Y-12

**OAK RIDGE
Y-12
PLANT**

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**RESULTS OF CALENDAR YEAR 1994 WELL
INSPECTION AND MAINTENANCE PROGRAM
Y-12 PLANT, OAK RIDGE, TENNESSEE**

**Bruce W. McMaster
Steven B. Jones
Janet L. Sitzler**

June 1995

**Environmental Management Department
Health, Safety, Environment, and Accountability
Organization
Oak Ridge Y-12 Plant
Oak Ridge, Tennessee 37831**

Managed by

**LOCKHEED MARTIN ENERGY SYSTEMS, INC.
for the U. S. DEPARTMENT OF ENERGY
under contract DE-AC05-84OR21400**

**MANAGED BY
MARTIN MARIETTA ENERGY SYSTEMS, INC.
FOR THE UNITED STATES
DEPARTMENT OF ENERGY**

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1.0 INTRODUCTION AND BACKGROUND

This document is a compendium of results of the calendar year 1994 Monitor Well Inspection and Maintenance Program at the Department of Energy Y-12 Plant in Oak Ridge, Tennessee. This report documents the work relating to well inspections and maintenance requests. Inspections are implemented in order to better assess the condition and maintenance needs of wells that are actively being monitored. Currently this approach calls for inspecting all wells on a routine (annual or triennial) basis which are:

- (1) in an active sampling program;
- (2) included in a hydrologic study; or
- (3) not in service, but not scheduled for plugging and abandonment.

Routine inspections help to ensure that representative groundwater samples and hydrologic data are being collected, and contribute to the life expectancy of each well. This report formally presents well inspection and maintenance activities that were conducted at the Y-12 Plant during 1994. All inspections were conducted between April and December.

1.1 GUIDELINES AND PURPOSE

Groundwater monitoring, well inspection and well maintenance is conducted as a principal element of the Oak Ridge Y-12 Plant Groundwater Protection Program (HSW, Inc., 1993). Objectives, technical approach, and responsible parties of the inspection and maintenance program are outlined in "Monitor Well Inspection and Maintenance Plan for the Department of Energy Y-12 Plant, Oak Ridge, Tennessee." (HSW, 1991). This plan specifies that annual inspections be conducted on all wells being actively monitored in the Y-12 Plant domain. Previous inspections and maintenance requests can be referenced in "Results of Calendar Year 1993 Monitor Well Inspection and Maintenance Program, Y-12 Plant, Oak Ridge, Tennessee" (McMaster, 1994).

The inspection of active and inactive wells, along with requests for maintenance of wells needing upgrading, involved a total of 658 wells. A summary of all wells inspected and maintenance activity is included, along with dates of inspection, well status, corresponding Groundwater Program Sampling and Analysis Plan addendums, and plugging and abandonment requests.

The current well inspection and maintenance plan (HSW, 1991) was implemented in July, 1991 with the intent of inspecting all active wells on a yearly basis. The remaining, or inactive wells, are to be inspected every three years unless they are incorporated into the active well network. Inspections for inactive wells conducted prior to June 1993 can be referenced in McMaster, 1992. The current report contains results of a triennial inspection of all wells within the Y-12 Groundwater Protection Program (GWPP) domain. Heretofore, wells which are sampled annually or semi-annually as part of the Y-12 GWPP Sampling and Analysis Plan will be classed as active status; all remaining wells classed as inactive. Wells with active status are inspected with regard to the criteria of a well inspection checklist created for the Y-12 Plant Well Maintenance Program. Inactive wells are checked for the same items, but require only a minimum of a cap and locking mechanism and identification markings. If a need arises to incorporate an inactive well into the active well network, the required upgraded maintenance can be performed at that time. Inactive wells at the Y-12 Plant are generally older generation wells, which have been utilized in earlier studies and are no longer being monitored. Securing and keeping inactive

wells that retain their integrity is useful and cost effective, as they may be incorporated into future studies in lieu of installation of new wells.

Inactive wells which are determined to have been damaged and cannot be rehabilitated are scheduled for plugging and abandonment. Typical findings for wells needing plugging and abandonment include substandard well construction and damage to casings, screens, and open monitoring intervals.

1.2 METHOD

Procedure G-001 details the well inspection methodology and is contained in the well inspection and maintenance plan (HSW, 1991). A synopsis of the inspection method is presented below.

Well inspections consist of site visits to individual wells. Checklists are completed for all components of the condition of the well and its accessibility. Well inspection checklists are reviewed by the GWPP manager or designee to ensure that each well meets the established criteria and is satisfactory for use. If a well does not meet these criteria, the problems are identified and a request for well maintenance is issued for the necessary work. The type of maintenance required, along with a description of the requested maintenance activity, is recorded on the maintenance request form. Maintenance items are classed as either primary or secondary. Primary items are those which may affect the quality of groundwater samples and other hydrologic information. They include the condition of the well casing, well security, and condition of the screened or open interval. Secondary items are those which generally do not affect the integrity of representative groundwater samples and include well access, well identification, concrete pad, and protective posts.

The requested maintenance is performed and a follow-up inspection is done to ensure the work is acceptable. Detailed records of all inspections and maintenance performed on wells at the Y-12 Plant are kept by an authorized designee of the GWPP manager. A brief description of each inspection item is as follows:

(1) Well Casing(s): Wells at the Y-12 Plant are constructed with steel, stainless steel, or PVC casing and inspected for signs of physical deterioration that may affect the structural integrity of the well (such as cracks, corrosion, breaks, or bends). The exposed portion of the annular grout seal is also inspected for signs of deterioration, such as a loose well casing. Some wells located in high traffic areas may be accessed via flush-mount manholes. Wells with this type of completion are inspected for proper installation of the manhole; checking the condition of manhole cover and seal; and determining the condition of the well casing and exposed portion of the annular grout seal in the manhole itself.

(2) Surface Seal (Concrete Pad): A surface seal of neat cement or concrete surrounds the well casing to prevent surface runoff from entering and infiltrating down the annulus of the well. The surface seal is inspected for cracks and deterioration.

3) Protective Posts: To protect the well from collision damage, guardposts are installed around a well. Posts are inspected for proper height (minimum of 3 ft); presence and condition of high-traffic yellow paint; and proper positioning between the well and traffic approach.

(4) Hasp, Cap, and Lock: All wells at the Y-12 Plant are equipped with caps and locks to prevent unauthorized entry. Steel slip-on caps, (or aluminum caps with collars for 7-in. casing stick-ups) are used for both stainless steel and carbon steel casings, and PVC screw-down or watertight caps for PVC casings. Locks are inspected for corrosion or malfunction and are replaced, if damaged or otherwise unusable.

(5) Well Identification: Wells are inspected to ensure that stainless steel identification tags are attached to the well casing and that any additional required identifying markings are present. The stainless steel tag is required for active wells.

(6) Well Access: All active monitoring wells must be accessible by road and each access road is inspected for wash-outs, fallen trees, construction fencing, or site closure activities that may result in the isolation of a well.

(7) Sediment Accumulation Requiring Downhole Maintenance: Many wells accumulate sediment at the bottom which may plug the screen or open interval if the well is not properly developed. This can affect the performance of the well and possibly the quality of chemical analyses. Inspections are made for sediment accumulation through measurements of well depth and comparisons with well construction information. If twenty percent or greater of the screened or open interval is found to be filled with sediment, steps are taken to rehabilitate the well and clear the interval.

Well depth discrepancy may also reflect an error in the original well construction information. A number of older generation wells had depth discrepancies and were found to be several feet deeper or several feet shallower than historical records indicated, even when no sediment accumulation or obstruction was found to be present. It is also suspected that in some cases, survey data concerning ground surface elevation for a well may have been inadvertently used as the top of casing elevation, causing the recorded constructed well depth to differ by approximately the height of the casing stick-up.

Depth discrepancies are noted in the comments section of the well inspection form. If the total constructed depth of a well that has been determined to need rehabilitation cannot be recovered, and the redevelopment progress is deemed satisfactory through oversight, the subsurface data base manager at the Y-12 Plant is notified and appropriate comments regarding the depth discrepancy are then included with the original well construction data.

2.0 EXPLANATION OF APPENDICES

Appendix A: Well Inspection/Maintenance Summary

This appendix is a summary of all wells inspected between April and December 1994, at the Y-12 Plant. Wells are listed with their corresponding checklist number, date of the inspection of the well, well status, maintenance request number (if the well needs maintenance or upgrading), plugging and abandonment request number (if the well is damaged beyond repair), and corresponding Sampling and Analysis Plan addendums if they reflect any change in well status.

Appendix B: Active Well Inspections

Lists individual inspections of wells classified as active (currently being sampled) at the Y-12 Plant. Inspections for each well include primary and secondary inspection items. Primary items are those components of a monitor well that ensure groundwater samples and hydrologic information collected from the well are representative of aquifer condition. These components include condition of the well casing, screened or open interval of the well, and well security. Secondary inspection items are those components of a well that generally do not affect the collection of representative groundwater quality samples or hydrologic information. These include well access, well identification, a surface concrete pad, and protective guard posts.

Wells that are currently being sampled on a quarterly basis as part of the Y-12 monitoring network (approximately 200 wells) receive priority for well maintenance work. Components of the well inspection checklist are most strictly applied to these wells.

Appendix C: Inactive Well Inspections

Appendix C contains individual inspections of wells classified as inactive, or wells not currently being sampled. Inactive wells are inspected for the same criteria as active wells, but are required only to have caps, a locking mechanism, and identification markings. If the well is reactivated, the other inspection items are upgraded to the criteria of an active well.

Appendix D: Requests for Well Resurveys

Appendix D lists requests for wells needing to be resurveyed due to casing height alteration, or if a question exists concerning the location of a well.

Appendix E: Completed Well Maintenance Requests

Appendix E documents maintenance performed on individual wells pertaining to inspections and other routine maintenance needs.

3.0 REFERENCES

- HSW, Inc., 1991. Monitor Well Inspection And Maintenance Plan, Oak Ridge, Y-12 Plant, Y/SUB/91-YP507C/5.
- HSW, Inc., 1993. Oak Ridge Y-12 Plant Groundwater Protection Program Management Plan, Y/SUB/93-YP507C/4.
- McMaster, B.W., 1992. Results of Fiscal Year 1992 Well Inspection and Maintenance Program, Y-12 Plant, Oak Ridge, Tennessee. Y/TS-911.
- McMaster, B.W., 1994. Results of Calendar Year 1993 Monitor Well Inspection and Maintenance Program, Y-12 Plant, Oak Ridge, Tennessee. Y/TS-1207.

APPENDIX A
WELL INSPECTION/MAINTENANCE SUMMARY

EXPLANATION

Inspection Checklist Number

94-001 - Unique number assigned to each well: two-digit number designating the inspection year (calendar) followed by a three-digit number.

Current Status

- A - Active Well, to be reinspected each calendar year
- I - Inactive Well, to be reinspected once every three calendar years

Change in Status/Effective Date

Indicates if the status of the well changed as a result of a Sampling and Analysis Plan addendum during CY 1994. Effective date of the status change is also provided.

SAP Addendum Number

Sampling and Analysis Plan Addenda issued, which changed the status of a monitoring well.

Plugging and Abandonment Request Number

94-001P/A - First well requested to be plugged and abandoned in 1994.

Maintenance Request Number

- 94-001P - Primary maintenance required, first maintenance request of CY 1994
- 94-002S - Secondary maintenance required, second maintenance request of CY 1994
- 94-003PS - Primary and secondary maintenance required, third maintenance request of CY 1994

WELL INSPECTION / MAINTENANCE SUMMARY

<u>Well Number</u>	<u>Location</u>	<u>Current Status</u>	<u>Change In Status</u>	<u>SAP Addendum Number</u>	<u>P&A Request Number</u>	<u>Effective Date</u>	<u>Inspection Checklist Number</u>	<u>Inspection Date</u>	<u>Maintenance Request Number</u>
1004	S3	I	no		94-007P/A	10/1/94	94-207	8/18/94	
1034	BG	I	no		94-009P/A	10/1/94	94-368	11/2/94	
1082	ORSF	I	no				94-256	9/22/94	
1084	ORSF	I	no				94-264	9/26/94	
1090	UNC	A	no				94-347	11/1/94	94-061S
1095	CRSDB	I	no				94-238	9/21/94	
1096	CRSDB	I	no				94-230	9/20/94	
1101	FAP	I	no		94-014P/A	11/10/94	94-411	11/10/94	
1102	FAP	I	no		94-014P/A	11/10/94	94-416	11/10/94	
1103	FAP	I	no		94-014P/A	11/10/94	94-418	11/10/94	
1104	FAP	I	no		94-014P/A	11/10/94	94-417	11/10/94	
1105	FAP	I	no		94-014P/A	11/10/94	94-415	11/10/94	
1106	FAP	I	no		94-014P/A	11/10/94	94-414	11/10/94	
1107	FAP	I	no		94-014P/A	11/10/94	94-412	11/10/94	
1108	FAP	I	no		94-014P/A	11/10/94	94-413	11/10/94	
1109	FAP	I	no		94-014P/A	11/10/94	94-419	11/10/94	
1110	FAP	I	no		94-014P/A	11/10/94	94-420	11/10/94	
53-1A	Y-12	I	no				94-462	11/17/94	
54-2A	Y-12	I	no				94-502	12/15/94	
55-1A	Y-12	I	no				94-452	11/16/94	
55-1B	Y-12	I	no				94-451	11/16/94	
55-1C	Y-12	I	no				94-450	11/16/94	
55-2A	Y-12	I	no				94-449	11/16/94	

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<u>Well Number</u>	<u>Location</u>	<u>Current Status</u>	<u>Change In Status</u>	<u>SAP Addendum Number</u>	<u>P&A Request Number</u>	<u>Effective Date</u>	<u>Inspection Checklist Number</u>	<u>Inspection Date</u>	<u>Maintenance Request Number</u>
55-2B	Y-12	I	no				94-448	11/16/94	
55-2C	Y-12	I	no				94-447	11/16/94	
55-3A	Y-12	I	no				94-446	11/16/94	
55-3B	Y-12	I	no				94-445	11/16/94	
55-3C	Y-12	I	no				94-444	11/16/94	
55-4B	Y-12	I	no				94-457	11/17/94	
55-4C	Y-12	I	no				94-458	11/17/94	
55-5A	Y-12	I	no				94-456	11/17/94	
55-6A	Y-12	I	no				94-455	11/17/94	
56-1A	Y-12	I	no				94-454	11/17/94	
56-1C	Y-12	I	no				94-453	11/17/94	
56-2A	Y-12	I	no				94-442	11/16/94	
56-2B	Y-12	I	no				94-441	11/16/94	
56-2C	Y-12	I	no				94-443	11/16/94	
56-3A	Y-12	I	no				94-440	11/16/94	
56-3B	Y-12	I	no				94-439	11/16/94	
56-3C	Y-12	I	no				94-438	11/16/94	
56-4A	Y-12	I	no				94-435	11/16/94	
56-4B	Y-12	I	no				94-434	11/16/94	
56-4C	Y-12	I	no				94-433	11/16/94	
56-6A	Y-12	I	no				94-437	11/16/94	
56-7A	Y-12	I	no				94-430	11/16/94	
56-8A	Y-12	I	no				94-431	11/16/94	
56-9A	Y-12	I	no				94-432	11/16/94	

WELL INSPECTION / MAINTENANCE SUMMARY

<u>Well Number</u>	<u>Location</u>	<u>Current Status</u>	<u>Change In Status</u>	<u>SAP Addendum Number</u>	<u>P&A Request Number</u>	<u>Effective Date</u>	<u>Inspection Checklist Number</u>	<u>Inspection Date</u>	<u>Maintenance Request Number</u>
58-2A	Y-12	I	no				94-490	12/15/94	
CH-143	KHQ	I	no				94-334	11/1/94	
CH-157	CRSDB	I	no				94-236	9/21/94	
CH-185	RQ	I	no				94-664	12/6/94	
CH-189	RQ	I	no				94-663	12/6/94	
GW-001	OL	I	no				94-205	8/18/94	
GW-002	OL	I	no				94-208	8/18/94	
GW-005	OL	I	no				94-285	10/7/94	
GW-006	OL	I	no				94-463	11/30/94	94-059S, 94-062P
GW-007	OL	I	no		94-011P/A	10/1/94	94-288	10/7/94	
GW-008	OL	I	no				94-291	10/7/94	
GW-010	OL	I	no				94-295	10/7/94	
GW-011	OL	I	no				94-293	10/7/94	
GW-012	OL	I	no				94-294	10/7/94	
GW-013	OL	I	no				94-296	10/7/94	94-036S
GW-014	BG	I	no				94-127	8/3/94	
GW-015	BG	I	no				94-128	8/3/94	
GW-016	BG	I	no				94-183	8/9/94	
GW-017	BG	I	no				94-392	11/7/94	
GW-018	BG	I	no				94-284	9/29/94	94-036S
GW-040	BG	A	no				94-464	11/30/94	
GW-041	BG	I	no				94-466	11/30/94	
GW-042	BG	A	no				94-465	11/30/94	
GW-043	BG	A	no				94-322	10/28/94	94-003S

WELL INSPECTION / MAINTENANCE SUMMARY

<u>Well Number</u>	<u>Location</u>	<u>Current Status</u>	<u>Change In Status</u>	<u>SAP Addendum Number</u>	<u>P&A Request Number</u>	<u>Effective Date</u>	<u>Inspection Checklist Number</u>	<u>Inspection Date</u>	<u>Maintenance Request Number</u>
GW-044	BG	A	no				94-321	10/28/94	94-003S
GW-045	BG	I	no				94-394	11/7/94	
GW-046	BG	I	no				94-325	10/28/94	
GW-047	BG	A	no				94-129	8/3/94	
GW-048	BG	I	no		94-005P/A	10/1/94	94-182	8/9/94	
GW-049	BG	I	no		94-006P/A	10/1/94	94-179	8/9/94	
GW-050	BG	I	no				94-175	8/8/94	
GW-051	BG	I	no				94-324	10/28/94	
GW-052	BG	I	yes	94-06		1/1/94	94-397	11/7/94	
GW-053	BG	A	no				94-393	11/7/94	
GW-054	BG	I	no				94-331	10/28/94	94-023S
GW-055	BG	I	no				94-089	7/20/94	94-023S
GW-056	BG	A	no				94-092	7/20/94	
GW-057	BG	A	no				94-091	7/20/94	
GW-058	BG	I	no				94-094	7/20/94	
GW-059	BG	I	no				94-095	7/20/94	
GW-060	BG	I	no		94-004P/A	10/1/94	94-088	7/19/94	
GW-061	BG	A	no				94-087	7/19/94	
GW-062	OL	I	no				94-142	8/4/94	
GW-064	OL	A	no				94-402	11/7/94	94-040S
GW-065	OL	I	no				94-162	8/8/94	
GW-066	OL	I	no				94-160	8/8/94	
GW-067	OL	I	no				94-161	8/8/94	94-042S
GW-068	BG	I	no				94-326	10/28/94	

WELL INSPECTION / MAINTENANCE SUMMARY

<u>Well Number</u>	<u>Location</u>	<u>Current Status</u>	<u>Change In Status</u>	<u>SAP Addendum Number</u>	<u>P&A Request Number</u>	<u>Effective Date</u>	<u>Inspection Checklist Number</u>	<u>Inspection Date</u>	<u>Maintenance Request Number</u>
GW-069	BG	A	no				94-283	9/29/94	
GW-070	BG	I	no				94-282	9/29/94	
GW-071	BG	I	no				94-184	8/9/94	
GW-072	BG	I	no				94-185	8/9/94	
GW-073	OL	I	no				94-330	10/28/94	
GW-074	OL	I	no				94-292	10/7/94	94-055P
GW-075	OL	I	no				94-289	10/7/94	
GW-076	OL	I	no				94-286	10/7/94	
GW-077	BG	I	no				94-072	7/19/94	
GW-078	BG	I	no				94-073	7/19/94	
GW-079	BG	A	no				94-075	7/19/94	94-035S
GW-080	BG	A	no				94-076	7/19/94	94-035S
GW-081	BG	I	no				94-398	11/7/94	
GW-082	BG	I	no				94-468	11/30/94	
GW-083	BG	I	no				94-369	11/2/94	
GW-084	OL	A	no				94-323	10/28/94	
GW-085	OL	A	no				94-166	8/8/94	94-030S
GW-086	OL	I	no				94-165	8/8/94	
GW-087	OL	I	no				94-520	12/20/94	
GW-089	BG	I	no				94-467	11/30/94	94-037S
GW-090	BG	I	no				94-400	11/7/94	
GW-091	BG	I	no				94-399	11/7/94	
GW-094	BG	I	no				94-086	7/19/94	
GW-095	BG	A	no				94-395	11/7/94	94-064P

WELL INSPECTION / MAINTENANCE SUMMARY

<u>Well Number</u>	<u>Location</u>	<u>Current Status</u>	<u>Change In Status</u>	<u>SAP Addendum Number</u>	<u>P&A Request Number</u>	<u>Effective Date</u>	<u>Inspection Checklist Number</u>	<u>Inspection Date</u>	<u>Maintenance Request Number</u>
GW-096	BG	I	no				94-469	11/30/94	
GW-096A	BG	I	no		94-008P/A	10/1/94	94-177	8/9/94	
GW-097	OL	I	no				94-328	10/28/94	
GW-097A	OL	I	no				94-327	10/28/94	
GW-098	OL	I	no				94-329	10/28/94	
GW-100	S3	I	no				94-472	12/6/94	
GW-101	S3	I	no				94-570	11/21/94	
GW-105	S3	I	no				94-572	11/21/94	
GW-108	S3	I	no				94-571	11/21/94	
GW-107	S3	I	no				94-544	12/22/94	
GW-108	S3	I	no				94-543	12/22/94	
GW-109	S3	I	no				94-542	12/22/94	
GW-112	GC	I	no				94-303	10/20/94	
GW-113	GC	I	no				94-302	10/20/94	
GW-115	S3	A	no				94-545	12/22/94	
GW-117	BG	I	no				94-085	7/19/94	94-039S
GW-118	BG	I	no				94-396	11/7/94	
GW-119	BG	I	no				94-176	8/9/94	
GW-120	OL	I	no				94-195	8/15/94	
GW-121	OL	I	no				94-290	10/7/94	
GW-122	S3	I	no				94-537	12/22/94	
GW-123	S3	I	no				94-538	12/22/94	
GW-124	S3	I	no				94-540	12/22/94	94-044S
GW-125	S3	I	no				94-539	12/22/94	94-044S

WELL INSPECTION / MAINTENANCE SUMMARY

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GW-126	BG	I	no				94-080	7/19/94	
GW-127	S3	I	no				94-476	12/6/94	
GW-131	SR	I	no				94-660	12/6/94	
GW-132	S3	I	no				94-661	12/6/94	
GW-133	S3	I	no				94-662	12/6/94	
GW-134	S3	I	no				94-483	12/6/94	
GW-135	S3	I	no				94-484	12/6/94	94-021S
GW-138	GBR	I	no				94-599	6/15/94	
GW-141	LF IV	A	no				94-071	7/6/94	
GW-142	KHQ	A	no				94-332	11/1/94	94-060S
GW-143	KHQ	A	no				94-336	11/1/94	94-060S
GW-144	KHQ	A	no				94-333	11/1/94	94-060S
GW-145	KHQ	A	no				94-338	11/1/94	94-005S, 94-060S
GW-146	KHQ	A	no				94-337	11/1/94	94-005S, 94-048P
GW-147	KHQ	A	no				94-339	11/1/94	94-060S
GW-148	NHP	A	yes	94-26		10/1/94	94-278	9/27/94	
GW-149	NHP	A	yes	94-26		10/1/94	94-277	9/27/94	
GW-150	NHP	I	no				94-428	11/14/94	94-053S
GW-151	NHP	A	no				94-429	11/14/94	94-053S
GW-152	NHP	I	no				94-280	9/27/94	94-044S, 94-054S
GW-153	NHP	A	yes	94-26		10/1/94	94-279	9/27/94	94-054S
GW-154	NHP	A	yes	94-26		10/1/94	94-551	12/22/94	
GW-156	CRSDB	A	no				94-235	9/21/94	
GW-158	CRSDB	A	no				94-221	9/20/94	

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GW-159	CRSDB	A	no				94-232	9/21/94	94-036S
GW-160	IL III	A	no				94-228	9/20/94	94-036S, 94-056PS
GW-161	IL III	A	no				94-227	9/20/94	94-036S
GW-162	BG	A	no				94-196	8/15/94	
GW-163	BG	I	no				94-197	8/15/94	
GW-164	BG	I	no				94-198	8/15/94	
GW-165	CRDT-10	I	no				94-096	7/20/94	
GW-168	CRDT-10	I	no				94-097	7/20/94	
GW-167	USGS	I	no				94-247	9/22/94	94-036S
GW-168	USGS	I	no				94-246	9/22/94	94-036S
GW-169	USGS	A	no				94-422	11/14/94	
GW-170	USGS	A	no				94-421	11/14/94	94-004P, 94-043S
GW-171	USGS	A	yes	94-12		4/1/94	94-573	11/21/94	94-017PS, 94-051S
GW-172	USGS	A	yes	94-12		4/1/94	94-574	11/21/94	94-019PS
GW-173	CRSP	I	no				94-353	11/1/94	94-037S
GW-174	CRSP	I	no				94-354	11/1/94	94-061S
GW-175	CRSP	A	no				94-344	11/1/94	
GW-176	CRSP	I	no				94-359	11/1/94	94-061S
GW-177	CRSP	A	no				94-361	11/1/94	
GW-178	CRSP	I	no				94-358	11/1/94	94-061S
GW-179	CRSP	I	no				94-356	11/1/94	
GW-180	CRSP	I	no				94-355	11/1/94	
GW-181	CRSP	A	no				94-314	10/25/94	94-058PS
GW-183	FF	I	no				94-550	12/22/94	

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GW-184	RQ	A	no				94-248	9/22/94	
GW-185	RQ	I	no				94-426	11/14/94	
GW-186	RQ	A	no				94-425	11/14/94	94-036S
GW-187	RQ	A	no				94-254	9/22/94	94-041S
GW-188	RQ	A	no				94-251	9/22/94	94-041S
GW-189	RQ	I	no				94-424	11/14/94	
GW-190	Y-12	I	yes	94-04		12/21/93	94-567	11/18/94	
GW-191	B-4	A	no				94-109	7/25/94	
GW-192	B-4	A	no				94-110	7/25/94	
GW-193	Y-12	I	no				94-489	12/15/94	
GW-194	B-4	A	no				94-107	7/25/94	
GW-195	B-4	A	no				94-108	7/25/94	
GW-196	B-4	I	no				94-459	11/17/94	
GW-197	B-4	I	no				94-554	12/20/94	
GW-198	RDS	I	no				94-382	11/2/94	
GW-199	RDS	A	no				94-380	11/2/94	
GW-200	RDS	I	no				94-384	11/2/94	
GW-201	RDS	I	no				94-385	11/2/94	
GW-202	RDS	I	no				94-383	11/2/94	
GW-203	UNC	A	no				94-351	11/1/94	
GW-204	Y-12	I	no				94-436	11/16/94	
GW-205	UNC	A	no				94-348	11/1/94	
GW-207	USGS	A	no				94-565	11/18/94	
GW-208	USGS	A	no				94-566	11/18/94	94-063P

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GW-209	USGS	I	no		94-012P/A	10/21/94	94-297	10/20/94	
GW-210	USGS	I	no				94-298	10/20/94	
GW-211	USGS	I	no				94-299	10/20/94	
GW-212	USGS	I	no				94-576	11/22/94	
GW-214	USGS	I	no				94-577	11/22/94	
GW-215	USGS	I	no		94-015P/A	11/22/94	94-578	11/22/94	
GW-217	LF IV	A	no				94-209	8/18/94	94-021S
GW-218	UOV	I	no				94-509	12/20/94	
GW-219	UOV	I	no				94-510	12/20/94	
GW-220	NHP	A	no				94-427	11/14/94	94-053S
GW-221	UNC	A	no				94-352	11/1/94	
GW-222	NHP	A	yes	94-26		10/1/94	94-552	12/22/94	94-044S
GW-223	NHP	A	yes	94-26		10/1/94	94-553	12/22/94	94-044S
GW-224	RQ	I	no				94-255	9/22/94	
GW-225	OL	I	no				94-137	8/4/94	
GW-226	OL	I	no				94-138	8/4/94	
GW-227	OL	I	no				94-569	11/21/94	
GW-228	OL	I	no				94-139	8/4/94	
GW-229	OL	I	no				94-140	8/4/94	
GW-230	USGS	A	yes	94-12		4/1/94	94-575	11/21/94	94-018PS
GW-231	KHQ	A	no				94-335	11/1/94	94-060S
GW-232	USGS	A	no				94-423	11/14/94	94-043S
GW-236	S3	I	no				94-208	8/18/94	
GW-237	BG	I	no				94-178	8/9/94	

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GW-238	USGS	I	no				94-579	11/22/94	
GW-239	USGS	I	no				94-245	9/22/94	94-036S
GW-240	NHP	A	no				94-281	9/27/94	94-044S, 94-054S
GW-241	CRSDB	A	no				94-222	9/20/94	94-002P
GW-242	Y-12	I	no				94-558	11/18/94	
GW-243	S3	I	yes	94-20		5/9/94	94-482	12/6/94	
GW-244	S3	I	no				94-478	12/6/94	94-016S
GW-245	S3	I	no				94-479	12/6/94	94-016S
GW-246	S3	I	no				94-480	12/6/94	
GW-247	S3	I	no				94-481	12/6/94	
GW-248	BG	I	no				94-363	11/2/94	
GW-249	BG	I	no				94-364	11/2/94	
GW-250	BG	I	no				94-365	11/2/94	
GW-251	S2	A	no				94-340	11/1/94	
GW-252	S2	A	no				94-341	11/1/94	
GW-253	S2	I	no				94-343	11/1/94	94-037S
GW-255	S2	A	no				94-342	11/1/94	
GW-257	BG	I	no				94-362	11/2/94	
GW-258	BG	I	no				94-375	11/2/94	
GW-259	BG	I	no				94-374	11/2/94	
GW-261	SY	A	no				94-549	12/22/94	
GW-262	SY	A	no				94-548	12/22/94	
GW-263	SY	A	no				94-559	11/18/94	
GW-284	SY	A	no				94-560	11/18/94	

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GW-265	SY	I	no				94-557	12/20/94	
GW-268	SY	I	no				94-487	12/16/94	
GW-269	SY	I	no				94-491	12/15/94	
GW-270	SY	I	no				94-555	12/20/94	
GW-271	SY	I	no				94-556	12/20/94	
GW-272	SY	I	no				94-492	12/15/94	
GW-273	SY	I	no				94-488	12/16/94	
GW-274	SY	I	no				94-485	12/16/94	
GW-275	SY	I	no				94-486	12/16/94	
GW-276	S3	A	yes	94-05		3/10/94	94-546	12/22/94	
GW-277	S3	I	no				94-547	12/22/94	
GW-286	BG	I	no				94-370	11/2/94	
GW-287	BG	A	no				94-371	11/2/94	
GW-288	BG	I	no				94-366	11/2/94	
GW-289	BG	I	no				94-367	11/2/94	
GW-290	BG	I	no				94-372	11/2/94	
GW-291	BG	I	no				94-373	11/2/94	
GW-292	ECRWP	A	no				94-379	11/2/94	
GW-293	ECRWP	A	no				94-378	11/2/94	
GW-294	ECRWP	A	no				94-377	11/2/94	
GW-295	IL III	I	no		94-003P/A	9/20/94	94-229	9/20/94	94-036S
GW-296	ECRWP	A	no				94-376	11/2/94	
GW-298	IL III	A	no				94-223	9/20/94	94-036S
GW-299	IL III	A	no				94-224	9/20/94	94-036S

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GW-300	IL III	A	no				94-225	9/20/94	94-036S
GW-301	IL III	A	no				94-226	9/20/94	94-036S
GW-302	UNC	A	no				94-350	11/1/94	94-061S
GW-303	CRSDB	A	no				94-237	9/21/94	94-022P
GW-304	CRSDB	A	no				94-231	9/20/94	94-036S
GW-305	LF IV	A	no				94-408	11/10/94	
GW-306	RS	I	no				94-152	8/4/94	94-044S
GW-307	RS	I	no				94-151	8/4/94	94-044S
GW-308	RS	I	no				94-150	8/4/94	94-044S
GW-309	RS	I	no				94-149	8/4/94	
GW-310	RS	I	no				94-148	8/4/94	94-044S
GW-311	RS	A	no				94-146	8/4/94	94-044S
GW-312	RS	A	no				94-147	8/4/94	
GW-313	SPI	I	no				94-212	8/18/94	
GW-314	SPI	I	no				94-213	8/18/94	
GW-315	SPI	A	no				94-214	8/18/94	
GW-316	SPI	I	no				94-210	8/18/94	94-052P
GW-317	SPI	A	no				94-211	8/18/94	94-052P
GW-318	RQ	I	no				94-252	9/22/94	
GW-319	RQ	I	no				94-253	9/22/94	
GW-320	FAP	I	no				94-250	9/22/94	
GW-321	FAP	A	no				94-249	9/22/94	94-037S
GW-322	CRSP	I	no				94-357	11/1/94	94-061S
GW-323	SPI	I	no				94-407	11/10/94	

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GW-324	S3	I	yes	94-16		4/1/94	94-190	8/10/94	94-009S, 94-040S
GW-325	S3	I	yes	94-16		4/1/94	94-189	8/10/94	94-009S, 94-040S
GW-331	WCPA	I	no				94-501	12/15/94	
GW-332	WCPA	I	no				94-500	12/15/94	
GW-333	WCPA	I	no				94-499	12/15/94	
GW-334	WCPA	I	no				94-498	12/15/94	
GW-335	WCPA	I	no				94-497	12/15/94	
GW-336	WCPA	I	no				94-496	12/15/94	
GW-337	WCPA	A	no				94-495	12/15/94	
GW-338	WCPA	A	no				94-106	7/25/94	
GW-339	UNC	A	no				94-349	11/1/94	94-061S
GW-342	BG	I	yes	94-08		3/14/94	94-564	11/21/94	94-007S
GW-343	BG	I	no				94-580	11/22/94	94-007S
GW-344	BG	I	no				94-581	11/22/94	
GW-345	S3	I	yes	94-16		4/1/94	94-475	12/6/94	
GW-346	S3	I	no				94-474	12/6/94	
GW-347	S3	A	no				94-145	8/4/94	94-036S
GW-348	S3	A	no				94-144	8/4/94	94-036S
GW-349	S2	I	no				94-460	11/17/94	
GW-350	S2	I	no				94-461	11/17/94	
GW-363	LF I	A	no				94-136	8/4/94	
GW-364	OL	I	no				94-122	7/28/94	
GW-365	OL	I	no				94-121	7/28/94	
GW-366	OL	I	no				94-124	7/28/94	94-065S

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GW-367	OL	I	no				94-123	7/28/94	94-065S
GW-368	OL	I	no				94-191	8/15/94	94-026S
GW-369	OL	I	no				94-192	8/15/94	94-026S
GW-370	BG	A	no				94-204	8/18/94	94-036S, 94-040S
GW-371	BG	I	no				94-203	8/18/94	94-036S, 94-040S
GW-372	BG	A	no				94-201	8/18/94	94-040S
GW-373	BG	A	no				94-200	8/18/94	94-040S
GW-374	BG	I	no				94-130	8/3/94	
GW-375	BG	I	no				94-561	11/18/94	
GW-376	LDS	I	no				94-562	11/18/94	
GW-380	NHP	A	no				94-513	12/20/94	
GW-381	NHP	A	no				94-514	12/20/94	
GW-382	NHP	A	no				94-515	12/20/94	
GW-383	NHP	A	no				94-276	9/27/94	
GW-384	NHP	A	no				94-274	9/27/94	
GW-385	NHP	A	no				94-275	9/27/94	
GW-400	GBR	I	no				94-645	7/8/94	
GW-401	GBR	I	no				94-643	7/8/94	
GW-402	GBR	I	no				94-642	7/7/94	
GW-403	GBR	I	no				94-617	6/16/94	
GW-405	GBR	I	no				94-646	7/8/94	
GW-406	GBR	I	no				94-647	7/8/94	
GW-407	GBR	I	no				94-649	7/8/94	
GW-408	GBR	I	no				94-648	7/8/94	

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GW-409	GBR	I	no				94-628	6/17/94	
GW-410	GBR	I	no				94-627	6/17/94	
GW-411	GBR	I	no				94-625	6/17/94	
GW-412	GBR	I	no				94-626	6/17/94	
GW-413	GBR	I	no				94-624	6/17/94	
GW-414	GBR	I	no				94-623	6/17/94	
GW-415	GBR	I	no				94-621	6/17/94	
GW-416	GBR	I	no				94-622	6/17/94	
GW-417	GBR	I	no				94-620	6/17/94	
GW-418	GBR	I	no				94-619	6/17/94	
GW-419	GBR	I	no				94-631	7/7/94	
GW-420	GBR	I	no				94-632	7/7/94	
GW-421	GBR	I	no				94-639	7/7/94	
GW-422	GBR	I	no				94-640	7/7/94	
GW-423	GBR	I	no				94-634	7/7/94	
GW-424	GBR	I	no				94-633	7/7/94	
GW-425	GBR	I	no				94-635	7/7/94	
GW-426	GBR	I	no				94-636	7/7/94	
GW-427	GBR	I	no				94-638	7/7/94	
GW-428	GBR	I	no				94-637	7/7/94	
GW-429	GBR	I	no				94-616	6/16/94	
GW-430	GBR	I	no				94-618	6/16/94	
GW-431	GBR	I	no				94-650	7/8/94	
GW-432	GBR	I	no				94-651	7/8/94	

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GW-433	GBR	I	no				94-629	6/17/94	
GW-434	GBR	I	no				94-630	6/17/94	
GW-435	GBR	I	no				94-613	6/16/94	
GW-436	GBR	I	no				94-612	6/16/94	
GW-437	GBR	I	no				94-609	6/16/94	
GW-438	GBR	I	no				94-608	6/16/94	
GW-439	GBR	I	no				94-606	6/15/94	
GW-440	GBR	I	no				94-607	6/15/94	
GW-441	GBR	I	no				94-615	6/16/94	
GW-442	GBR	I	no				94-614	6/16/94	
GW-443	GBR	I	no				94-601	6/15/94	
GW-445	GBR	I	no				94-602	6/15/94	
GW-447	GBR	I	no				94-603	6/15/94	
GW-448	GBR	I	no				94-604	6/15/94	
GW-449	GBR	I	no				94-610	6/16/94	
GW-450	GBR	I	no				94-611	6/16/94	
GW-451	GBR	I	no				94-594	6/14/94	
GW-452	GBR	I	no				94-597	6/15/94	
GW-453	GBR	I	no				94-652	7/8/94	
GW-463	GBR	I	no				94-657	7/12/94	
GW-464	GBR	I	no				94-655	7/8/94	
GW-465	GBR	I	no				94-656	7/8/94	
GW-466	GBR	I	no				94-653	7/8/94	
GW-467	GBR	I	no				94-654	7/8/94	

WELL INSPECTION / MAINTENANCE SUMMARY

<u>Well Number</u>	<u>Location</u>	<u>Current Status</u>	<u>Change In Status</u>	<u>SAP Addendum Number</u>	<u>P & A Request Number</u>	<u>Effective Date</u>	<u>Inspection Checklist Number</u>	<u>Inspection Date</u>	<u>Maintenance Request Number</u>
GW-468	GBR	I	no				94-658	7/12/94	
GW-469	GBR	I	no				94-644	7/8/94	
GW-470	GBR	I	no				94-641	7/7/94	
GW-472	GBR	I	no				94-600	6/15/94	
GW-505	RG	I	no				94-536	12/21/94	
GW-508	RG	I	no				94-563	11/18/94	
GW-511	CRSP	A	no				94-315	10/25/94	
GW-512	FAP	A	no				94-318	10/25/94	94-036S
GW-513	FAP	A	no				94-317	10/25/94	94-036S
GW-514	FAP	A	no				94-319	10/25/94	94-036S
GW-520	OL	I	no				94-125	7/28/94	94-065S
GW-521	LF IV	A	no				94-409	11/10/94	
GW-522	LF IV	A	no				94-410	11/10/94	
GW-526	S3	I	no				94-473	12/6/94	
GW-531	LDS	I	no				94-168	8/8/94	
GW-532	LDS	I	no				94-167	8/8/94	
GW-533	LDS	I	no				94-169	8/8/94	
GW-534	LDS	I	no				94-170	8/8/94	
GW-535	LDS	I	no				94-172	8/8/94	
GW-537	LDS	A	no				94-174	8/8/94	
GW-538	LDS	I	no				94-171	8/8/94	
GW-539	SL II EXP	A	no				94-258	9/23/94	
GW-540	SL II EXP	A	no				94-266	9/26/94	
GW-541	SL II EXP	A	no				94-261	9/23/94	94-024S, 94-027P

WELL INSPECTION / MAINTENANCE SUMMARY

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GW-542	SL II EXP	A	no				94-260	9/23/94	94-024S
GW-543	SL II EXP	A	no				94-259	9/23/94	94-024S, 94-025S
GW-544	SL II EXP	A	no				94-265	9/26/94	94-024S
GW-545	SL II EXP	I	yes		94-013P/A	10/27/94	94-262	9/23/94	94-024S
GW-546	SL II EXP	A	no				94-267	9/26/94	
GW-552	SPAD	I	no				94-312	10/25/94	
GW-554	SPAD	I	no				94-306	10/25/94	
GW-555	SPAD	I	no				94-310	10/25/94	
GW-557	SPAD	A	no				94-471	12/6/94	94-012S
GW-558	SPAD	I	no				94-470	12/6/94	
GW-559	SPAD	I	no				94-320	10/25/94	
GW-560	SPAD	A	no				94-307	10/25/94	94-029S
GW-562	SPAD	A	no				94-304	10/25/94	94-029S
GW-563	SPAD	I	no				94-305	10/25/94	
GW-564	SPAD	A	no				94-309	10/25/94	94-013S
GW-567	SPAD	I	no				94-311	10/25/94	
GW-569	SPAD	I	no		94-001P/A	4/27/94	94-313	10/25/94	
GW-576	SPAD	I	no				94-308	10/25/94	
GW-601	OL	I	yes	94-18		5/9/94	94-193	8/15/94	94-026S, 94-036S
GW-602	OL	I	no				94-534	12/21/94	
GW-603	NHP	A	no				94-516	12/20/94	94-066S
GW-604	NHP	A	no				94-239	9/22/94	94-066S
GW-605	NHP	A	no				94-511	12/20/94	
GW-606	NHP	A	no				94-512	12/20/94	

WELL INSPECTION / MAINTENANCE SUMMARY

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GW-608	CRSP	A	no				94-406	11/8/94	
GW-609	CRSP	A	no				94-390	11/2/94	94-008S
GW-610	CRSP	A	no				94-345	11/1/94	
GW-611	CRSP	A	no				94-346	11/1/94	
GW-612	CRSP	I	no				94-360	11/1/94	94-061S
GW-613	S3	A	no				94-186	8/10/94	94-047S
GW-614	S3	A	no				94-187	8/10/94	94-047S
GW-615	S3	I	no				94-477	12/6/94	
GW-616	S3	I	no				94-535	12/21/94	
GW-617	S3	A	no				94-493	12/15/94	
GW-618	S3	A	no				94-494	12/15/94	
GW-619	S3	A	no				94-503	12/15/94	
GW-620	S3	A	no				94-504	12/15/94	
GW-621	BG	A	no				94-517	12/20/94	94-049S
GW-622	BG	I	no				94-180	8/9/94	
GW-623	BG	I	no				94-181	8/9/94	
GW-624	BG	I	no				94-084	7/19/94	
GW-625	BG	I	no				94-403	11/8/94	
GW-626	BG	I	no				94-078	7/19/94	
GW-627	BG	A	no				94-079	7/19/94	
GW-628	BG	I	no				94-391	11/7/94	
GW-629	BG	I	no				94-083	7/19/94	
GW-630	LDS	I	no				94-173	8/8/94	
GW-636	OL	I	no				94-118	7/28/94	

WELL INSPECTION / MAINTENANCE SUMMARY

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GW-637	OL	A	no				94-119	7/28/94	
GW-638	OL	I	no				94-120	7/28/94	
GW-639	OL	I	no				94-131	8/4/94	94-036S
GW-640	BG	I	no				94-132	8/4/94	94-036S
GW-641	BG	I	no				94-133	8/4/94	94-036S
GW-642	BG	A	no				94-199	8/15/94	94-040S
GW-643	BG	I	no				94-202	8/18/94	
GW-644	OL	I	no				94-135	8/4/94	
GW-645	OL	I	no				94-126	7/28/94	
GW-646	OL	I	no				94-194	8/15/94	94-038S
GW-647	OL	I	no				94-143	8/4/94	94-038S
GW-648	RS	I	no				94-153	8/4/94	94-038S
GW-649	OL	I	no				94-188	8/10/94	
GW-651	BG	I	no				94-082	7/19/94	
GW-652	BG	A	no				94-081	7/19/94	
GW-653	BG	A	no				94-077	7/19/94	
GW-654	BG	A	no				94-074	7/19/94	94-035S
GW-655	BG	I	yes	94-08		3/14/94	94-582	11/22/94	94-007S
GW-658	FF	I	no				94-583	11/22/94	
GW-660	UEFPC	I	no				94-001	5/5/94	
GW-661	UEFPC	I	no				94-010	5/11/94	
GW-662	UEFPC	I	no				94-002	5/5/94	
GW-663	UEFPC	I	no				94-004	5/5/94	
GW-664	UEFPC	I	no				94-036	5/11/94	

WELL INSPECTION / MAINTENANCE SUMMARY

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GW-665	UEFPC	I	no				94-003	5/5/94	
GW-666	UEFPC	I	no				94-006	5/11/94	
GW-667	UEFPC	I	no				94-007	5/11/94	
GW-668	UEFPC	I	no				94-005	5/11/94	
GW-669	UEFPC	I	no				94-009	5/11/94	
GW-670	UEFPC	I	no				94-008	5/11/94	
GW-671	UEFPC	I	no				94-035	5/11/94	
GW-672	FAP	I	no				94-028	5/12/94	
GW-673	FAP	I	no				94-027	5/12/94	
GW-674	FAP	I	no				94-026	5/12/94	
GW-676	FAP	I	no				94-025	5/12/94	
GW-677	FAP	I	no				94-030	5/12/94	94-031S
GW-678	FAP	I	no				94-031	5/12/94	94-031S
GW-679	FAP	I	no				94-029	5/12/94	94-031S
GW-680	FAP	I	no				94-032	5/12/94	94-032S
GW-681	FAP	I	no				94-033	5/12/94	94-032S
GW-682	FAP	I	no				94-034	5/12/94	94-032S
GW-683	EXP A	A	no				94-301	10/20/94	
GW-684	EXP A	A	no				94-300	10/20/94	
GW-685	EXP A	A	no				94-093	7/20/94	
GW-686	CPT	I	no				94-020	5/13/94	
GW-687	CPT	I	no				94-022	5/16/94	
GW-688	CPT	I	no				94-024	5/16/94	
GW-689	CPT	I	no				94-023	5/16/94	

WELL INSPECTION / MAINTENANCE SUMMARY

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GW-690	CPT	I	no				94-014	5/13/94	
GW-691	CPT	I	no				94-015	5/13/94	
GW-692	CPT	I	no				94-021	5/16/94	
GW-694	EXP B	A	no				94-100	7/20/94	94-040S
GW-695	EXP B	A	no				94-101	7/20/94	94-040S
GW-696	Y-12	I	no				94-018	5/13/94	
GW-697	Y-12	I	no				94-019	5/13/94	
GW-698	Y-12	I	no				94-016	5/13/94	
GW-699	Y-12	I	no				94-017	5/13/94	
GW-700	Y-12	I	no				94-012	5/13/94	
GW-701	Y-12	I	no				94-013	5/13/94	
GW-702	Y-12	I	no				94-011	5/13/94	
GW-703	EXP B	A	no				94-098	7/20/94	94-040S
GW-704	EXP B	A	no				94-099	7/20/94	94-040S
GW-705	EXP B	I	no				94-518	12/20/94	94-040S
GW-706	EXP B	A	no				94-519	12/20/94	94-040S
GW-709	SL II EXP	A	no				94-257	9/22/94	
GW-710	EXP W	A	no				94-111	7/28/94	94-006S
GW-711	EXP W	A	no				94-112	7/28/94	94-046S
GW-712	EXP W	A	no				94-113	7/28/94	
GW-713	EXP W	A	no				94-114	7/28/94	
GW-714	EXP W	A	no				94-115	7/28/94	
GW-715	EXP W	A	no				94-116	7/28/94	
GW-722	NHP	I	no				94-241	9/22/94	

WELL INSPECTION / MAINTENANCE SUMMARY

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GW-723	EXP C	A	no				94-154	8/4/94	
GW-724	EXP C	A	no				94-164	8/8/94	
GW-725	EXP C	A	no				94-159	8/8/94	94-040S
GW-726	BG	I	no				94-059	6/13/94	
GW-727	BG	I	no				94-060	6/13/94	
GW-728	BG	I	no				94-061	6/13/94	
GW-729	BG	I	no				94-062	6/13/94	94-034S
GW-730	BG	I	no				94-063	6/13/94	
GW-731	CRSDB	A	no				94-233	9/21/94	94-057P
GW-732	CRSDB	A	no				94-234	9/21/94	94-020S
GW-733	EXP J	A	no				94-240	9/22/94	
GW-734	EXP J	I	no				94-242	9/22/94	94-028P
GW-735	EXP J	A	no				94-243	9/22/94	
GW-736	EXP C	A	no				94-158	8/8/94	94-040S
GW-737	EXP C	A	no				94-157	8/8/94	94-040S
GW-738	EXP C	A	no				94-163	8/8/94	
GW-739	EXP C	A	no				94-155	8/4/94	
GW-740	EXP C	A	no				94-156	8/4/94	
GW-742	CRSP	A	no				94-404	11/8/94	94-033S
GW-743	CRSP	A	no				94-405	11/8/94	94-033S
GW-744	Grid K	A	no				94-217	8/19/94	
GW-745	Grid K	A	no				94-216	8/19/94	
GW-746	Grid K	A	no				94-215	8/19/94	
GW-747	Grid K	A	no				94-220	8/19/94	

WELL INSPECTION / MAINTENANCE SUMMARY

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GW-748	Grid K	A	no				94-219	8/19/94	
GW-749	Grid K	A	no				94-218	8/19/94	
GW-750	EXP J	A	no				94-244	9/22/94	
GW-751	Grid J3	A	no				94-273	9/27/94	
GW-752	Grid J3	A	no				94-272	9/27/94	
GW-753	Y-12 Grid	I	no				94-270	9/27/94	
GW-754	Y-12 Grid	I	no				94-271	9/27/94	
GW-755	Y-12 Grid	I	no				94-268	9/27/94	
GW-758	Y-12 Grid	I	no				94-269	9/27/94	
GW-757	SL II EXP	A	no				94-263	9/23/94	
GW-758	Grid E	A	no				94-528	12/21/94	
GW-759	Grid E	A	no				94-521	12/21/94	
GW-760	Grid E	A	no				94-522	12/21/94	
GW-761	Grid E	A	no				94-523	12/21/94	
GW-762	Grid J	A	no				94-529	12/21/94	
GW-763	Grid J	A	no				94-530	12/21/94	
GW-764	Grid E	A	no				94-526	12/21/94	
GW-765	Grid E	A	no				94-527	12/21/94	
GW-766	Grid I2	A	no				94-387	11/2/94	
GW-767	Grid I2	A	no				94-386	11/2/94	
GW-768	RDS	A	no				94-381	11/2/94	
GW-769	Grid G	A	no				94-507	12/20/94	
GW-770	Grid G	A	no				94-508	12/20/94	
GW-771	Grid C	A	no				94-525	12/21/94	

WELL INSPECTION / MAINTENANCE SUMMARY

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GW-772	Grid C	A	no				94-524	12/21/94	
GW-773	Grid H2	A	no				94-389	11/2/94	
GW-774	Grid H2	A	no				94-388	11/2/94	
GW-775	Grid H	A	no				94-505	12/20/94	94-001PS
GW-776	Grid H	A	no				94-506	12/20/94	94-001PS
GW-777	Grid B2	A	no				94-037	4/25/94	
GW-778	Grid B2	A	no				94-038	4/25/94	
GW-779	Grid F2	A	yes	94-15		4/1/94	94-039	4/25/94	
GW-780	Grid F2	A	yes	94-15		4/1/94	94-040	4/25/94	
GW-781	Grid E3	A	yes	94-15		4/1/94	94-041	4/25/94	
GW-782	Grid E3	A	yes	94-15		4/1/94	94-042	4/25/94	
GW-783	Grid E3	A	yes	94-15		4/1/94	94-043	4/25/94	
GW-784	Grid D	A	yes	94-15		4/1/94	94-104	7/25/94	
GW-785	Grid D	A	yes	94-15		4/1/94	94-105	7/25/94	
GW-786	Grid E2	A	yes	94-15		4/1/94	94-046	4/25/94	
GW-787	Grid E2	A	yes	94-15		4/1/94	94-047	4/25/94	
GW-788	Grid F3	A	yes	94-15		4/1/94	94-048	4/25/94	
GW-789	Grid F3	A	yes	94-15		4/1/94	94-049	4/25/94	
GW-790	BG	I	no				94-064	6/13/94	
GW-791	Grid D	A	yes	94-15		4/1/94	94-102	7/25/94	
GW-792	Grid D	A	yes	94-15		4/1/94	94-103	7/25/94	
GW-793	LLWAGSF	A	no				94-533	12/21/94	
GW-794	LLWAGSF	A	no				94-117	7/28/94	
GW-795	LLWAGSF	A	no				94-134	8/4/94	

WELL INSPECTION / MAINTENANCE SUMMARY

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GW-796	SPAD	A	no				94-316	10/25/94	94-015S
GW-797	SPAD	A	no				94-531	12/21/94	94-011S, 94-037S
GW-798	SPAD	A	no				94-058	5/30/94	
GW-799	SPAD	A	no				94-057	5/30/94	94-010S
GW-800	OL	A	no				94-141	8/4/94	94-040S
GW-801	SPAD	A	no				94-532	12/21/94	94-014S
GW-802	FF	I	no				94-065	4/25/94	
GW-803	FF	I	no				94-066	4/25/94	
GW-804	FF	I	no				94-067	4/25/94	
GW-811	SPI	I	no				94-052	5/20/94	
GW-812	SPI	I	no				94-053	5/20/94	
GW-813	S3 Area	I	no				94-054	5/20/94	
GW-814	S3 Area	I	no				94-055	5/20/94	
GW-815	S3 Area	I	no				94-056	5/20/94	
GW-816	EXP	A	yes	94-22		7/1/94	94-666	6/17/94	94-051S
GW-817	EXP	A	yes	94-22		7/1/94	94-665	6/17/94	94-051S
GW-818	Y-12	I	no				94-068	6/23/94	94-045S
GW-819	Y-12	I	no				94-069	6/23/94	94-045S
GW-820	Y-12	I	no				94-070	6/23/94	94-045S
LL/HAZ-01	GBR	I	no				94-596	6/14/94	
LL/HAZ-02	GBR	I	no				94-595	6/14/94	
LL/HAZ-03	GBR	I	no				94-584	6/14/94	
LL/HAZ-04	GBR	I	no				94-598	6/15/94	
LL/HAZ-05	GBR	I	no				94-605	6/15/94	

WELL INSPECTION / MAINTENANCE SUMMARY

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LL/HAZ-06	GBR	I	no				94-585	6/14/94	
LL/HAZ-07	GBR	I	no				94-659	6/14/94	
LL/HAZ-08	GBR	I	no				94-592	6/14/94	
LL/HAZ-09	GBR	I	no				94-590	6/14/94	
LL/HAZ-10	GBR	I	no				94-591	6/14/94	
LL/HAZ-11	GBR	I	no				94-589	6/14/94	
LL/HAZ-12	GBR	I	no				94-587	6/14/94	
LL/HAZ-13	GBR	I	no				94-593	6/14/94	
LL/HAZ-14	GBR	I	no				94-588	6/14/94	
LL/HAZ-15	GBR	I	no				94-586	6/14/94	

APPENDIX B
ACTIVE WELL INSPECTIONS

SITE EXPLANATION

(1) LOCATION

B-4	Beta-4 Security Pits
BCR	Bear Creek Road
BG	Bear Creek Burial Grounds Waste Management Area
CP	Y-12 Coal Pile
CRDT-10	Chestnut Ridge Deer Trap 10
CRSDB	Chestnut Ridge Sediment Disposal Basin
CRSP	Chestnut Ridge Security Pits
ECRWP	East Chestnut Ridge Waste Pile
EXP-A	Exit-Pathway-Traverse A
EXP-B	Exit-Pathway-Traverse B
EXP-BCHR	Exit-Pathway Bear Creek Hydrologic Regime
EXP-UEFPCHR	Exit-Pathway Upper East Fork Poplar Creek Hydrologic Regime
FAP	Fly Ash Pit
FF	Bldgs. 9754 & 9754-2 Fuel Facility
Grid	Phase 1; Groundwater Contaminant Assessment Program
GBR	Gum Branch Road
GC	Grassy Creek
IL III	Industrial Landfill III
IL IV	Industrial Landfill IV
KHQ	Kerr Hollow Quarry
LDS	Lysimeter Demonstration Site
NHP	New Hope Pond
OL	Oil Landfarm Waste Management Area
ORSF	Oak Ridge Sludge Farm
RDS	Ravine Disposal Site
RG	Rust Garage
RQ	Rogers Quarry
RS	Rust Spoil Area
S 2	S 2 Site
S 3	S 3 Site
SL II	Sanitary Landfill II
SPI	Spoil Area I
SL II EXP	Sanitary Landfill II Expansion
SR	Scarboro Road
SY	Y-12 Salvage Yard
T0134-U	Tank 0134-U
T2331-U	Tank 2331-U
UNC	United Nuclear Corporation Site
UOV	Uranium Oxide Vault
USGS	United States Geological Survey
WCPA	Waste Coolant Processing Area
Y-12	Y-12 Plant

(2) N/A

Information Not Available

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-347

WELL INFORMATION			
Well Number: <u>1090</u>	Screen or Open Interval Length: <u>No info.</u> ft.		
Site: <u>UNC</u>	Constructed Depth: <u>No info.</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>97.9</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u> </u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)	☒ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 <u>94-061S</u>	
COMMENTS			
<u>Posts need paint.</u> 			
Inspection Date: <u>11/1/94</u>		Inspected By: <u>McMaster/Jones</u>	

WELL INFORMATION			
Well Number: <u>GW-040</u>	Screen or Open Interval Length: <u>2.0</u> ft.		
Size: <u>B G</u>	Constructed Depth: <u>31.6</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>33.3</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: <u>Contact Health Physics for entry (Rad area)</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____	
COMMENTS			
Inspection Date: <u>11/30/94</u> Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-465

WELL INFORMATION			
Well Number: <u>GW-042</u>	Screen or Open Interval Length: <u>2.0</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>30.3</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>32.0</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Contact Health Physics for entry into burial ground (Rad area)</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
<u>Well Wizard installation; removed and replaced for measurement.</u>			
Inspection Date: <u>11/30/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-322

WELL INFORMATION			
Well Number: <u>GW-043</u>	Screen or Open Interval Length: <u>10.0</u>	ft.	
Site: <u>O L</u>	Constructed Depth: <u>34.5</u>	ft.	
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>38.3</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)	☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 <u>94-003S</u>	
COMMENTS			
<u>Well Wizard installation, removed and replaced for measurement. Posts need paint.</u>			
Inspection Date: <u>10/28/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-321

WELL INFORMATION							
Well Number:	GW-044	Screen or Open Interval Length:	10.0	ft.			
Site:	O L	Constructed Depth:	61.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒		
2. Is the PVC well casing cracked or broken?							☒
3. Is a protective surface casing installed (PVC well only)?							☒
4. Is the protective casing corroded, bent, or broken?							☒
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒					
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:						63.4	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒					
5. Do any obstructions occur within the well?		☒					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?						☒	
2. Is the well number legible?						☒	
3. Is the well identification number correct?						☒	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?							☒
2. Is the pad cracked or deteriorated?							☒
3. Is the pad sloped to prevent water from ponding around the casing?							☒
GUARD POSTS:							
1. Are the guardposts damaged?		☒					
2. Are the guardposts positioned to prevent collision damage to well?						☒	
3. Are the guardposts of adequate height?						☒	
4. Is the high-traffic yellow paint degraded?						☒	
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-003S			
COMMENTS							
Well Wizard installation, removed and replaced for measurement. Posts need paint.							
Inspection Date:		10/28/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-129

WELL INFORMATION							
Well Number:	GW-047	Screen or Open Interval Length:	5.0	ft.			
Site:	B G	Constructed Depth:	26.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					26.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well Wizard installation; removed and replaced for measurement.							
Inspection Date:		8/3/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-393

WELL INFORMATION			
Well Number: <u>GW-053</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>33.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>35.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div></div>			
Inspection Date: <u>11/7/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-092

WELL INFORMATION							
Well Number:	GW-056	Screen or Open Interval Length:	2.0	ft.			
Site:	B G	Constructed Depth:	59.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					58.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					22	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well Wizard installation; removed and replaced. No rehab. needed; depth discrepancy not by siltation.							
Inspection Date:		7/20/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-091

WELL INFORMATION							
Well Number:	<u>GW-057</u>	Screen or Open Interval Length:	<u>2.0</u>	ft.			
Site:	<u>B G</u>	Constructed Depth:	<u>25.3</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>24.8</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>25</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Well Wizard installation; removed and replaced for measurement. No rehab. needed, depth discrepancy not by siltation.</u> _____ _____							
Inspection Date:		<u>7/20/94</u>		Inspected By:		<u>McMaster</u>	

INSPECTION NO.: 94-087

B-10

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-402

WELL INFORMATION							
Well Number:	GW-064	Screen or Open Interval Length:	2.0	ft.			
Site:	RS	Constructed Depth:	55.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					55.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-040S					
COMMENTS							
Inspection Date:		11/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-283

WELL INFORMATION							
Well Number:	GW-069	Screen or Open Interval Length:	10.2	ft.			
Site:	B G	Constructed Depth:	102.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒	☐	
2. Is the PVC well casing cracked or broken?					☐	☒	
3. Is a protective surface casing installed (PVC well only)?					☐	☒	
4. Is the protective casing corroded, bent, or broken?					☐	☒	
5. Is a weep located at the base of the protective casing?					☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	
2. Does the well have a waterproof steel / brass lock?					☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	
2. Measured depth of well from top of well casing:					101.9	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒			☒	☐	
5. Do any obstructions occur within the well?		☒			☒	☐	
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	
2. Is the well number legible?					☒	☐	
3. Is the well identification number correct?					☒	☐	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☒	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?		☒			☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	
3. Are the guardposts of adequate height?					☒	☐	
4. Is the high-traffic yellow paint degraded?		☒			☒	☐	
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well Wizard installation; removed and replaced for measurement.							
Inspection Date:		9/29/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-075

WELL INFORMATION			
Well Number:	GW-079	Screen or Open Interval Length:	5.0 ft.
Site:	B G	Constructed Depth:	68.3 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		65.5	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	94-0355	
COMMENTS			
No rehab. needed for well; see earlier inspections. Posts need painting.			
Inspection Date: 7/19/94		Inspected By: B. McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-076

WELL INFORMATION

Well Number: GW-080 Screen or Open Interval Length: 5.0 ft.
 Site: B G Constructed Depth: 33.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐

WELL SECURITY:

1. Does the well have a cap or lid?	☒	☒	☒
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		<u>33.2</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒

GUARD POSTS:

1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994
☐ Primary Item(s) ☐ Secondary Item(s) 94-035S

COMMENTS

Posts need painting. *Well Wizard installation; removed and replaced for measurement.

Inspection Date: 7/19/94

Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-323

WELL INFORMATION							
Well Number:	GW-084	Screen or Open Interval Length:	5.0	ft.			
Site:	O L	Constructed Depth:	30.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					30.5	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well Wizard installation, removed and replaced.							
Inspection Date:		10/28/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-166

WELL INFORMATION

Well Number: GW-085 Screen or Open Interval Length: 5.0 ft.
 Site: O L Constructed Depth: 61.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel/brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:					<u>62.6</u>	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994
☐ Primary Item(s) ☐ Secondary Item(s) 94-030S

COMMENTS

Inspection Date: 8/8/94

Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-395

WELL INFORMATION							
Well Number:	GW-095	Screen or Open Interval Length:	21.0	ft.			
Site:	B G	Constructed Depth:	158.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the haups firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					156.4	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					11	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-064P</u>					
COMMENTS							
<u>Well Wizard installation, removed and replaced for measurement. Pump head is cracked and needs replacement.</u>							
Inspection Date:		<u>11/7/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-545

WELL INFORMATION							
Well Number:	GW-115	Screen or Open Interval Length:	10.0	ft.			
Site:	S3	Constructed Depth:	54.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					No measurement ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well Wizard installation, could not remove due to obstruction in casing at approximately ground level. No measurement made.							
Inspection Date: <u>12/22/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-071

WELL INFORMATION			
Well Number: <u>GW-141</u>	Screen or Open Interval Length: <u>10.7</u> ft.		
Site: <u>LF IV</u>	Constructed Depth: <u>157.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing casing loose?	NO YES N/A ☒ ☒ ☐ ☐ ☒ ☒ ☒ ☒ ☒ ☐ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☐		
WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing?	☒ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐		
DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well?	☒ ☒ ☐ 159.4 ft. -- % ☒ ☒ ☐ ☒ ☒ ☐		
SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	NO YES N/A ☒ ☒ ☐ ☒ ☒ ☐		
WELL IDENTIFICATION: 1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	☒ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐		
CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?	☒ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐		
GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?	☒ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐		
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border: 1px solid black; min-height: 30px;"></div>			
Inspection Date: <u>7/6/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-332

WELL INFORMATION							
Well Number:	GW-142	Screen or Open Interval Length:	46.5	ft.			
Site:	KHQ	Constructed Depth:	297.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☐	☐	☒	☐	☐
2. Is the PVC well casing cracked or broken?		☐	☐	☐	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?		☐	☐	☐	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☐	☐	☐	☐	☒
5. Is a weep located at the base of the protective casing?		☐	☐	☐	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐	☐	☐	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?		☐	☐	☐	☒	☐	☐
2. Does the well have a waterproof steel/brass lock?		☐	☐	☐	☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☐	☐	☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☐	☐	☐	☒	☐	☐
2. Measured depth of well from top of well casing:					299.0	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐	☐	☐	☐	☐
5. Do any obstructions occur within the well?		☒	☐	☐	☐	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☐	☐	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____		☒	☐	☐	☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☐	☐	☐	☒	☐	☐
2. Is the well number legible?		☐	☐	☐	☒	☐	☐
3. Is the well identification number correct?		☐	☐	☐	☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☐	☐	☐	☒	☐	☐
2. Is the pad cracked or deteriorated?		☐	☐	☐	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☐	☐	☐	☐	☒
GUARD POSTS:							
1. Are the guard posts damaged?		☒	☐	☐	☐	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?		☐	☐	☐	☒	☐	☐
3. Are the guardposts of adequate height?		☐	☐	☐	☒	☐	☐
4. Is the high-traffic yellow paint degraded?		☐	☐	☐	☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☒ Secondary Item(s)		<u>94-060S</u>			
COMMENTS							
<u>Pad needs replacement, posts need painting.</u>							
Inspection Date:		<u>11/1/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-336

WELL INFORMATION			
Well Number:	GW-143	Screen or Open Interval Length:	48.0 ft.
Site:	KHQ	Constructed Depth:	255.1 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			
		NO	YES
		N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		253.2	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		< 5	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
		N/A	
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☒ Secondary Item(s)	94-060S	
COMMENTS			
Paint posts.			
Inspection Date: 11/1/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-333

WELL INFORMATION	
Well Number: <u>GW-144</u>	Screen or Open Interval Length: <u>40.0</u> ft.
Site: <u>KHQ</u>	Constructed Depth: <u>192.9</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☐	☒	☒
2. Is the PVC well casing cracked or broken?				☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?				☒	☒	☐
4. Is the protective casing corroded, bent, or broken?				☒	☐	☐
5. Is a weep located at the base of the protective casing?				☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel/brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:					<u>194.1</u>	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☒ Secondary Item(s) 94-060S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-338

WELL INFORMATION			
Well Number: <u>GW-145</u>	Screen or Open Interval Length: <u>20.0</u> ft.		
Site: <u>KHQ</u>	Constructed Depth: <u>111.3</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>113.4</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☒ Secondary Item(s)	<u>94-005S, 94-060S</u>	
COMMENTS			
<u>Posts need paint.</u>			
Inspection Date: <u>11/1/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-337

WELL INFORMATION	
Well Number: <u>GW-146</u>	Screen or Open Interval Length: <u>30.0</u> ft.
Site: <u>KHQ</u>	Constructed Depth: <u>221.2</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>216.9</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>14</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	NO	YES	N/A
	☒	☒	☐
	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)

☒ Secondary Item(s)

94-005S, 94-048P

COMMENTS

Paint posts.

Inspection Date: 11/1/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-339

WELL INFORMATION			
Well Number: <u>GW-147</u>	Screen or Open Interval Length: <u>15.0</u> ft.		
Site: <u>KHQ</u>	Constructed Depth: <u>71.3</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>72.8</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☒ Secondary Item(s)	<u>94-060S</u>	
COMMENTS			
<u>Paint posts.</u>			
<u> </u>			
Inspection Date: <u>11/1/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-278

WELL INFORMATION

Well Number: GW-148 Screen or Open Interval Length: 5.5 ft.
 Site: NHP Constructed Depth: 13.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☐	☒	☒
2. Is the PVC well casing cracked or broken?				☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?				☒	☒	☐
4. Is the protective casing corroded, bent, or broken?				☒	☐	☐
5. Is a weep located at the base of the protective casing?				☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel/brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:					<u>14.0</u>	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guard posts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994
☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Well located behind steel guard-rail.

Inspection Date: 9/27/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-277

WELL INFORMATION							
Well Number:	GW-149	Screen or Open Interval Length:	14.5	ft.			
Site:	NHP	Constructed Depth:	50.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel/brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					50.4	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guard posts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well located behind steel guard-rail.							
Inspection Date:		9/27/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-429

WELL INFORMATION			
Well Number: <u>GW-151</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Size: <u>NHP</u>	Constructed Depth: <u>98.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>99.5</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☒ Secondary Item(s)	<u>94-053S</u>	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>11/14/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-279

WELL INFORMATION			
Well Number: <u>GW-153</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>NHP</u>	Constructed Depth: <u>62.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☐
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?		☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		<u>60.9</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>15</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-054S</u>	
COMMENTS			
<u>Pad needs replacement.</u>			
Inspection Date: <u>9/27/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-551

WELL INFORMATION							
Well Number:	GW-154	Screen or Open Interval Length:	5.0	ft.			
Site:	NHP	Constructed Depth:	13.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?							☒
2. Is the PVC well casing cracked or broken?		☒					
3. Is a protective surface casing installed (PVC well only)?						☒	
4. Is the protective casing corroded, bent, or broken?		☒					
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒					
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:					13.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					6	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒					
5. Do any obstructions occur within the well?		☒					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?		☒					
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?						☒	
2. Is the well number legible?						☒	
3. Is the well identification number correct?						☒	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?						☒	
2. Is the pad cracked or deteriorated?		☒					
3. Is the pad sloped to prevent water from ponding around the casing?						☒	
GUARD POSTS:							
1. Are the guardposts damaged?		☒					
2. Are the guardposts positioned to prevent collision damage to well?						☒	
3. Are the guardposts of adequate height?						☒	
4. Is the high-traffic yellow paint degraded?		☒					
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		12/22/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-235

WELL INFORMATION							
Well Number:	<u>GW-156</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>CRSDB</u>	Constructed Depth:	<u>159.2</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?		☒			☒	☐	☐
4. Is the protective casing corroded, bent, or broken?		☒			☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>157.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>15</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒			☒	☐	☐
5. Do any obstructions occur within the well?		☒			☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒			☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒			☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?		☒			☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?		☒			☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?		☒			☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		<u>9/21/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-221

WELL INFORMATION							
Well Number:	<u>GW-158</u>	Screen or Open Interval Length:	<u>85.0</u>	ft.			
Site:	<u>CRSDB</u>	Constructed Depth:	<u>442.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☐	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>442.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div></div>							
Inspection Date:		<u>9/20/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-232

WELL INFORMATION							
Well Number:	GW-159	Screen or Open Interval Length:	10.0	ft.			
Site:	CRSDB	Constructed Depth:	159.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel/brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:						155.9	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length						See comments	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well depth is acceptable; error in original construction record.							
Inspection Date:		9/21/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-228

WELL INFORMATION	
Well Number: <u>GW-160</u>	Screen or Open Interval Length: <u>30.0</u> ft.
Site: <u>LF III</u>	Constructed Depth: <u>237.4</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☒	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☐	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel/brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>225.4</u>	<u>ft.</u>	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length				<u>40</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☐	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☒ Primary Item(s) ☒ Secondary Item(s) 94-036S, 94-056PS

COMMENTS

Well needs redevelopment before sampling again. Concrete pad needs replacement.

Inspection Date: 9/20/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-227

WELL INFORMATION			
Well Number:	GW-161	Screen or Open Interval Length:	50.0 ft.
Site:	LF III	Constructed Depth:	402.6 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		402.9	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☒ Secondary Item(s)	<u>94-036S</u>	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>9/20/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-196

WELL INFORMATION			
Well Number: <u>GW-162</u>	Screen or Open Interval Length: <u>33.0</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>126.2</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>127.9</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Inspection Date: <u>8/15/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-442

WELL INFORMATION			
Well Number: <u>GW-169</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>USGS</u>	Constructed Depth: <u>36.6</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ NO	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		<u>36.3</u>	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		<u>6</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well Wizard installation, removed and replaced for measurement.			
Inspection Date: <u>11/14/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-421

WELL INFORMATION	
Well Number: <u>GW-170</u>	Screen or Open Interval Length: <u>52.9</u> ft.
Site: <u>USGS</u>	Constructed Depth: <u>158.6</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☒	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☐	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel/brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?				☒	☐	☒
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>106.4</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length				<u>See comments</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☐	☒	☒
5. Do any obstructions occur within the well?				☐	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)

☒ Secondary Item(s)

94-004P, 94-043S

COMMENTS

Obstruction in this well at 106.4 ft. below top of casing. Does not seem to affect monitoring for quarterly sampling or water levels.
Existing water-tight cap needs replacement with standard cap and hasp.

Inspection Date: 11/14/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-573

WELL INFORMATION			
Well Number: <u>GW-171</u>	Screen or Open Interval Length: <u>4.4</u> ft.		
Site: <u>USGS</u>	Constructed Depth: <u>32.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☒	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>31.0</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>See comments</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-017PS, 94-051S</u>	
COMMENTS			
<u>This well was redeveloped in September '94 before sampling, and well depth tagged at the time of completion was 31.0'.</u>			
<u>Well condition is satisfactory.</u>			
Inspection Date: <u>11/21/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-574

WELL INFORMATION							
Well Number:	<u>GW-172</u>	Screen or Open Interval Length:	<u>28.8</u>	ft.			
Site:	<u>USGS</u>	Constructed Depth:	<u>135.5</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					<u>134.4</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-019PS</u>			
COMMENTS							
Inspection Date:		<u>11/21/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-344

WELL INFORMATION			
Well Number: <u>GW-175</u>	Screen or Open Interval Length: <u>15.8</u> ft.		
Site: <u>CRSP</u>	Constructed Depth: <u>168.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		<u>169.5</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒
5. Do any obstructions occur within the well?		☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☒
3. Is the well identification number correct?		☒	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☒	☒
4. Is the high-traffic yellow paint degraded?		☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div></div>			
Inspection Date: <u>11/1/94</u>		Inspected By: <u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-361

WELL INFORMATION						
Well Number: <u>GW-177</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>CRSP</u>	Constructed Depth: <u>145.5</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>150.6</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐	☒	
3. Are the guardposts of adequate height?			☒	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
_____ _____ _____						
Inspection Date: <u>11/1/94</u>			Inspected By: <u>McMaster/Jones</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-314

WELL INFORMATION			
Well Number: <u>GW-181</u>	Screen or Open Interval Length: <u>13.0</u> ft.		
Site: <u>CRSP</u>	Constructed Depth: <u>170.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>167.7</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>21</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☒ Primary Item(s)	☒ Secondary Item(s)	<u>94-058PS</u>	
COMMENTS			
<u>Well needs rehabilitation and posts need paint.</u>			
Inspection Date: <u>10/25/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-248

WELL INFORMATION							
Well Number: <u>GW-184</u>		Screen or Open Interval Length: <u>20.0</u> ft.					
Site: <u>RQ</u>		Constructed Depth: <u>130.5</u> ft.					
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>131.5</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.					Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)		☐ Secondary Item(s)			_____		
COMMENTS							
<p align="center">Well has protective casing installed.</p>							
Inspection Date: <u>9/22/94</u>				Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-425

WELL INFORMATION			
Well Number: <u>GW-186</u>	Screen or Open Interval Length: <u>20.0</u> ft.		
Site: <u>R Q</u>	Constructed Depth: <u>173.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☒	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>172.1</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-036S</u>	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>11/14/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-254

WELL INFORMATION			
Well Number: <u>GW-187</u>	Screen or Open Interval Length: <u>15.0</u> ft.		
Site: <u>R Q</u>	Constructed Depth: <u>164.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>163.5</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-041S</u>	
COMMENTS			
<u>Posts need painting and weep installed.</u>			
Inspection Date: <u>9/22/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-251

WELL INFORMATION			
Well Number:	GW-188	Screen or Open Interval Length:	15.0 ft.
Site:	R Q	Constructed Depth:	70.3 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:		☐ Steel ☐ Stainless Steel ☒ PVC	NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☐
4. Is the protective casing corroded, bent, or broken?		☒	☐
5. Is a weep located at the base of the protective casing?		☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		73.3	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES N/A
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-041S</u>	
COMMENTS			
<u>Posts need painting, well needs weep.</u> 			
Inspection Date: <u>9/22/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-109

WELL INFORMATION			
Well Number:	GW-191	Screen or Open Interval Length:	10.0 ft.
Site:	B-4	Constructed Depth:	63.5 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☐
4. Is the protective casing corroded, bent, or broken?		☒	☐
5. Is a weep located at the base of the protective casing?		☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		65.2	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Inspection Date: <u>7/25/94</u>		Inspected By: <u>J. Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-110

WELL INFORMATION			
Well Number: <u>GW-192</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>B-4</u>	Constructed Depth: <u>20.1</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>20.8</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>7/25/94</u>		Inspected By: <u>J. Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-107

WELL INFORMATION							
Well Number:	GW-194	Screen or Open Interval Length:	5.0	ft.			
Site:	B-4	Constructed Depth:	15.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☒	☒	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					15.9	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☒
3. Are the guardposts of adequate height?					☒	☒	☒
4. Is the high-traffic yellow paint degraded?					☒	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ Pad needs replacement. _____							

Inspection Date: <u>7/25/94</u>		Inspected By: <u>J. Sitzler</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-108

WELL INFORMATION																													
Well Number: <u>GW-195</u>	Screen or Open Interval Length: <u>6.0</u> ft.																												
Site: <u>B-4</u>	Constructed Depth: <u>25.7</u> ft.																												
PRIMARY INSPECTION ITEMS:																													
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;"></th> <th style="width: 33%; text-align: center;">NO</th> <th style="width: 33%; text-align: center;">YES</th> <th style="width: 33%; text-align: center;">N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td>3. Is a protective surface casing installed (PVC well only)?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> </tr> <tr> <td>4. Is the protective casing corroded, bent, or broken?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☒</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> </tr> </tbody> </table>		NO	YES	N/A	1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒	2. Is the PVC well casing cracked or broken?	☒	☐	☐	3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐	4. Is the protective casing corroded, bent, or broken?	☒	☐	☒	5. Is a weep located at the base of the protective casing?	☒	☐	☐	6. Is the steel, stainless steel, or PVC well casing loose?	☐	☒	☐
	NO	YES	N/A																										
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6. Is the steel, stainless steel, or PVC well casing loose?	☐	☒	☐																										
WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel / brass lock? 3. Are the hasps firmly welded to well cap and / or metal casing?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> </tbody> </table>	☐	☒	☐	☐	☒	☐	☐	☒	☐																			
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CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> </tbody> </table>	☐	☒	☐	☐	☒	☐	☐	☒	☐																			
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GUARD POSTS: 1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td></tr> </tbody> </table>	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒																
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WELL MAINTENANCE REQUEST																													
Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994																													
☐ Primary Item(s) ☐ Secondary Item(s)	_____																												
COMMENTS																													
Well needs ID tag; concrete pad needs replacement.																													

Inspection Date: <u>7/25/94</u>	Inspected By: <u>J. Sitzler</u>																												

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-380

WELL INFORMATION

Well Number: GW-199

Screen or Open Interval Length: 5.0 ft.

Site: RDS

Constructed Depth: 25.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

2. Is the PVC well casing cracked or broken?

3. Is a protective surface casing installed (PVC well only)?

4. Is the protective casing corroded, bent, or broken?

5. Is a weep located at the base of the protective casing?

6. Is the steel, stainless steel, or PVC well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

2. Does the well have a waterproof steel / brass lock?

3. Are the hasps firmly welded to well cap and / or metal casing?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

2. Measured depth of well from top of well casing:

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

2. Is the pad cracked or deteriorated?

3. Is the pad sloped to prevent water from ponding around the casing?

GUARD POSTS:

1. Are the guardposts damaged?

2. Are the guardposts positioned to prevent collision damage to well?

3. Are the guardposts of adequate height?

4. Is the high-traffic yellow paint degraded?

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)☐ Secondary Item(s)

COMMENTS

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-351

WELL INFORMATION			
Well Number:	GW-203	Screen or Open Interval Length:	10.0 ft.
Site:	UNC	Constructed Depth:	159.0 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed (PVC well only)?		☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☐	☒
2. Does the well have a waterproof steel / brass lock?		☐	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☐	☒
2. Measured depth of well from top of well casing:		154.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		See comments %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☐	☒
2. Is the well number legible?		☐	☒
3. Is the well identification number correct?		☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☐	☒
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☐	☒
3. Are the guardposts of adequate height?		☐	☒
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
See earlier inspections for explanation concerning depth discrepancy.			
Inspection Date: <u>11/1/94</u>		Inspected By: <u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-348

WELL INFORMATION						
Well Number: <u>GW-205</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>UNC</u>	Constructed Depth: <u>166.5</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☐	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>155.2</u> ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>See comments</u> %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☒	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<u>Refer to earlier inspections concerning well depth discrepancy.</u>						
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>11/1/94</u> Inspected By: <u>McMaster/Jones</u> </div>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-565

WELL INFORMATION			
Well Number: <u>GW-207</u>	Screen or Open Interval Length: <u>9.6</u> ft.		
Site: <u>USGS</u>	Constructed Depth: <u>113.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>113.4</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between; margin-top: 10px;"> Inspection Date: <u>11/18/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-566

WELL INFORMATION		Well Number: GW-208	Screen or Open Interval Length: 8.8	ft.																					
PRIMARY INSPECTION ITEMS:		Site: USGS	Constructed Depth: 416.1	ft.																					
<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"> WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC </td> <td style="width: 30%;"> WELL SECURITY: 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose? </td> <td style="width: 40%;"> <table border="0"> <tr> <td style="text-align: center;">NO</td> <td style="text-align: center;">YES</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> </table> </td> </tr> </table>					WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	WELL SECURITY: 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?	<table border="0"> <tr> <td style="text-align: center;">NO</td> <td style="text-align: center;">YES</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> </table>	NO	YES	N/A	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	WELL SECURITY: 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?	<table border="0"> <tr> <td style="text-align: center;">NO</td> <td style="text-align: center;">YES</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> </table>	NO	YES	N/A	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐					
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DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed Depth - Measured Depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well?																									
SECONDARY INSPECTION ITEMS																									
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:																									
WELL IDENTIFICATION: 1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?																									
CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?																									
GUARD POSTS: 1. Are the guard posts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?																									
WELL MAINTENANCE REQUEST																									
Complete only if any of the above shaded yes/no boxes are checked. Primary Item(s) ☐ Secondary Item(s) ☐ Request nos. for maintenance performed on this well in 1994: 94-063P																									
COMMENTS Well has mechanical packer installed. No measurement made.																									
Inspection Date: 11/18/94 Inspected By: McMasler																									

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-209

WELL INFORMATION			
Well Number: <u>GW-217</u>	Screen or Open Interval Length: <u>10.6</u> ft.		
Site: <u>IL IV</u>	Constructed Depth: <u>180.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>179.2</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>7</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-021S</u>	
COMMENTS			
<div></div>			
Inspection Date: <u>8/18/94</u>		Inspected By: <u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-427

WELL INFORMATION							
Well Number:	GW-220	Screen or Open Interval Length:	10.0	ft.			
Site:	NHP	Constructed Depth:	47.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?							☒
2. Is the PVC well casing cracked or broken?		☒					
3. Is a protective surface casing installed (PVC well only)?						☒	
4. Is the protective casing corroded, bent, or broken?		☒					
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒					
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:						49.0	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?							☒
5. Do any obstructions occur within the well?		☒					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?						☒	
2. Is the well number legible?						☒	
3. Is the well identification number correct?						☒	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?						☒	
2. Is the pad cracked or deteriorated?		☒					
3. Is the pad sloped to prevent water from ponding around the casing?						☒	
GUARD POSTS:							
1. Are the guardposts damaged?		☒					
2. Are the guardposts positioned to prevent collision damage to well?						☒	
3. Are the guardposts of adequate height?						☒	
4. Is the high-traffic yellow paint degraded?		☒					
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-053S					
COMMENTS							
Inspection Date:		11/14/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-352

WELL INFORMATION																			
Well Number: <u>GW-221</u>	Screen or Open Interval Length: <u>10.0</u> ft.																		
Site: <u>UNC</u>	Constructed Depth: <u>160.6</u> ft.																		
PRIMARY INSPECTION ITEMS:																			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	<table style="width:100%; text-align: center;"> <tr> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> <tr> <td>☐</td> <td>☒</td> <td>☒</td> </tr> <tr> <td>☒</td> <td>☐</td> <td>☒</td> </tr> <tr> <td>☐</td> <td>☒</td> <td>☒</td> </tr> <tr> <td>☒</td> <td>☐</td> <td>☒</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> </table>	NO	YES	N/A	☐	☒	☒	☒	☐	☒	☐	☒	☒	☒	☐	☒	☒	☒	☐
NO	YES	N/A																	
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1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?																			
WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel / brass lock? 3. Are the hasps firmly welded to well cap and / or metal casing?	<table style="width:100%; text-align: center;"> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐									
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DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well?	<table style="width:100%; text-align: center;"> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td></td> <td><u>157.0</u></td> <td>ft.</td> </tr> <tr> <td></td> <td><u>See comments</u></td> <td>%</td> </tr> <tr> <td>☐</td> <td>☒</td> <td>☒</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> </table>	☒	☒	☐		<u>157.0</u>	ft.		<u>See comments</u>	%	☐	☒	☒	☒	☒	☐			
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	<u>157.0</u>	ft.																	
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SECONDARY INSPECTION ITEMS																			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<table style="width:100%; text-align: center;"> <tr> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> </table>	NO	YES	N/A	☒	☒	☐	☒	☒	☐									
NO	YES	N/A																	
☒	☒	☐																	
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WELL IDENTIFICATION: 1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	<table style="width:100%; text-align: center;"> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐									
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CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?	<table style="width:100%; text-align: center;"> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐									
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GUARD POSTS: 1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?	<table style="width:100%; text-align: center;"> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> <tr> <td>☒</td> <td>☒</td> <td>☐</td> </tr> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐						
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☒	☒	☐																	
WELL MAINTENANCE REQUEST																			
Complete if any of the above shaded yes/no boxes are checked.																			
☐ Primary Item(s)	Request nos. for maintenance performed on this well in 1994 ☐ Secondary Item(s) _____																		
COMMENTS																			
<u>See previous inspections for explanation concerning depth discrepancy.</u> _____ _____																			
Inspection Date: <u>11/1/94</u>	Inspected By: <u>McMaster/Jones</u>																		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-552

WELL INFORMATION

Well Number: GW-222

Screen or Open Interval Length: 5.0 ft.

Site: NHP

Constructed Depth: 27.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?						☒
2. Is the PVC well casing cracked or broken?				☒		
3. Is a protective surface casing installed (PVC well only)?					☒	
4. Is the protective casing corroded, bent, or broken?				☒		
5. Is a weep located at the base of the protective casing?						☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒		
WELL SECURITY:						
1. Does the well have a cap or lid?					☒	
2. Does the well have a waterproof steel / brass lock?					☒	
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?					☒	
2. Measured depth of well from top of well casing:					28.1	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒		
5. Do any obstructions occur within the well?				☒		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	
2. Is the well number legible?		☒	
3. Is the well identification number correct?		☒	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	
2. Is the pad cracked or deteriorated?	☒		
3. Is the pad sloped to prevent water from ponding around the casing?		☒	
GUARD POSTS:			
1. Are the guardposts damaged?	☒		
2. Are the guardposts positioned to prevent collision damage to well?		☒	
3. Are the guardposts of adequate height?		☒	
4. Is the high-traffic yellow paint degraded?	☒		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)☐ Secondary Item(s)

94-044S

COMMENTS

Inspection Date: 12/22/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-553

WELL INFORMATION			
Well Number: <u>GW-223</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>NHP</u>	Constructed Depth: <u>92.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>92.9</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☒ Secondary Item(s)	<u>94-044S</u>	
COMMENTS			
Inspection Date: <u>12/22/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-575

WELL INFORMATION							
Well Number:	GW-230	Screen or Open Interval Length:	65.4	ft.			
Site:	USGS	Constructed Depth:	407.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☐	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel/brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					406.7	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-018PS</u>			
COMMENTS							
Inspection Date: <u>11/21/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-335

WELL INFORMATION						
Well Number:	GW-231		Screen or Open Interval Length:	10.0	ft.	
Site:	KHQ		Constructed Depth:	37.1	ft.	
PRIMARY INSPECTION ITEMS:						
WELL CASINGS:			☐ Steel	☐ Stainless Steel	☒ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☒	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☒	☐	
5. Is a weep located at the base of the protective casing?			☒	☒	☒	
6. Is the steel, stainless steel, or PVC well casing casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:				37.8	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length				--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guard posts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete only if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☒ Secondary Item(s)		94-060S	
COMMENTS						
Paint posts.						
Inspection Date: 11/1/94						
Inspected By: McMaster						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-423

WELL INFORMATION			
Well Number: <u>GW-232</u>	Screen or Open Interval Length: <u>10.7</u> ft.		
Site: <u>USGS</u>	Constructed Depth: <u>413.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>413.1</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☒ Secondary Item(s)	<u>94-004P, 94-043S</u>	
COMMENTS			
<u>Earlier measurements for this well resulted in depths of approximately 405 ft. which may have been an obstruction.</u> <u>Existing water-tight cap needs replacement with standard cap and hasp.</u>			
Inspection Date: <u>11/14/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-281

WELL INFORMATION			
Well Number: <u>GW-240</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>NHP</u>	Constructed Depth: <u>32.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>32.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-044S, 94-054S</u>	
COMMENTS			
<u>Pad needs replacement.</u>			
Inspection Date: <u>9/27/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-222

WELL INFORMATION							
Well Number:	GW-241	Screen or Open Interval Length:	21.0	ft.			
Site:	CRSDB	Constructed Depth:	101.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					98.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					18	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-002P					
COMMENTS							
Posts need painting. Soft tag for measurement.							
Inspection Date:		9/20/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-340

WELL INFORMATION			
Well Number: <u>GW-251</u>	Screen or Open Interval Length: <u>9.6</u> ft.		
Site: <u>S2</u>	Constructed Depth: <u>49.1</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>50.2</u>		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>11/1/94</u> Inspected By: <u>S.B. Jones</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-341

WELL INFORMATION							
Well Number:	<u>GW-252</u>	Screen or Open Interval Length:	<u>5.0</u>	ft.			
Site:	<u>S2</u>	Constructed Depth:	<u>50.3</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>51.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<p align="center"><i>Pad needs replacement.</i></p>							
Inspection Date:		<u>11/1/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-342

WELL INFORMATION							
Well Number:	GW-255	Screen or Open Interval Length:	10.0	ft.			
Site:	S2	Constructed Depth:	84.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒	☐	
2. Is the PVC well casing cracked or broken?					☐	☒	
3. Is a protective surface casing installed (PVC well only)?					☐	☒	
4. Is the protective casing corroded, bent, or broken?					☐	☒	
5. Is a weep located at the base of the protective casing?					☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒		☒	☐	
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	
2. Does the well have a waterproof steel / brass lock?					☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	
2. Measured depth of well from top of well casing:					84.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒		☒	☐	
5. Do any obstructions occur within the well?			☒		☒	☐	
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	
2. Is the well number legible?					☒	☐	
3. Is the well identification number correct?					☒	☐	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	
2. Is the pad cracked or deteriorated?			☒		☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	
GUARD POSTS:							
1. Are the guardposts damaged?			☒		☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	
3. Are the guardposts of adequate height?					☒	☐	
4. Is the high-traffic yellow paint degraded?			☒		☒	☐	
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		11/1/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-549

WELL INFORMATION							
Well Number:	<u>GW-261</u>	Screen or Open Interval Length:	<u>5.4</u>	ft.			
Site:	<u>S Y</u>	Constructed Depth:	<u>26.1</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>26.7</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		<u>12/22/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-548

WELL INFORMATION			
Well Number: <u>GW-262</u>	Screen or Open Interval Length: <u>10.4</u> ft.		
Site: <u>SY</u>	Constructed Depth: <u>73.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>72.2</u>		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>7</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)	☐ Secondary Item(s)		
		Request nos. for maintenance performed on this well in 1994 _____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>12/22/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-559

WELL INFORMATION							
Well Number:	GW-263	Screen or Open Interval Length:	5.3	ft.			
Site:	SY	Constructed Depth:	33.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					33.8	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____			
COMMENTS							
_____ No pad or post installation on this well but is satisfactory. _____							

Inspection Date: <u>11/18/94</u>		Inspected By: <u>McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-560

WELL INFORMATION			
Well Number:	GW-264	Screen or Open Interval Length:	10.2 ft.
Site:	SY	Constructed Depth:	73.5 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		74.2	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
No pad or post installation, well accessed by stairs and ramp.			
Inspection Date: 11/18/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-546

WELL INFORMATION	
Well Number: <u>GW-276</u>	Screen or Open Interval Length: <u>5.3</u> ft.
Site: <u>S3</u>	Constructed Depth: <u>20.8</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>21.4</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s)

COMMENTS

Inspection Date: 12/22/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-371

WELL INFORMATION			
Well Number: <u>GW-287</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>14.6</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Measured depth of well from top of well casing:	<u>15.1</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the guardposts of adequate height?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)	☐ Secondary Item(s)		
		Request nos. for maintenance performed on this well in 1994 _____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>11/2/94</u>		Inspected By: <u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-379

WELL INFORMATION							
Well Number:	GW-292	Screen or Open Interval Length:	10.7	ft.			
Site:	ECRWP	Constructed Depth:	187.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					187.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: 11/2/94				Inspected By: McMaster/Jones			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-378

WELL INFORMATION			
Well Number:	GW-293	Screen or Open Interval Length:	17.0 ft.
Site:	ECRWP	Constructed Depth:	216.2 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		216.4	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div></div>			
Inspection Date: 11/2/94		Inspected By: McMaster/Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-377

WELL INFORMATION							
Well Number:	GW-294	Screen or Open Interval Length:	10.4	ft.			
Site:	ECRWP	Constructed Depth:	129.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					130.8	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: 11/2/94 Inspected By: McMaster/Jones							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-376

WELL INFORMATION							
Well Number:	GW-296	Screen or Open Interval Length:	10.5	ft.			
Site:	ECRWP	Constructed Depth:	149.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					148.2	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					12	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div></div>							
Inspection Date:		11/2/94		Inspected By:		McMaster/Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-223

WELL INFORMATION							
Well Number:	GW-298	Screen or Open Interval Length:	10.0	ft.			
Site:	LF III	Constructed Depth:	188.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					189.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-036S			
COMMENTS							
Inspection Date: <u>9/20/94</u>				Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-224

WELL INFORMATION			
Well Number: <u>GW-299</u>	Screen or Open Interval Length: <u>10.8</u> ft.		
Site: <u>LF III</u>	Constructed Depth: <u>169.2</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>169.3</u>	<u>ft.</u>	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-036S</u>	
COMMENTS			
Inspection Date: <u>9/20/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-225

WELL INFORMATION							
Well Number:	GW-300	Screen or Open Interval Length:	10.6	ft.			
Site:	LF III	Constructed Depth:	147.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					149.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-036S			
COMMENTS							
Inspection Date: 9/20/94				Inspected By: McMaster			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-226

WELL INFORMATION							
Well Number:	GW-301	Screen or Open Interval Length:	10.0	ft.			
Site:	LF III	Constructed Depth:	163.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					165.4	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☒ Secondary Item(s)		<u>94-036S</u>			
COMMENTS							
Inspection Date: <u>9/20/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-350

WELL INFORMATION							
Well Number:	<u>GW-302</u>	Screen or Open Interval Length:	<u>10.3</u>	ft.			
Site:	<u>UNC</u>	Constructed Depth:	<u>136.9</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the harps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>136.8</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☒ Secondary Item(s)		<u>94-061S</u>			
COMMENTS							
<u>Posts need paint.</u>							
Inspection Date:		<u>11/1/94</u>		Inspected By:		<u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-237

WELL INFORMATION							
Well Number:	GW-303	Screen or Open Interval Length:	21.0	ft.			
Site:	CRSDB	Constructed Depth:	323.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					322.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					< 5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-022P					
COMMENTS							
Inspection Date:		9/21/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-231

WELL INFORMATION							
Well Number:	GW-304	Screen or Open Interval Length:	10.0	ft.			
Site:	CRSDB	Constructed Depth:	169.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					167.8	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					14	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-036S					
COMMENTS							
Inspection Date:		9/20/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-408

WELL INFORMATION			
Well Number: <u>GW-305</u>	Screen or Open Interval Length: <u>10.7</u> ft.		
Site: <u>LFIV</u>	Constructed Depth: <u>182.1</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>181.1</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>9</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>11/10/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-146

WELL INFORMATION							
Well Number: <u>GW-311</u>		Screen or Open Interval Length: <u>10.6</u> ft.					
Site: <u>RS</u>		Constructed Depth: <u>43.2</u> ft.					
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>43.6</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS:							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-044S</u>			
COMMENTS							
<div></div>							
Inspection Date: <u>8/4/94</u>				Inspected By: <u>McMaster/Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-147

WELL INFORMATION			
Well Number: <u>GW-312</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>RS</u>	Constructed Depth: <u>42.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>42.1</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>8</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ Posts need painting. _____ _____ _____			
Inspection Date: <u>8/4/94</u>		Inspected By: <u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-214

WELL INFORMATION							
Well Number:	GW-315	Screen or Open Interval Length:	10.0	ft.			
Site:	SPI	Constructed Depth:	105.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					106.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: <u>8/18/94</u> Inspected By: <u>McMaster/Sitzler</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-211

WELL INFORMATION							
Well Number:	GW-317	Screen or Open Interval Length:	11.0	ft.			
Site:	SPI	Constructed Depth:	132.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					133.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-052P					
COMMENTS							
Concrete pad is cracked, needs replacement.							
Inspection Date:		8/18/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-249

WELL INFORMATION							
Well Number:	GW-321	Screen or Open Interval Length:	10.7	ft.			
Site:	FAP	Constructed Depth:	100.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					100.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-037S</u>			
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>9/22/94</u> Inspected By: <u>McMaster</u> </div>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-495

WELL INFORMATION			
Well Number: <u>GW-337</u>	Screen or Open Interval Length: <u>5.4</u> ft.		
Site: <u>WCPA</u>	Constructed Depth: <u>25.3</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☐	☒
2. Measured depth of well from top of well casing:	--	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Well located inside radiological area</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☐	☐	☒
3. Is the well identification number correct?	☒	☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
<u>No measurement made, well located inside radiological area.</u>			
Inspection Date: <u>12/15/94</u>		Inspected By: <u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-106

WELL INFORMATION							
Well Number:	GW-338	Screen or Open Interval Length:	5.5	ft.			
Site:	WCPA	Constructed Depth:	20.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					20.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					17	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		<u>7/25/94</u>		Inspected By:		<u>J. Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-349

WELL INFORMATION							
Well Number:	GW-339	Screen or Open Interval Length:	10.3	ft.			
Site:	UNC	Constructed Depth:	116.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel/brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					116.8	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☒ Secondary Item(s)		<u>94-061S</u>			
COMMENTS							
<u>Posts need paint.</u>							
Inspection Date: <u>11/1/94</u> Inspected By: <u>McMaster/Jones</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-145

WELL INFORMATION							
Well Number:	GW-347	Screen or Open Interval Length:	15.8	ft.			
Site:	S3	Constructed Depth:	31.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel/brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					30.6	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					< 5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☒ Secondary Item(s)		94-036S			
COMMENTS							
<p style="text-align: center;">Posts need paint.</p>							
Inspection Date:		8/4/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-144

WELL INFORMATION			
Well Number:	GW-348	Screen or Open Interval Length:	10.4 ft.
Site:	S 3	Constructed Depth:	82.7 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	83.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-036S</u>	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>8/4/94</u> Inspected By: <u>McMaster/Sitzler</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-136

WELL INFORMATION							
Well Number:	GW-363	Screen or Open Interval Length:	25.0	ft.			
Site:	B G	Constructed Depth:	77.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☐	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					77.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	_____					
COMMENTS							
Inspection Date: <u>8/4/94</u>		Inspected By: <u>McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-204

WELL INFORMATION							
Well Number:	GW-370	Screen or Open Interval Length:	10.0	ft.			
Site:	B G	Constructed Depth:	35.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					35.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐			
2. Is the well number legible?			☒	☐			
3. Is the well identification number correct?			☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?			☒	☐			
2. Is the pad cracked or deteriorated?		☒	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐			
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐			
3. Are the guardposts of adequate height?			☒	☐			
4. Is the high-traffic yellow paint degraded?		☒	☒	☐			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-036S, 94-040S					
COMMENTS							
Inspection Date:		8/18/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-201

WELL INFORMATION

Well Number: GW-372 Screen or Open Interval Length: 10.0 ft.
 Site: B G Constructed Depth: 54.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐

WELL SECURITY:

1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		<u>54.2</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>5</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐

GUARD POSTS:

1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994
☐ Primary Item(s) ☐ Secondary Item(s) 94-040S

COMMENTS

Inspection Date: 8/18/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-200

WELL INFORMATION							
Well Number:	GW-373	Screen or Open Interval Length:	35.0	ft.			
Site:	B G	Constructed Depth:	160.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					159.1	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					< 5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-040S			
COMMENTS							
Inspection Date: 8/18/94				Inspected By: McMaster/Sitzler			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-513

WELL INFORMATION							
Well Number:	GW-380	Screen or Open Interval Length:	5.4	ft.			
Site:	NHP	Constructed Depth:	15.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					15.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Manhole installation.							
Inspection Date:		12/20/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-514

WELL INFORMATION			
Well Number: <u>GW-381</u>	Screen or Open Interval Length: <u>11.1</u> ft.		
Site: <u>NHP</u>	Constructed Depth: <u>60.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>50.9</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>See comments</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☐
5. Do any obstructions occur within the well?	☐	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Well is manhole installation. There is an obstruction in this well, also noted in previous inspections. Does not affect water levels or sampling efforts.</u>			
Inspection Date: <u>12/20/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-515

WELL INFORMATION

Well Number: GW-382

Screen or Open Interval Length: 48.0 ft.

Site: NHP

Constructed Depth: 173.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☒

Steel

☐

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

173.0

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

NO

YES

N/A

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain: _____

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☐☒

2. Is the pad cracked or deteriorated?

☐☒☒

3. Is the pad sloped to prevent water from ponding around the casing?

☒☐☒

GUARD POSTS:

1. Are the guardposts damaged?

☐☒☒

2. Are the guardposts positioned to prevent collision damage to well?

☒☐☒

3. Are the guardposts of adequate height?

☒☐☒

4. Is the high-traffic yellow paint degraded?

☐☒☒

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Inspection Date: 12/20/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-276

WELL INFORMATION							
Well Number:	GW-383	Screen or Open Interval Length:	5.0	ft.			
Site:	NHP	Constructed Depth:	25.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					26.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		9/27/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-274

WELL INFORMATION							
Well Number:	GW-384	Screen or Open Interval Length:	20.2	ft.			
Site:	NHP	Constructed Depth:	58.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					58.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)			_____			
COMMENTS							
Inspection Date: 9/27/94				Inspected By: McMaster			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-275

WELL INFORMATION							
Well Number:	GW-385	Screen or Open Interval Length:	55.0	ft.			
Site:	NHP	Constructed Depth:	181.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					180.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: <u>9/27/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-315

WELL INFORMATION							
Well Number:	<u>GW-511</u>	Screen or Open Interval Length:	<u>10.0</u>		ft.		
Site:	<u>CRSP</u>	Constructed Depth:	<u>155.8</u>		ft.		
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>156.1</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ Posts need painting. _____							

Inspection Date:		<u>10/25/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-318

WELL INFORMATION			
Well Number: <u>GW-512</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>FAP</u>	Constructed Depth: <u>63.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>64.4</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-036S</u>	
COMMENTS			
Inspection Date: <u>10/25/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-317

WELL INFORMATION							
Well Number:	GW-513	Screen or Open Interval Length:	10.0	ft.			
Site:	FAP	Constructed Depth:	127.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					127.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-036S			
COMMENTS							
Inspection Date: 10/25/94				Inspected By: McMaster			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-319

WELL INFORMATION					
Well Number: <u>GW-514</u>	Screen or Open Interval Length: <u>21.0</u> ft.				
Site: <u>FAP</u>	Constructed Depth: <u>197.5</u> ft.				
PRIMARY INSPECTION ITEMS:					
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC					
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">NO</td> <td style="width:33%; text-align: center;">YES</td> <td style="width:33%; text-align: center;">N/A</td> </tr> </table>		NO	YES	N/A
	NO	YES	N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> </table>	X			
X					
2. Is the PVC well casing cracked or broken?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> </tr> </table>			X	
		X			
3. Is a protective surface casing installed (PVC well only)?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> </tr> </table>			X	
		X			
4. Is the protective casing corroded, bent, or broken?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> </tr> </table>			X	
		X			
5. Is a weep located at the base of the protective casing?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> </tr> </table>			X	
		X			
6. Is the steel, stainless steel, or PVC well casing loose?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> </table>	X			
X					
WELL SECURITY:					
1. Does the well have a cap or lid?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
2. Does the well have a waterproof steel / brass lock?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
3. Are the hasps firmly welded to well cap and / or metal casing?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
DOWNHOLE CONDITION:					
1. Is a measurement reference point marked on the top of the well casing?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
2. Measured depth of well from top of well casing:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">197.2</td> <td style="width:33%; text-align: center;">ft.</td> </tr> </table>		197.2	ft.	
	197.2	ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">< 5</td> <td style="width:33%; text-align: center;">%</td> </tr> </table>		< 5	%	
	< 5	%			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> </table>	X			
X					
5. Do any obstructions occur within the well?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> </table>	X			
X					
SECONDARY INSPECTION ITEMS					
WELL ACCESS:					
1. Does the access road require grading or additional gravel?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> </table>	X			
X					
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> </table>	X			
X					
WELL IDENTIFICATION:					
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
2. Is the well number legible?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
3. Is the well identification number correct?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
CONCRETE PAD:					
1. Is a concrete pad installed (active wells only)?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
2. Is the pad cracked or deteriorated?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> </table>	X			
X					
3. Is the pad sloped to prevent water from ponding around the casing?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
GUARD POSTS:					
1. Are the guardposts damaged?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> </table>	X			
X					
2. Are the guardposts positioned to prevent collision damage to well?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
3. Are the guardposts of adequate height?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> </tr> </table>		X		
	X				
4. Is the high-traffic yellow paint degraded?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">X</td> <td style="width:33%;"></td> <td style="width:33%;"></td> </tr> </table>	X			
X					
WELL MAINTENANCE REQUEST					
Complete if any of the above shaded yes/no boxes are checked.					
☐ Primary Item(s)	☐ Secondary Item(s)				
Request nos. for maintenance performed on this well in 1994: <u>94-036S</u>					
COMMENTS					
Inspection Date: <u>10/25/94</u>	Inspected By: <u>McMaster</u>				

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-409

WELL INFORMATION							
Well Number:	GW-521	Screen or Open Interval Length:	10.3	ft.			
Site:	LF IV	Constructed Depth:	138.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					137.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					8	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: 11/10/94 Inspected By: McMaster							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-410

WELL INFORMATION							
Well Number: <u>GW-522</u>	Screen or Open Interval Length: <u>10.4</u> ft.						
Site: <u>LF IV</u>	Constructed Depth: <u>198.3</u> ft.						
PRIMARY INSPECTION ITEMS:							
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC							
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<table border="1" style="width:100%; text-align: center;"> <tr><td>NO</td><td>YES</td><td>N/A</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	NO	YES	N/A	☒	☒	☐
NO	YES	N/A					
☒	☒	☐					
2. Is the PVC well casing cracked or broken?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☐</td><td>☒</td><td>☒</td></tr> </table>	☐	☒	☒			
☐	☒	☒					
3. Is a protective surface casing installed (PVC well only)?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☐</td><td>☒</td></tr> </table>	☒	☐	☒			
☒	☐	☒					
4. Is the protective casing corroded, bent, or broken?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☐</td><td>☒</td><td>☒</td></tr> </table>	☐	☒	☒			
☐	☒	☒					
5. Is a weep located at the base of the protective casing?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☐</td><td>☒</td></tr> </table>	☒	☐	☒			
☒	☐	☒					
6. Is the steel, stainless steel, or PVC well casing loose?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
WELL SECURITY:							
1. Does the well have a cap or lid?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
2. Does the well have a waterproof steel / brass lock?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
3. Are the hasps firmly welded to well cap and / or metal casing?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
2. Measured depth of well from top of well casing:	<u>196.7</u> ft.						
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>15</u> %						
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
5. Do any obstructions occur within the well?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?	<table border="1" style="width:100%; text-align: center;"> <tr><td>NO</td><td>YES</td><td>N/A</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	NO	YES	N/A	☒	☒	☐
NO	YES	N/A					
☒	☒	☐					
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
2. Is the well number legible?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
3. Is the well identification number correct?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
2. Is the pad cracked or deteriorated?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
3. Is the pad sloped to prevent water from ponding around the casing?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
GUARD POSTS:							
1. Are the guardposts damaged?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
2. Are the guardposts positioned to prevent collision damage to well?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
3. Are the guardposts of adequate height?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
4. Is the high-traffic yellow paint degraded?	<table border="1" style="width:100%; text-align: center;"> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	☒	☒	☐			
☒	☒	☐					
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)	Request nos. for maintenance performed on this well in 1994						
☐ Secondary Item(s)	_____						
COMMENTS							
Inspection Date: <u>11/10/94</u>	Inspected By: <u>McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-174

WELL INFORMATION							
Well Number:	<u>GW-537</u>	Screen or Open Interval Length:	<u>15.0</u>	ft.			
Site:	<u>LDS</u>	Constructed Depth:	<u>25.1</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>27.5</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		<u>8/8/94</u>		Inspected By:		<u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-258

WELL INFORMATION							
Well Number:	GW-539	Screen or Open Interval Length:	15.9	ft.			
Site:	SL II EXP	Constructed Depth:	158.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					158.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request no. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>9/23/94</u> Inspected By: <u>McMaster</u> </div>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-266

WELL INFORMATION						
Well Number: <u>GW-540</u>	Screen or Open Interval Length: <u>10.3</u> ft.					
Site: <u>LF II EXP</u>	Constructed Depth: <u>174.2</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>173.4</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>8</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
Inspection Date: <u>9/26/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-261

WELL INFORMATION							
Well Number:	GW-541	Screen or Open Interval Length:	15.7	ft.			
Site:	SL II EXP	Constructed Depth:	107.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					106.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					< 5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-024S, 94-027P					
COMMENTS							
Inspection Date: <u>9/23/94</u>				Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-260

WELL INFORMATION							
Well Number:	GW-542	Screen or Open Interval Length:	15.7	ft.			
Site:	SL II EXP	Constructed Depth:	79.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					79.2	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-024S</u>			
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>9/23/94</u> Inspected By: <u>McMaster</u> </div>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-259

WELL INFORMATION			
Well Number: GW-543	Screen or Open Interval Length: 15.6 ft.		
Site: SL II EXP	Constructed Depth: 96.2 ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	96.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	94-024S, 94-025S	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: 9/23/94 Inspected By: McMaster </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-265

WELL INFORMATION							
Well Number:	GW-544	Screen or Open Interval Length:	15.9	ft.			
Site:	LF II EXP	Constructed Depth:	111.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:						111.6	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						< 5	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-024S			
COMMENTS							
Inspection Date: 9/26/94				Inspected By: McMaster			

INSPECTION NO.: 94-267

1

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-471

WELL INFORMATION							
Well Number:	<u>GW-557</u>	Screen or Open Interval Length:	<u>20.0</u>	ft.			
Size:	<u>SPAD</u>	Constructed Depth:	<u>138.5</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>136.3</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>10</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:			NO	YES	N/A		
1. Does the access road require grading or additional gravel?		☒	☒	☒	☐		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☒	☐		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☒	☐		
2. Is the well number legible?		☒	☒	☒	☐		
3. Is the well identification number correct?		☒	☒	☒	☐		
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☒	☒	☐		
2. Is the pad cracked or deteriorated?		☒	☒	☒	☐		
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☒	☐		
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☒	☒	☐		
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☒	☐		
3. Are the guardposts of adequate height?		☒	☒	☒	☐		
4. Is the high-traffic yellow paint degraded?		☒	☒	☒	☐		
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994				
☐ Primary Item(s)	☐ Secondary Item(s)		<u>94-012S</u>				
COMMENTS							
Inspection Date:		<u>12/6/94</u>	Inspected By:		<u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-307

WELL INFORMATION			
Well Number: <u>GW-560</u>	Screen or Open Interval Length: <u>20.0</u> ft.		
Site: <u>SPAD</u>	Constructed Depth: <u>71.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>73.2</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-029S</u>	
COMMENTS			
<div></div>			
Inspection Date: <u>10/25/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-304

WELL INFORMATION

Well Number: GW-562

Screen or Open Interval Length: 20.0 ft.

Site: SPAD

Constructed Depth: 60.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☒

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

61.4

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain: _____

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☒☐

2. Is the pad cracked or deteriorated?

☒☒☐

3. Is the pad sloped to prevent water from ponding around the casing?

☒☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

94-029S

COMMENTS

Inspection Date: 10/25/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-309

WELL INFORMATION			
Well Number: <u>GW-564</u>	Screen or Open Interval Length: <u>20.0</u> ft.		
Site: <u>SPAD</u>	Constructed Depth: <u>78.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>79.1</u>	<u>ft.</u>	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☒ Secondary Item(s)	<u>94-013S</u>	
COMMENTS			
<u>Access to well site needs gravel from main road (approximately 50 feet).</u>			
Inspection Date: <u>10/25/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-516

WELL INFORMATION							
Well Number:	GW-603	Screen or Open Interval Length:	10.3	ft.			
Site:	NHP	Constructed Depth:	77.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel/brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					77.0	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☒ Secondary Item(s)		94-066S			
COMMENTS							
<div style="text-align: center;">Posts need paint.</div>							
Inspection Date:		12/20/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-239

WELL INFORMATION							
Well Number:	<u>GW-604</u>	Screen or Open Interval Length:	<u>9.9</u>	ft.			
Site:	<u>NHP</u>	Constructed Depth:	<u>113.7</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel/brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>114.5</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☒ Secondary Item(s)		<u>94-066S</u>			
COMMENTS							
<u>Pad needs replacement and posts need paint.</u>							
Inspection Date:		<u>9/22/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-511

WELL INFORMATION							
Well Number:	GW-605	Screen or Open Interval Length:	10.0	ft.			
Site:	NHP	Constructed Depth:	42.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					41.7	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: 12/20/94 Inspected By: McMaster							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-512

WELL INFORMATION			
Well Number: <u>GW-606</u>	Screen or Open Interval Length: <u>10.7</u> ft.		
Site: <u>NHP</u>	Constructed Depth: <u>174.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>174.1</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>6</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<p align="center"><u>Posts need painting.</u></p>			
Inspection Date: <u>12/20/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-406

WELL INFORMATION							
Well Number:	GW-608	Screen or Open Interval Length:	72.0	ft.			
Site:	CRSP	Constructed Depth:	223.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					219.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Posts need paint.							
Inspection Date:		11/8/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-390

WELL INFORMATION							
Well Number:	GW-609	Screen or Open Interval Length:	10.3	ft.			
Site:	CRSP	Constructed Depth:	271.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					269.1	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					See comments		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-008S					
COMMENTS							
Well does not need redevelopment, sediment is not causing depth discrepancy.							
Inspection Date:		11/2/94		Inspected By:		McMaster/Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-345

WELL INFORMATION							
Well Number:	<u>GW-610</u>	Screen or Open Interval Length:	<u>10.3</u>	ft.			
Site:	<u>CRSP</u>	Constructed Depth:	<u>120.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				<u>120.2</u>	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐			
2. Is the well number legible?			☒	☐			
3. Is the well identification number correct?			☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?			☒	☐			
2. Is the pad cracked or deteriorated?		☒	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐			
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐			
3. Are the guardposts of adequate height?			☒	☐			
4. Is the high-traffic yellow paint degraded?			☒	☐			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Posts need paint.</u> _____ _____							
Inspection Date:		<u>11/1/94</u>		Inspected By:		<u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-346

WELL INFORMATION			
Well Number: <u>GW-611</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>CRSP</u>	Constructed Depth: <u>120.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>120.2</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<p align="center">Well needs ID tag.</p> <p>_____</p> <p>_____</p>			
Inspection Date: <u>11/1/94</u>		Inspected By: <u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-186

WELL INFORMATION						
Well Number: <u>GW-613</u>	Screen or Open Interval Length: <u>10.3</u> ft.					
Site: <u>S3</u>	Constructed Depth: <u>45.2</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>45.1</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			<u>94-047S</u>			
COMMENTS						
<u>Posts need painting. Weeds need cutting around well site.</u>						
Inspection Date: <u>8/10/94</u> Inspected By: <u>McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-187

WELL INFORMATION							
Well Number:	GW-614	Screen or Open Interval Length:	15.0	ft.			
Site:	S3	Constructed Depth:	93.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					93.2	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-047S					
COMMENTS							
<div style="border: 1px solid black; padding: 5px; min-height: 40px;"> Posts need painting; weeds need clearing. </div>							
Inspection Date:		8/10/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-493

WELL INFORMATION							
Well Number:	GW-617	Screen or Open Interval Length:	10.3	ft.			
Site:	S3	Constructed Depth:	20.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					20.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: 12/15/94 Inspected By: S.B. Jones							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-494

WELL INFORMATION			
Well Number:	GW-618	Screen or Open Interval Length:	10.3 ft.
Site:	S3	Constructed Depth:	39.3 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	39.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: 12/15/94 Inspected By: S.B. Jones </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-503

WELL INFORMATION						
Well Number: <u>GW-619</u>	Screen or Open Interval Length: <u>10.8</u> ft.					
Site: <u>S3</u>	Constructed Depth: <u>43.3</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☐	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:				<u>44.2</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
_____ Paint posts. _____ _____ _____						
Inspection Date: <u>12/15/94</u>			Inspected By: <u>S.B. Jones</u>			

INSPECTION NO.: 94-504

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-517

WELL INFORMATION							
Well Number:	GW-621	Screen or Open Interval Length:	15.7	ft.			
Site:	B G	Constructed Depth:	42.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					42.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-049S			
COMMENTS							
Inspection Date: 12/20/94 Inspected By: McMaster							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-079

WELL INFORMATION			
Well Number:	GW-627	Screen or Open Interval Length:	16.0 ft.
Site:	B G	Constructed Depth:	272.5 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		271.0	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		9	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Paint posts.			

Inspection Date: 7/19/94		Inspected By: B. McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-119

WELL INFORMATION						
Well Number: <u>GW-637</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>OL</u>	Constructed Depth: <u>30.8</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☐	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>30.9</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<u>Paint posts.</u>						
Inspection Date: <u>7/28/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-199

WELL INFORMATION			
Well Number:	GW-642	Screen or Open Interval Length:	16.2 ft.
Site:	B G	Constructed Depth:	39.2 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		39.8	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	94-040S	
COMMENTS			
Posts need painting.			
Inspection Date: 8/15/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-081

WELL INFORMATION						
Well Number: <u>GW-652</u>	Screen or Open Interval Length: <u>16.2</u> ft.					
Site: <u>B G</u>	Constructed Depth: <u>33.7</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:				<u>33.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☒	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<u>Access needs some regrading; posts need painting. Replaced lock.</u>						
Inspection Date: <u>7/19/94</u> Inspected By: <u>B. McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-077

WELL INFORMATION							
Well Number:	<u>GW-653</u>	Screen or Open Interval Length:	<u>?</u>	ft.			
Site:	<u>B G</u>	Constructed Depth:	<u>41.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒		
2. Is the PVC well casing cracked or broken?							☒
3. Is a protective surface casing installed (PVC well only)?							☒
4. Is the protective casing corroded, bent, or broken?							☒
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒					
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:						<u>41.5</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						<u>< 5</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒					
5. Do any obstructions occur within the well?		☒					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?						☒	
2. Is the well number legible?						☒	
3. Is the well identification number correct?						☒	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?						☒	
2. Is the pad cracked or deteriorated?		☒					
3. Is the pad sloped to prevent water from ponding around the casing?						☒	
GUARD POSTS:							
1. Are the guardposts damaged?		☒					
2. Are the guardposts positioned to prevent collision damage to well?						☒	
3. Are the guardposts of adequate height?						☒	
4. Is the high-traffic yellow paint degraded?						☒	
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Paint posts.</u> _____ _____							
Inspection Date:		<u>7/19/94</u>		Inspected By:		<u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-074

WELL INFORMATION							
Well Number:	GW-654	Screen or Open Interval Length:	10.0	ft.			
Site:	B G	Constructed Depth:	17.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					19.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-035S					
COMMENTS							
Inspection Date:		7/19/94		Inspected By:		B. McMaster	

WELL INFORMATION			
Well Number:	GW-683	Screen or Open Interval Length:	50.8 ft.
Site:	EXP A	Constructed Depth:	199.4 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
			NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☒
4. Is the protective casing corroded, bent, or broken?	☒	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		199.9	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO YES N/A	
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Gate to Chestnut Ridge Rd. closed; contact PSS.	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s)		Request nos. for maintenance performed on this well in 1994 ☐ Secondary Item(s)	
COMMENTS			
Inspection Date: 10/20/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-300

WELL INFORMATION						
Well Number: <u>GW-684</u>	Screen or Open Interval Length: <u>14.6</u> ft.					
Site: <u>EXP A</u>	Constructed Depth: <u>131.5</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>132.2</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
_____ _____ _____						
Inspection Date: <u>10/20/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-093

WELL INFORMATION			
Well Number: <u>GW-685</u>	Screen or Open Interval Length: <u>49.8</u> ft.		
Size: <u>B G</u>	Constructed Depth: <u>140.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Measured depth of well from top of well casing:	<u>141.9</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the guardposts of adequate height?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>7/20/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-100

WELL INFORMATION	
Well Number: <u>GW-694</u>	Screen or Open Interval Length: <u>50.5</u> ft.
Site: <u>B G</u>	Constructed Depth: <u>207.3</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☒	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>207.7</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994
☐ Primary Item(s) ☐ Secondary Item(s) 94-040S

COMMENTS

Inspection Date: 7/20/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-101

WELL INFORMATION							
Well Number:	GW-695	Screen or Open Interval Length:	10.0	ft.			
Site:	B G	Constructed Depth:	65.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				65.3			ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--			%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-040S			
COMMENTS							
Inspection Date:		7/20/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-098

WELL INFORMATION	
Well Number: <u>GW-703</u>	Screen or Open Interval Length: <u>47.0</u> ft.
Site: <u>B G</u>	Constructed Depth: <u>184.9</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☐	☐
2. Does the well have a waterproof steel / brass lock?				☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☐	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☐	☐
2. Measured depth of well from top of well casing:				<u>185.4</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)

☐ Secondary Item(s)

94-040S

COMMENTS

Replaced lock.

Inspection Date: 7/20/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-099

WELL INFORMATION			
Well Number: <u>GW-704</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>258.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>258.8</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-040S</u>	
COMMENTS			
<div></div>			
Inspection Date: <u>7/20/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-519

WELL INFORMATION						
Well Number:	GW-706	Screen or Open Interval Length:	25.5	ft.		
Site:	B G	Constructed Depth:	185.4	ft.		
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC						
		NO	YES	N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐		
2. Is the PVC well casing cracked or broken?		☐	☒	☒		
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☒		
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒		
5. Is a weep located at the base of the protective casing?		☒	☐	☒		
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐		
WELL SECURITY:						
1. Does the well have a cap or lid?		☒	☒	☐		
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐		
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐		
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐		
2. Measured depth of well from top of well casing:			185.7	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			--	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐		
5. Do any obstructions occur within the well?		☒	☒	☐		
SECONDARY INSPECTION ITEMS						
WELL ACCESS:						
1. Does the access road require grading or additional gravel?		☒	☒	☐		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐		
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐		
2. Is the well number legible?		☒	☒	☐		
3. Is the well identification number correct?		☒	☒	☐		
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?		☒	☒	☐		
2. Is the pad cracked or deteriorated?		☒	☒	☐		
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐		
GUARD POSTS:						
1. Are the guardposts damaged?		☒	☒	☐		
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐		
3. Are the guardposts of adequate height?		☒	☒	☐		
4. Is the high-traffic yellow paint degraded?		☒	☒	☐		
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994				
☐ Primary Item(s)	☐ Secondary Item(s)	94-040S				
COMMENTS						
Inspection Date: <u>12/20/94</u> Inspected By: <u>McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-257

WELL INFORMATION				
Well Number: <u>GW-709</u>	Screen or Open Interval Length: <u>10.0</u> ft.			
Site: <u>SL II</u>	Constructed Depth: <u>83.0</u> ft.			
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒	☒
4. Is the protective casing corroded, bent, or broken?		☒	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		<u>83.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐
GUARD POSTS:				
1. Are the guardposts damaged?		☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐
3. Are the guardposts of adequate height?		☒	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☒	☐
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	_____		
COMMENTS				
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>				
Inspection Date: <u>9/22/94</u>		Inspected By: <u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-111

WELL INFORMATION	
Well Number: <u>GW-710</u>	Screen or Open Interval Length: <u>204.8</u> ft.
Site: <u>EXP W</u>	Constructed Depth: <u>747.7</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>746.9</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Gate with contractor's lock.</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s)

94-006S

COMMENTS

Inspection Date: 7/28/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-112

WELL INFORMATION							
Well Number:	<u>GW-711</u>	Screen or Open Interval Length:	<u>50.2</u>	ft.			
Site:	<u>EXP W</u>	Constructed Depth:	<u>669.4</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☐	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					<u>670.1</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Access needs regrading; gate with contractor's lock.</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-046S</u>			
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>7/28/94</u> Inspected By: <u>McMaster</u> </div>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-113

WELL INFORMATION

Well Number: GW-712

Screen or Open Interval Length: 16.0 ft.

Site: EXP W

Constructed Depth: 461.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☒

Steel

☐

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

460.4

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

< 5

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

NO

YES

N/A

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☒☐

2. Is the pad cracked or deteriorated?

☒☒☐

3. Is the pad sloped to prevent water from ponding around the casing?

☒☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Paint posts.

Inspection Date: 7/28/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-114

WELL INFORMATION			
Well Number: <u>GW-713</u> Site: <u>EXP W</u>	Screen or Open Interval Length: <u>10.2</u> ft. Constructed Depth: <u>318.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Measured depth of well from top of well casing:	<u>318.5</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the guardposts of adequate height?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>7/28/94</u>	Inspected By: <u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-115

WELL INFORMATION	
Well Number: <u>GW-714</u>	Screen or Open Interval Length: <u>29.9</u> ft.
Site: <u>EXP W</u>	Constructed Depth: <u>147.8</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☒	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>147.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Inspection Date: 7/28/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-116

WELL INFORMATION			
Well Number:	GW-715	Screen or Open Interval Length:	9.9 ft.
Site:	EXP W	Constructed Depth:	45.7 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☒
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		45.9	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ Heavy silt on tape after measurement. _____ _____			
Inspection Date: <u>7/28/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-154

WELL INFORMATION							
Well Number:	<u>GW-723</u>	Screen or Open Interval Length:	<u>103.9</u>	ft.			
Site:	<u>EXP C</u>	Constructed Depth:	<u>447.4</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>447.2</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ Replaced lock. _____							

Inspection Date:		<u>8/4/94</u>		Inspected By:		<u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-164

WELL INFORMATION							
Well Number:	GW-724	Screen or Open Interval Length:	12.0	ft.			
Site:	EXP C	Constructed Depth:	304.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					304.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		8/8/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-159

WELL INFORMATION							
Well Number:	<u>GW-725</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>EXP C</u>	Constructed Depth:	<u>145.3</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>145.4</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-040S</u>					
COMMENTS							
Inspection Date: <u>8/8/94</u> Inspected By: <u>McMaster/Sitzler</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-233

WELL INFORMATION							
Well Number:	<u>GW-731</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>CRSDB</u>	Constructed Depth:	<u>178.6</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel/brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					<u>175.0</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>36</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☒ Primary Item(s)		☐ Secondary Item(s)		<u>94-057P</u>			
COMMENTS							
<u>Well needs redevelopment before sampling again.</u>							
Inspection Date:		<u>9/21/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-234

WELL INFORMATION							
Well Number:	GW-732	Screen or Open Interval Length:	10.0	ft.			
Site:	CRSDB	Constructed Depth:	192.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					192.7	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-020S			
COMMENTS							
Inspection Date: 9/21/94 Inspected By: McMaster							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-240

WELL INFORMATION			
Well Number:	<u>GW-733</u>	Screen or Open Interval Length:	<u>16.4</u> ft.
Site:	<u>EXP J</u>	Constructed Depth:	<u>260.9</u> ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>260.0</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>9/22/94</u>		Inspected By: <u>McMaster, Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-243

WELL INFORMATION							
Well Number:	GW-735	Screen or Open Interval Length:	10.2	ft.			
Site:	EXP J	Constructed Depth:	81.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					81.9	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		9/22/94		Inspected By:		McMaster, Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-158

WELL INFORMATION							
Well Number:	<u>GW-736</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>EXP C</u>	Constructed Depth:	<u>105.1</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the haps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>104.0</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>11</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-040S</u>					
COMMENTS							
Inspection Date: <u>8/8/94</u>				Inspected By: <u>McMaster/Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-157

WELL INFORMATION						
Well Number: <u>GW-737</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>EXP C</u>	Constructed Depth: <u>91.9</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>92.1</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			<u>94-040S</u>			
COMMENTS						
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>8/8/94</u> Inspected By: <u>McMaster/Sitzler</u> </div>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-163

WELL INFORMATION				
Well Number:	GW-738	Screen or Open Interval Length:	20.0 ft.	
Site:	EXP C	Constructed Depth:	90.2 ft.	
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		91.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐
GUARD POSTS:				
1. Are the guardposts damaged?		☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐
3. Are the guardposts of adequate height?		☒	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☒	☐
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	_____		
COMMENTS				
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>				
Inspection Date: <u>8/8/94</u>		Inspected By: <u>McMaster/Sitzler</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-155

WELL INFORMATION	
Well Number: <u>GW-739</u>	Screen or Open Interval Length: <u>30.8</u> ft.
Site: <u>EXP C</u>	Constructed Depth: <u>323.1</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☐	☐
2. Does the well have a waterproof steel / brass lock?				☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☐	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☐	☐
2. Measured depth of well from top of well casing:				<u>322.9</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Inspection Date: 8/4/94

Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-156

WELL INFORMATION			
Well Number: <u>GW-740</u>	Screen or Open Interval Length: <u>24.4</u> ft.		
Site: <u>EXP C</u>	Constructed Depth: <u>192.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Measured depth of well from top of well casing:	<u>192.8</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the guardposts of adequate height?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>8/4/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-404

WELL INFORMATION						
Well Number: <u>GW-742</u>	Screen or Open Interval Length: <u>70.0</u> ft.					
Site: <u>CRSP</u>	Constructed Depth: <u>423.2</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>422.0</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☐	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			<u>94-033S</u>			
COMMENTS						
<p align="center">Posts need paint.</p>						
Inspection Date: <u>11/8/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-405

WELL INFORMATION			
Well Number:	GW-743	Screen or Open Interval Length:	10.1 ft.
Site:	CRSP	Constructed Depth:	162.0 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:		162.5	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-033S</u>	
COMMENTS			
<u>Posts need paint.</u>			
Inspection Date: <u>11/8/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-217

WELL INFORMATION							
Well Number:	GW-744	Screen or Open Interval Length:	10.0	ft.			
Size:	Grid K	Constructed Depth:	69.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				70.1	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		8/19/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-216

WELL INFORMATION			
Well Number:	<u>GW-745</u>	Screen or Open Interval Length:	<u>10.0</u> ft.
Site:	<u>Grid K</u>	Constructed Depth:	<u>35.3</u> ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☒	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☒	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☒
2. Does the well have a waterproof steel / brass lock?		☒	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☒
2. Measured depth of well from top of well casing:		<u>35.5</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒
5. Do any obstructions occur within the well?		☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☒
3. Is the well identification number correct?		☒	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☒	☒
4. Is the high-traffic yellow paint degraded?		☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>8/19/94</u>		Inspected By: <u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-215

WELL INFORMATION						
Well Number: <u>GW-746</u>	Screen or Open Interval Length: <u>9.8</u> ft.					
Site: <u>Grid K</u>	Constructed Depth: <u>17.4</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>17.3</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>< 5</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
_____ _____ _____						
Inspection Date: <u>8/19/94</u>			Inspected By: <u>McMaster/Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-220

WELL INFORMATION			
Well Number: <u>GW-747</u>	Screen or Open Interval Length: <u>9.9</u> ft.		
Site: <u>Grid K</u>	Constructed Depth: <u>81.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☒
4. Is the protective casing corroded, bent, or broken?	☒	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>82.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>8/19/94</u> Inspected By: <u>McMaster/Sitzler</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-219

WELL INFORMATION							
Well Number:	GW-748	Screen or Open Interval Length:	10.0	ft.			
Site:	Grid K	Constructed Depth:	29.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					30.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Inspection Date:		8/19/94		Inspected By:		McMaster/Sitzler	

**Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-218**

WELL INFORMATION			
Well Number:	GW-749	Screen or Open Interval Length:	10.0 ft.
Site:	Grid K	Constructed Depth:	18.5 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:		18.9	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border: 1px solid black; height: 40px; margin-top: 5px;"></div>			
Inspection Date: 8/19/94		Inspected By: McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-244

WELL INFORMATION							
Well Number: <u>GW-750</u>		Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>EXP J</u>		Constructed Depth: <u>75.3</u> ft.					
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>75.7</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: <u>9/22/94</u>				Inspected By: <u>McMaster, Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-273

WELL INFORMATION			
Well Number: <u>GW-751</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>Grid J3</u>	Constructed Depth: <u>62.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
2. Measured depth of well from top of well casing:	<u>63.4</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
3. Are the guardposts of adequate height?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white; margin: 0 auto;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)	☐ Secondary Item(s)		
		Request nos. for maintenance performed on this well in 1994 _____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>9/27/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-272

WELL INFORMATION

Well Number: GW-752

Screen or Open Interval Length: 10.0 ft.

Site: Grid J3

Constructed Depth: 18.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:					<u>18.8</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)

☐ Secondary Item(s)

COMMENTS

Inspection Date: 9/27/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-263

WELL INFORMATION			
Well Number: <u>GW-757</u>	Screen or Open Interval Length: <u>30.0</u> ft.		
Site: <u>LF II</u>	Constructed Depth: <u>167.3</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>168.5</u>		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>9/23/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-528

WELL INFORMATION							
Well Number:	<u>GW-758</u>	Screen or Open Interval Length:	<u>10.2</u>		ft.		
Site:	<u>Grid E</u>	Constructed Depth:	<u>53.3</u>		ft.		
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>52.3</u>		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>10</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		<u>12/21/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-521

WELL INFORMATION			
Well Number:	<u>GW-759</u>	Screen or Open Interval Length:	<u>10.6</u> ft.
Site:	<u>Grid E</u>	Constructed Depth:	<u>32.6</u> ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES
		N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		<u>32.5</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
		N/A	
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ _____ _____			
Inspection Date: <u>12/21/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-522

WELL INFORMATION							
Well Number:	<u>GW-760</u>	Screen or Open Interval Length:	<u>9.7</u>	ft.			
Site:	<u>Grid E</u>	Constructed Depth:	<u>63.2</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>63.4</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		<u>12/21/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-523

WELL INFORMATION			
Well Number:	GW-761	Screen or Open Interval Length:	10.0 ft.
Site:	Grid E	Constructed Depth:	18.3 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		18.4	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)	☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 _____	
COMMENTS			
<div></div>			
Inspection Date: 12/21/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-529

WELL INFORMATION							
Well Number:	GW-762	Screen or Open Interval Length:	10.2	ft.			
Site:	Grid J	Constructed Depth:	61.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					61.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					< 5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: 12/21/94 Inspected By: McMaster							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-530

WELL INFORMATION			
Well Number:	GW-763	Screen or Open Interval Length:	10.4 ft.
Site:	Grid J	Constructed Depth:	18.9 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		18.8	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div></div>			
Inspection Date: 12/21/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-526

WELL INFORMATION

Well Number: GW-764 Screen or Open Interval Length: 9.9 ft.
 Site: Grid E Constructed Depth: 68.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:					<u>68.1</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s)

COMMENTS

Inspection Date: 12/21/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-527

WELL INFORMATION			
Well Number: <u>GW-765</u>	Screen or Open Interval Length: <u>10.5</u> ft.		
Site: <u>Grid E</u>	Constructed Depth: <u>34.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☐	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>35.0</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>12/21/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-387

WELL INFORMATION	
Well Number: <u>GW-766</u>	Screen or Open Interval Length: <u>10.0</u> ft.
Site: <u>Grid I2</u>	Constructed Depth: <u>48.6</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>48.3</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>< 5</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-386

WELL INFORMATION			
Well Number: <u>GW-767</u> Site: <u>Grid 12</u>	Screen or Open Interval Length: <u>10.0</u> ft. Constructed Depth: <u>21.2</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	21.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>11/2/94</u> Inspected By: <u>McMaster/Jones</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-381

WELL INFORMATION			
Well Number:	<u>GW-768</u>	Screen or Open Interval Length:	<u>9.9</u> ft.
Site:	<u>RDS</u>	Constructed Depth:	<u>67.6</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>67.5</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s)

COMMENTS

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-507

WELL INFORMATION			
Well Number: <u>GW-769</u>	Screen or Open Interval Length: <u>10.4</u> ft.		
Site: <u>Grid G</u>	Constructed Depth: <u>62.1</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>62.6</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>12/20/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-508

WELL INFORMATION							
Well Number:	<u>GW-770</u>	Screen or Open Interval Length:	<u>9.5</u>	ft.			
Site:	<u>Grid G</u>	Constructed Depth:	<u>21.4</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>21.5</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>12/20/94</u> Inspected By: <u>McMaster</u> </div>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-525

WELL INFORMATION			
Well Number:	GW-771	Screen or Open Interval Length:	14.8 ft.
Site:	Grid C	Constructed Depth:	61.7 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		58.9	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		19	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
This well will need rehab. work soon.			
Inspection Date: 12/21/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-524

WELL INFORMATION

Well Number: GW-772

Screen or Open Interval Length: 10.2 ft.

Site: Grid C

Constructed Depth: 18.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☒

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

18.7

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☒☐

2. Is the pad cracked or deteriorated?

☒☒☐

3. Is the pad sloped to prevent water from ponding around the casing?

☒☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

☐

Primary Item(s)

☐

Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Inspection Date: 12/21/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-389

WELL INFORMATION			
Well Number:	GW-773	Screen or Open Interval Length:	10.1 ft.
Site:	Grid H2	Constructed Depth:	61.7 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☒
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		61.6	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: 11/2/94 Inspected By: McMaster/Jones </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-388

WELL INFORMATION			
Well Number: <u>GW-774</u>	Screen or Open Interval Length: <u>9.8</u> ft.		
Site: <u>Grid H2</u>	Constructed Depth: <u>28.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		<u>28.8</u> ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u> %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div></div>			
Inspection Date: <u>11/2/94</u>		Inspected By: <u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-505

WELL INFORMATION				
Well Number:	GW-775	Screen or Open Interval Length:	10.0 ft.	
Site:	Grid H	Constructed Depth:	56.2 ft.	
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		56.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☐	☒
2. Is the pad cracked or deteriorated?		☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐	☒
GUARD POSTS:				
1. Are the guardposts damaged?		☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐	☒
3. Are the guardposts of adequate height?		☒	☐	☒
4. Is the high-traffic yellow paint degraded?		☐	☒	☒
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	94-001		
COMMENTS				
<div style="border: 1px solid black; margin-bottom: 5px; padding: 2px;">Manhole installation.</div>				
Inspection Date: <u>12/20/94</u>		Inspected By: <u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-506

WELL INFORMATION							
Well Number:	GW-776	Screen or Open Interval Length:	10.3	ft.			
Site:	Grid H	Constructed Depth:	22.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					22.1	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-001			
COMMENTS							
Manhole installation.							
Inspection Date:		12/20/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-037

WELL INFORMATION			
Well Number:	<u>GW-777</u>	Screen or Open Interval Length:	<u>10.1</u> ft.
Site:	<u>Grid B2</u>	Constructed Depth:	<u>61.5</u> ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>61.3</u>	<u>61.3</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u> </u>	<u> </u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Inspection Date: <u>4/25/94</u>		Inspected By: <u>J. Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-038

WELL INFORMATION						
Well Number: <u>GW-778</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>Grid B2</u>	Constructed Depth: <u>24.5</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>24.7</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☒	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>						
Inspection Date: <u>4/25/94</u>			Inspected By: <u>J. Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-039

WELL INFORMATION			
Well Number: <u>GW-779</u>	Screen or Open Interval Length: <u>10.1</u> ft.		
Site: <u>Grid F2</u>	Constructed Depth: <u>65.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>65.1</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO YES N/A		
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☐	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☐
2. Is the pad cracked or deteriorated?	☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>4/25/94</u> Inspected By: <u>J. Sitzler</u> </div>			

INSPECTION NO.: 94-040

Inspected By: J. Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-041

WELL INFORMATION							
Well Number:	<u>GW-781</u>	Screen or Open Interval Length:	<u>10.1</u>	ft.			
Site:	<u>Grid E3</u>	Constructed Depth:	<u>71.2</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					<u>61.8</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>< 5</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		<u>4/25/94</u>		Inspected By:		<u>J. Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-042

WELL INFORMATION						
Well Number: <u>GW-782</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>Grid E3</u>	Constructed Depth: <u>38.1</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☐	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>37.9</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>< 5</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
Inspection Date: <u>4/25/94</u> Inspected By: <u>J. Sitzler</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-043

WELL INFORMATION			
Well Number: <u>GW-783</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>Grid E3</u>	Constructed Depth: <u>16.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>16.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>4/25/94</u> Inspected By: <u>J. Sitzler</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-104

WELL INFORMATION			
Well Number: <u>GW-784</u>	Screen or Open Interval Length: <u>10.2</u>	ft.	
Site: <u>Grid D</u>	Constructed Depth: <u>66.7</u>	ft.	

PRIMARY INSPECTION ITEMS:						
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>66.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS						
WELL ACCESS:				NO	YES	N/A
1. Does the access road require grading or additional gravel?				☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____				☒	☒	☐
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☒	☒	☐
2. Is the well number legible?				☒	☒	☐
3. Is the well identification number correct?				☒	☒	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☒	☒	☐
2. Is the pad cracked or deteriorated?				☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?				☒	☒	☐
GUARD POSTS:						
1. Are the guardposts damaged?				☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?				☒	☒	☐
3. Are the guardposts of adequate height?				☒	☒	☐
4. Is the high-traffic yellow paint degraded?				☒	☒	☐

WELL MAINTENANCE REQUEST	
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 _____

COMMENTS	
<div style="border-bottom: 1px solid black; width: 100%;"></div> <div style="border-bottom: 1px solid black; width: 100%;"></div>	
Inspection Date: <u>7/25/94</u>	Inspected By: <u>J. Sitzler</u>

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-105

WELL INFORMATION			
Well Number:	GW-785	Screen or Open Interval Length:	10.3 ft.
Site:	Grid D	Constructed Depth:	26.9 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		28.0	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: 7/25/94 Inspected By: J. Sitzler </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-046

WELL INFORMATION						
Well Number: <u>GW-786</u>	Screen or Open Interval Length: <u>5.1</u> ft.					
Site: <u>Grid E2</u>	Constructed Depth: <u>66.7</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>66.3</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>8</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>						
Inspection Date: <u>4/25/94</u>			Inspected By: <u>J. Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-047

WELL INFORMATION							
Well Number:	GW-787	Screen or Open Interval Length:	9.9	ft.			
Site:	Grid E2	Constructed Depth:	16.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					16.1	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		4/25/94		Inspected By:		J. Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-048

WELL INFORMATION	
Well Number: <u>GW-788</u>	Screen or Open Interval Length: <u>9.8</u> ft.
Site: <u>Grid F3</u>	Constructed Depth: <u>70.0</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☐	☒
5. Is a weep located at the base of the protective casing?				☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel / brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:				<u>69.9</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>< 5</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Inspection Date: 4/25/94

Inspected By: J. Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-049

WELL INFORMATION			
Well Number: <u>GW-789</u>	Screen or Open Interval Length: <u>10.7</u> ft.		
Site: <u>Grid F3</u>	Constructed Depth: <u>25.6</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>25.3</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Inspection Date: <u>4/25/94</u>		Inspected By: <u>J. Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-102

WELL INFORMATION	
Well Number: <u>GW-791</u>	Screen or Open Interval Length: <u>10.0</u> ft.
Site: <u>Grid D</u>	Constructed Depth: <u>69.9</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☐	☒
5. Is a weep located at the base of the protective casing?				☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel / brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:				<u>72.6</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☐	☒
3. Is the well identification number correct?	☐	☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s)

COMMENTS

Well needs ID tag.

Inspection Date: 7/25/94

Inspected By: J. Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-103

WELL INFORMATION			
Well Number:	GW-792	Screen or Open Interval Length:	9.3 ft.
Site:	Grid D	Constructed Depth:	29.3 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		32.1	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☒
3. Is the well identification number correct?	☒	☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well needs ID tag.			
Inspection Date: 7/25/94		Inspected By: J. Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-533

WELL INFORMATION	
Well Number: <u>GW-793</u>	Screen or Open Interval Length: <u>10.0</u> ft.
Site: <u>LLWAGSF</u>	Constructed Depth: <u>31.5</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☒	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☐	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel / brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:				<u>31.8</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Locked gate at entrance to LLWAGSF</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Inspection Date: 12/21/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-117

WELL INFORMATION			
Well Number: <u>GW-794</u>	Screen or Open Interval Length: <u>9.8</u> ft.		
Site: <u>LLWAGSF</u>	Constructed Depth: <u>42.1</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>42.5</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>7/28/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-134

WELL INFORMATION						
Well Number: <u>GW-795</u>	Screen or Open Interval Length: <u>9.8</u> ft.					
Site: <u>LLAGWSF</u>	Constructed Depth: <u>22.9</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>22.6</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>< 5</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<u>Weeds need cutting in vicinity of well and tree removed which is partially blocking road.</u>						
Inspection Date: <u>8/4/94</u> Inspected By: <u>McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-316

WELL INFORMATION			
Well Number:	GW-796	Screen or Open Interval Length:	10.0 ft.
Site:	SPAD	Constructed Depth:	140.1 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☐	☒
2. Does the well have a waterproof steel / brass lock?		☐	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		139.8	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	94-0155	
COMMENTS			
<div></div>			
Inspection Date: 10/25/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-531

WELL INFORMATION							
Well Number:	<u>GW-797</u>	Screen or Open Interval Length:	<u>9.5</u>	ft.			
Site:	<u>SPAD</u>	Constructed Depth:	<u>137.2</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>137.1</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-011S, 94-037S</u>			
COMMENTS							
<div></div>							
Inspection Date:		<u>12/21/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-058

WELL INFORMATION				
Well Number:	<u>GW-798</u>	Screen or Open Interval Length:	<u>10.0</u> ft.	
Site:	<u>SPAD</u>	Constructed Depth:	<u>See comments</u> ft.	
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		<u>153.0*</u>		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒	☒
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐
GUARD POSTS:				
1. Are the guardposts damaged?		☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐
3. Are the guardposts of adequate height?		☒	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☒	☐
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	_____		
COMMENTS				
<u>*Info. in data base or construction record for well is in error. Well is deeper by 15' than listed constructed depth. Will submit correction to data base manager.</u>				
Inspection Date: <u>5/30/94</u>		Inspected By: <u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-057

WELL INFORMATION							
Well Number:	GW-799	Screen or Open Interval Length:	9.9	ft.			
Site:	SPAD	Constructed Depth:	94.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					94.1	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-010S</u>			
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>5/30/94</u> Inspected By: <u>McMaster</u> </div>							

WELL INFORMATION			
Well Number:	GW-800	Screen or Open Interval Length:	9.9 ft.
Site:	O L	Constructed Depth:	32.9 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
			NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		33.6	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s)		Request nos. for maintenance performed on this well in 1994 ☐ Secondary Item(s) 94-040S	
COMMENTS			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-532

WELL INFORMATION			
Well Number: <u>GW-801</u>	Screen or Open Interval Length: <u>10.0</u>	ft.	
Site: <u>SPAD</u>	Constructed Depth: <u>191.2</u>	ft.	
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>191.0</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-014S</u>	
COMMENTS			
Inspection Date: <u>12/21/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-666

WELL INFORMATION							
Well Number:	GW-816	Screen or Open Interval Length:	9.4	ft.			
Site:	EXP	Constructed Depth:	17.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					17.8	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-051S</u>			
COMMENTS							
Inspection Date: <u>6/17/94</u>				Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-665

WELL INFORMATION							
Well Number:	GW-817	Screen or Open Interval Length:	20.6	ft.			
Site:	EXP	Constructed Depth:	25.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☒	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					25.6	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-051S</u>			
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>6/17/94</u> Inspected By: <u>McMaster</u> </div>							

APPENDIX C
INACTIVE WELL INSPECTIONS

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-207

WELL INFORMATION			
Well Number:	1004	Screen or Open Interval Length:	10.0 ft.
Site:	S 3	Constructed Depth:	31.3 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			
			☒
2. Is the PVC well casing cracked or broken?			
	☒		
3. Is a protective surface casing installed (PVC well only)?			
	☒		
4. Is the protective casing corroded, bent, or broken?			
			☒
5. Is a weep located at the base of the protective casing?			
	☒		☒
6. Is the steel, stainless steel, or PVC well casing loose?			
	☒		
WELL SECURITY:			
1. Does the well have a cap or lid?			
		☒	
2. Does the well have a waterproof steel / brass lock?			
	☒		
3. Are the hasps firmly welded to well cap and / or metal casing?			
	☒		
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
		☒	
2. Measured depth of well from top of well casing:			
		30.1	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			
		12	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
	☒		
5. Do any obstructions occur within the well?			
	☒		
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			
	☒		
2. Do any obstructions (locked gates, fallen trees, etc.)			
access to well? Explain: _____			
	☒		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			
		☒	
2. Is the well number legible?			
		☒	
3. Is the well identification number correct?			
		☒	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			
			☒
2. Is the pad cracked or deteriorated?			
			☒
3. Is the pad sloped to prevent water from ponding around the casing?			
			☒
GUARD POSTS:			
1. Are the guardposts damaged?			
	☒		
2. Are the guardposts positioned to prevent collision damage to well?			
		☒	
3. Are the guardposts of adequate height?			
		☒	
4. Is the high-traffic yellow paint degraded?			
	☒		
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)		☐ Secondary Item(s)	
		Request nos. for maintenance performed on this well in 1994 _____	
COMMENTS			
Recorder box on well; not presently secured. Needs rehabilitation. Recommend P&A; substandard construction.			
Inspection Date: 8/18/94		Inspected By: McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-368

WELL INFORMATION						
Well Number: <u>1034</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>B G</u>	Constructed Depth: <u>48.4</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☐	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>44.4</u>	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>40</u>	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☐	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☐	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<u>Recommend well for P&A due to substandard construction.</u> 						
Inspection Date: <u>11/2/94</u>			Inspected By: <u>McMaster/Jones</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-256

WELL INFORMATION			
Well Number: <u>1082</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>ORSF</u>	Constructed Depth: <u>53.3</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>55.2</u>		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)	☐ Secondary Item(s) _____		
Request nos. for maintenance performed on this well in 1994 _____			
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;">No guardposts installed. Soft tag for measurement.</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>9/22/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-264

WELL INFORMATION							
Well Number:	<u>1084</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>ORSF</u>	Constructed Depth:	<u>147.7</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>148.4</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Well is behind fence.</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.					Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
<u>No pad or posts, but is acceptable.</u>							
Inspection Date: <u>9/26/94</u>				Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-238

WELL INFORMATION							
Well Number:	1095	Screen or Open Interval Length:	10.0	ft.			
Site:	CRSDB	Constructed Depth:	120.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?							X
2. Is the PVC well casing cracked or broken?		X					
3. Is a protective surface casing installed (PVC well only)?		X					
4. Is the protective casing corroded, bent, or broken?							X
5. Is a weep located at the base of the protective casing?							X
6. Is the steel, stainless steel, or PVC well casing loose?		X					
WELL SECURITY:							
1. Does the well have a cap or lid?						X	
2. Does the well have a waterproof steel / brass lock?		X					
3. Are the hasps firmly welded to well cap and / or metal casing?							X
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						X	
2. Measured depth of well from top of well casing:						121.3	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X					
5. Do any obstructions occur within the well?		X					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					X		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?						X	
2. Is the well number legible?						X	
3. Is the well identification number correct?						X	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?							X
2. Is the pad cracked or deteriorated?							X
3. Is the pad sloped to prevent water from ponding around the casing?							X
GUARD POSTS:							
1. Are the guardposts damaged?							X
2. Are the guardposts positioned to prevent collision damage to well?							X
3. Are the guardposts of adequate height?							X
4. Is the high-traffic yellow paint degraded?							X
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
6" PVC casing has no locking cap. Replaced ID tag. Installed locking cap, 10/6/94.							
Inspection Date:		9/21/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-230

WELL INFORMATION						
Well Number: <u>1096</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>CRSDB</u>	Constructed Depth: <u>69.8</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☐	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:			<u>70.1</u> ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u> %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☐	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☐	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☐	☒	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☐	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☐	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☐	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<u>Well is 6" PVC casing; no pad or posts.</u>						
Inspection Date: <u>9/20/94</u> Inspected By: <u>McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-411

WELL INFORMATION			
Well Number:	1101	Screen or Open Interval Length:	10.0 ft.
Site:	FAP	Constructed Depth:	31.4 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☐
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		31.2	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		☐	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☐	☒
3. Is the well identification number correct?		☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☐	☒
2. Is the pad cracked or deteriorated?		☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☐	☒
2. Are the guardposts positioned to prevent collision damage to well?		☐	☒
3. Are the guardposts of adequate height?		☐	☒
4. Is the high-traffic yellow paint degraded?		☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
2' PVC casing stickup, no pad or posts. Access by walking. Water tight locking cap. Recommend P&A.			
Inspection Date: 11/10/94		Inspected By: McMaster	

94-41

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-416

WELL INFORMATION						
Well Number: <u>1102</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>FAP</u>	Constructed Depth: <u>77.8</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☐	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☐	☒	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:				<u>77.3</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>5</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☒	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐	☒	
3. Are the guardposts of adequate height?			☒	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<u>2" PVC casing stickup, no pad or posts. Watertight cap with lock. Access by walking. Recommend P&A.</u> _____ _____						
Inspection Date: <u>11/10/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-418

WELL INFORMATION			
Well Number: 1103	Screen or Open Interval Length: 5.0 ft.		
Site: FAP	Constructed Depth: 27.6 ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	27.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	8 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)	☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 _____	
COMMENTS			
2" PVC casing stickup, no pad or posts. Recommend P&A.			
Inspection Date: 11/10/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-417

WELL INFORMATION																					
Well Number: <u>1104</u>	Screen or Open Interval Length: <u>5.0</u> ft.																				
Site: <u>FAP</u>	Constructed Depth: <u>56.2</u> ft.																				
PRIMARY INSPECTION ITEMS:																					
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC <table style="float:right; text-align:center;"> <tr><td>NO</td><td>YES</td><td>N/A</td></tr> <tr><td>☐</td><td>☒</td><td>☒</td></tr> <tr><td>☒</td><td>☐</td><td>☐</td></tr> <tr><td>☐</td><td>☒</td><td>☒</td></tr> <tr><td>☒</td><td>☐</td><td>☒</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>				NO	YES	N/A	☐	☒	☒	☒	☐	☐	☐	☒	☒	☒	☐	☒	☒	☒	☐
NO	YES	N/A																			
☐	☒	☒																			
☒	☐	☐																			
☐	☒	☒																			
☒	☐	☒																			
☒	☒	☐																			
1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?																					
WELL SECURITY:																					
1. Does the well have a cap or lid? 2. Does the well have a waterproof steel / brass lock? 3. Are the hasps firmly welded to well cap and / or metal casing?																					
DOWNHOLE CONDITION:																					
1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well?																					
<table style="width:100%; text-align:right;"> <tr><td><u>58.0</u></td><td>ft.</td></tr> <tr><td><u>--</u></td><td>%</td></tr> </table>				<u>58.0</u>	ft.	<u>--</u>	%														
<u>58.0</u>	ft.																				
<u>--</u>	%																				
SECONDARY INSPECTION ITEMS																					
WELL ACCESS:																					
1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____																					
<table style="width:100%; text-align:center;"> <tr><td>NO</td><td>YES</td><td>N/A</td></tr> <tr><td>☐</td><td>☒</td><td>☒</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>				NO	YES	N/A	☐	☒	☒	☒	☒	☐									
NO	YES	N/A																			
☐	☒	☒																			
☒	☒	☐																			
WELL IDENTIFICATION:																					
1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?																					
CONCRETE PAD:																					
1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?																					
GUARD POSTS:																					
1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?																					
WELL MAINTENANCE REQUEST																					
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994																			
☐ Primary Item(s)	☐ Secondary Item(s)	_____																			
COMMENTS																					
<u>2" PVC casing stickup, no pad or posts. Watertight cap with lock. Access by walking. Recommend P&A.</u> _____ _____																					
Inspection Date: <u>11/10/94</u>		Inspected By: <u>McMaster</u>																			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-415

WELL INFORMATION							
Well Number:	<u>1105</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>FAP</u>	Constructed Depth:	<u>58.6</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?							☒
2. Is the PVC well casing cracked or broken?				☒			
3. Is a protective surface casing installed (PVC well only)?				☒			
4. Is the protective casing corroded, bent, or broken?							☒
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒			
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:						<u>57.6</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						<u>10</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒			
5. Do any obstructions occur within the well?				☒			
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?							☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☒			
2. Is the well number legible?						☒	
3. Is the well identification number correct?						☒	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?							☒
2. Is the pad cracked or deteriorated?							☒
3. Is the pad sloped to prevent water from ponding around the casing?							☒
GUARD POSTS:							
1. Are the guardposts damaged?							☒
2. Are the guardposts positioned to prevent collision damage to well?							☒
3. Are the guardposts of adequate height?							☒
4. Is the high-traffic yellow paint degraded?							☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>2" PVC casing stickup, no pad or posts. Water tight locking cap. Access by walking. Recommend P&A.</u>							
Inspection Date:		<u>11/10/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-414

WELL INFORMATION						
Well Number: <u>1106</u>	Screen or Open Interval Length: <u>5.0</u> ft.					
Site: <u>FAP</u>	Constructed Depth: <u>36.1</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☐	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☐	☒	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>35.8</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☒	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐	☒	
3. Are the guardposts of adequate height?			☒	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<u>2" PVC casing stickup, no pad or posts. Watertight cap. Access by walking. Recommend P&A.</u> 						
Inspection Date: <u>11/10/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-412

WELL INFORMATION			
Well Number:	1107	Screen or Open Interval Length:	10.0 ft.
Site:	FAP	Constructed Depth:	34.7 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken? ☐ NO ☒ YES ☒ N/A			
2. Is the PVC well casing cracked or broken? ☒ NO ☐ YES ☐ N/A			
3. Is a protective surface casing installed (PVC well only)? ☒ NO ☐ YES ☐ N/A			
4. Is the protective casing corroded, bent, or broken? ☐ NO ☒ YES ☒ N/A			
5. Is a weep located at the base of the protective casing? ☒ NO ☐ YES ☒ N/A			
6. Is the steel, stainless steel, or PVC well casing loose? ☒ NO ☐ YES ☐ N/A			
WELL SECURITY:			
1. Does the well have a cap or lid? ☐ NO ☒ YES ☐ N/A			
2. Does the well have a waterproof steel / brass lock? ☐ NO ☒ YES ☐ N/A			
3. Are the hasps firmly welded to well cap and / or metal casing? ☐ NO ☐ YES ☒ N/A			
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? ☐ NO ☒ YES ☐ N/A			
2. Measured depth of well from top of well casing: 33.8 ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 10 %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)? ☒ NO ☐ YES ☐ N/A			
5. Do any obstructions occur within the well? ☒ NO ☐ YES ☐ N/A			
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel? ☐ NO ☒ YES ☒ N/A			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: ☒ NO ☐ YES ☐ N/A			
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing? ☒ NO ☐ YES ☐ N/A			
2. Is the well number legible? ☐ NO ☒ YES ☐ N/A			
3. Is the well identification number correct? ☐ NO ☒ YES ☐ N/A			
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)? ☐ NO ☐ YES ☒ N/A			
2. Is the pad cracked or deteriorated? ☐ NO ☒ YES ☒ N/A			
3. Is the pad sloped to prevent water from ponding around the casing? ☐ NO ☐ YES ☒ N/A			
GUARD POSTS:			
1. Are the guardposts damaged? ☐ NO ☐ YES ☒ N/A			
2. Are the guardposts positioned to prevent collision damage to well? ☐ NO ☐ YES ☒ N/A			
3. Are the guardposts of adequate height? ☐ NO ☐ YES ☒ N/A			
4. Is the high-traffic yellow paint degraded? ☐ NO ☐ YES ☒ N/A			
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
2" PVC casing stick up, no pad or posts. Water tight cap with lock. Access is by walking. Recommend P&A.			
Inspection Date: 11/10/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-413

WELL INFORMATION	
Well Number: <u>1108</u>	Screen or Open Interval Length: <u>5.0</u> ft.
Site: <u>FAP</u>	Constructed Depth: <u>11.5</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☐	☒	☒
2. Is the PVC well casing cracked or broken?				☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☐
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel / brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☐	☐	☒
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:					<u>11.7</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☐	☒

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s)

COMMENTS

2" PVC casing stickup, no pad or posts. Watertight cap. Access by walking. Recommend P&A.

Inspection Date: 11/10/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-419

WELL INFORMATION							
Well Number:	1109	Screen or Open Interval Length:	10.0	ft.			
Site:	FAP	Constructed Depth:	42.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☒
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					39.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					26	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☐	☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
2" PVC well casing; access is by walking. Found with cap and lock missing. Recommend P&A for this well.							

Inspection Date:		11/10/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-420

WELL INFORMATION	
Well Number: <u>1110</u>	Screen or Open Interval Length: <u>7.0</u> ft.
Site: <u>FAP</u>	Constructed Depth: <u>9.3</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC			
				NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☐	☒	☒
2. Is the PVC well casing cracked or broken?				☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☐
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☐	☐
2. Does the well have a waterproof steel / brass lock?				☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☐	☒
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☐	☐
2. Measured depth of well from top of well casing:				<u>8.5</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☐	☒	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:						
				NO	YES	N/A
1. Does the access road require grading or additional gravel?				☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____				☐	☒	☐
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☒	☐	☐
2. Is the well number legible?				☒	☐	☐
3. Is the well identification number correct?				☒	☐	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☒	☐	☒
2. Is the pad cracked or deteriorated?				☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?				☒	☐	☒
GUARD POSTS:						
1. Are the guardposts damaged?				☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?				☒	☐	☒
3. Are the guardposts of adequate height?				☒	☐	☒
4. Is the high-traffic yellow paint degraded?				☐	☒	☒

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Well has water-tight locking cap. Access is by walking. Recommend P&A for this well.

Inspection Date: 11/10/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-462

WELL INFORMATION			
Well Number:	53-1A	Screen or Open Interval Length:	5.0 ft.
Site:	Y-12	Constructed Depth:	25.1 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☐	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		21.9	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		64	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☐
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well needs new lock and hasp, brush cleared from around site.			
Inspection Date: 11/17/94		Inspected By: S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-502

WELL INFORMATION							
Well Number:	<u>54-2A</u>	Screen or Open Interval Length:	<u>5.0</u>	ft.			
Site:	<u>Y-12</u>	Constructed Depth:	<u>29.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>26.1</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>58</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐			
2. Is the well number legible?			☒	☐			
3. Is the well identification number correct?			☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?			☒	☐			
2. Is the pad cracked or deteriorated?		☒	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐			
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐			
3. Are the guardposts of adequate height?			☒	☐			
4. Is the high-traffic yellow paint degraded?		☒	☒	☐			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Well casing and cap has been painted.</u> 							
Inspection Date:		<u>12/15/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-452

WELL INFORMATION			
Well Number: 55-1A	Screen or Open Interval Length: 5.0	ft.	
Site: Y-12	Constructed Depth: 19.8	ft.	
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	19.1	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	14	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☐
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: 11/16/94 Inspected By: S.B. Jones </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-451

WELL INFORMATION							
Well Number:	<u>55-1B</u>	Screen or Open Interval Length:	<u>5.0</u>	ft.			
Site:	<u>Y-12</u>	Constructed Depth:	<u>39.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>38.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>< 5</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒			☒	☐	☐
5. Do any obstructions occur within the well?		☒			☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒			☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒			☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒			☐	☐	☐
2. Is the pad cracked or deteriorated?		☐			☒	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☐			☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?		☒			☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?		☐			☒	☐	☐
3. Are the guardposts of adequate height?		☐			☒	☐	☐
4. Is the high-traffic yellow paint degraded?		☒			☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div></div>							
Inspection Date:		<u>11/16/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-450

WELL INFORMATION							
Well Number:	<u>55-1C</u>	Screen or Open Interval Length:	<u>5.0</u>	ft.			
Site:	<u>Y-12</u>	Constructed Depth:	<u>76.6</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☐	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>75.6</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>20</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		<u>11/16/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-449

WELL INFORMATION							
Well Number:	<u>55-2A</u>	Screen or Open Interval Length:	<u>5.0</u>	ft.			
Site:	<u>Y-12</u>	Constructed Depth:	<u>14.7</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:						<u>13.9</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						<u>16</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☐	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☐	☒	☐			
2. Is the well number legible?		☐	☒	☐			
3. Is the well identification number correct?		☐	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☐	☐			
2. Is the pad cracked or deteriorated?		☐	☐	☒			
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☐	☒			
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☐	☐			
2. Are the guardposts positioned to prevent collision damage to well?		☐	☒	☐			
3. Are the guardposts of adequate height?		☐	☒	☐			
4. Is the high-traffic yellow paint degraded?		☐	☒	☐			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)		_____				
COMMENTS							
<div></div>							
<div>Inspection Date: <u>11/16/94</u> Inspected By: <u>S.B. Jones</u></div>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-448

WELL INFORMATION							
Well Number:	55-2B	Screen or Open Interval Length:	5.0	ft.			
Site:	Y-12	Constructed Depth:	28.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?							X
2. Is the PVC well casing cracked or broken?		X					
3. Is a protective surface casing installed (PVC well only)?							X
4. Is the protective casing corroded, bent, or broken?							X
5. Is a weep located at the base of the protective casing?							X
6. Is the steel, stainless steel, or PVC well casing loose?		X					
WELL SECURITY:							
1. Does the well have a cap or lid?						X	
2. Does the well have a waterproof steel / brass lock?						X	
3. Are the hasps firmly welded to well cap and / or metal casing?							X
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						X	
2. Measured depth of well from top of well casing:					27.4		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					26		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?						X	
5. Do any obstructions occur within the well?		X					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					X		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?						X	
2. Is the well number legible?						X	
3. Is the well identification number correct?						X	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					X		
2. Is the pad cracked or deteriorated?							X
3. Is the pad sloped to prevent water from ponding around the casing?							X
GUARD POSTS:							
1. Are the guardposts damaged?					X		
2. Are the guardposts positioned to prevent collision damage to well?						X	
3. Are the guardposts of adequate height?						X	
4. Is the high-traffic yellow paint degraded?						X	
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		11/16/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-447

WELL INFORMATION	
Well Number: <u>55-2C</u>	Screen or Open Interval Length: <u>5.0</u> ft.
Site: <u>Y-12</u>	Constructed Depth: <u>76.7</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC			
				NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☐	☒	☒
2. Is the PVC well casing cracked or broken?				☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?				☐	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☐	☒
5. Is a weep located at the base of the protective casing?				☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel / brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☐	☐	☒
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:					<u>75.8</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:						
				NO	YES	N/A
1. Does the access road require grading or additional gravel?				☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____				☒	☐	☐
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☐	☒	☐
2. Is the well number legible?				☐	☒	☐
3. Is the well identification number correct?				☐	☒	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☒	☐	☐
2. Is the pad cracked or deteriorated?				☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?				☐	☐	☒
GUARD POSTS:						
1. Are the guardposts damaged?				☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?				☐	☒	☐
3. Are the guardposts of adequate height?				☐	☒	☐
4. Is the high-traffic yellow paint degraded?				☐	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s)

COMMENTS

Inspection Date: 11/16/94

Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-446

WELL INFORMATION			
Well Number:	55-3A	Screen or Open Interval Length:	5.0 ft.
Site:	Y-12	Constructed Depth:	15.2 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☐
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		No msmt. ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒
5. Do any obstructions occur within the well?		☐	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☐	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Only a visual inspection performed; wells located in a rad. zone.			

Inspection Date: 11/16/94		Inspected By: S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-445

WELL INFORMATION							
Well Number:	55-3B	Screen or Open Interval Length:	5.0	ft.			
Site:	Y-12	Constructed Depth:	39.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					No msmt.	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		Well located in a radiological area			☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Only a visual inspection performed; well located in a rad. zone.							
Inspection Date:		11/16/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-444

WELL INFORMATION							
Well Number:	55-3C	Screen or Open Interval Length:	5.0	ft.			
Site:	Y-12	Constructed Depth:	80.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒	☒			X
2. Is the PVC well casing cracked or broken?		☒	☐	☐			
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☐			X
4. Is the protective casing corroded, bent, or broken?		☐	☒	☐			X
5. Is a weep located at the base of the protective casing?		☒	☐	☐			X
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐	☐			
WELL SECURITY:							
1. Does the well have a cap or lid?		☒	☒	☐			
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐			
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐	☐			X
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☒	☐	☐			
2. Measured depth of well from top of well casing:					No measl.	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒	☐			X
5. Do any obstructions occur within the well?		☐	☒	☐			X
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		Well is located in a radiological area.			☐	☒	
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐			
2. Is the well number legible?		☒	☒	☐			
3. Is the well identification number correct?		☒	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☐	☐			
2. Is the pad cracked or deteriorated?		☐	☒	☐			X
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐	☐			X
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐			
3. Are the guardposts of adequate height?		☒	☒	☐			
4. Is the high-traffic yellow paint degraded?		☐	☒	☐			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Only a visual inspection performed since well is in a designated rad. zone.							
Inspection Date:		11/16/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-457

WELL INFORMATION							
Well Number:	55-4B	Screen or Open Interval Length:	5.0	ft.			
Site:	Y-12	Constructed Depth:	26.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☐	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:							ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length							%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☐	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well not located; probably destroyed.							
Inspection Date:		11/17/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-458

WELL INFORMATION							
Well Number:	<u>55-4C</u>	Screen or Open Interval Length:	<u>5.0</u>	ft.			
Site:	<u>Y-12</u>	Constructed Depth:	<u>73.5</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☐	☐
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:							ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length							%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☐	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<p align="center">_____ Could not locate well; probably destroyed. _____</p>							
Inspection Date:		<u>11/17/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-456

WELL INFORMATION	
Well Number: <u>55-5A</u>	Screen or Open Interval Length: <u>5.0</u> ft.
Site: <u>Y-12</u>	Constructed Depth: <u>12.8</u> ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☐	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☐	☐
2. Does the well have a waterproof steel / brass lock?	☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☐	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☐	☐
2. Measured depth of well from top of well casing: _____ ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length _____ %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☐
5. Do any obstructions occur within the well?	☐	☒	☐

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☐
3. Is the well identification number correct?	☒	☐	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☐
2. Is the pad cracked or deteriorated?	☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☐
3. Are the guardposts of adequate height?	☒	☐	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

 Could not locate well; probably destroyed.

Inspection Date: 11/17/94

Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-455

WELL INFORMATION						
Well Number:	55-6A		Screen or Open Interval Length:	5.0		ft.
Site:	Y-12		Constructed Depth:	15.1		ft.
PRIMARY INSPECTION ITEMS:						
WELL CASINGS:			☐ Steel	☐ Stainless Steel	☒ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☐	☒	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			12.7		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			48		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☐	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
Inspection Date: 11/17/94			Inspected By: S.B. Jones			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-454

WELL INFORMATION							
Well Number:	56-1A	Screen or Open Interval Length:	5.0	ft.			
Site:	Y-12	Constructed Depth:	19.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					18.9	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					12	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		11/17/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-453

WELL INFORMATION			
Well Number: <u>56-1C</u> Site: <u>Y-12</u>	Screen or Open Interval Length: <u>5.0</u> ft. Constructed Depth: <u>75.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>73.4</u>		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>50</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☐
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>11/17/94</u> Inspected By: <u>S.B. Jones</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-442

WELL INFORMATION

Well Number: 56-2A

Screen or Open Interval Length: 5.0 ft.

Site: Y-12

Constructed Depth: 15.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☐

Stainless Steel

☒

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☐☒☒

2. Is the PVC well casing cracked or broken?

☒☐☐

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

15.1 ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

16 %

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain: _____

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☐☐

2. Is the pad cracked or deteriorated?

☐☒☒

3. Is the pad sloped to prevent water from ponding around the casing?

☒☐☒

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☐☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Inspection Date: 11/16/94

Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-441

WELL INFORMATION							
Well Number:	56-2B	Screen or Open Interval Length:	5.0	ft.			
Site:	Y-12	Constructed Depth:	38.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?							☒
2. Is the PVC well casing cracked or broken?		☒					
3. Is a protective surface casing installed (PVC well only)?							☒
4. Is the protective casing corroded, bent, or broken?							☒
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒					
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:					38.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					< 5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒					
5. Do any obstructions occur within the well?		☒					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?						☒	
2. Is the well number legible?						☒	
3. Is the well identification number correct?						☒	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒					
2. Is the pad cracked or deteriorated?							☒
3. Is the pad sloped to prevent water from ponding around the casing?							☒
GUARD POSTS:							
1. Are the guardposts damaged?		☒					
2. Are the guardposts positioned to prevent collision damage to well?		☒					
3. Are the guardposts of adequate height?						☒	
4. Is the high-traffic yellow paint degraded?		☒					
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		11/16/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-443

WELL INFORMATION

Well Number: 56-2C

Screen or Open Interval Length: 5.0 ft.

Site: Y-12

Constructed Depth: 79.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☐

Stainless Steel

☒

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☐
☒
☒

2. Is the PVC well casing cracked or broken?

☒
☐
☐

3. Is a protective surface casing installed (PVC well only)?

☒
☐
☒

4. Is the protective casing corroded, bent, or broken?

☐
☒
☒

5. Is a weep located at the base of the protective casing?

☒
☐
☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒
☒
☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒
☒
☐

2. Does the well have a waterproof steel / brass lock?

☒
☒
☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒
☒
☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒
☒
☐

2. Measured depth of well from top of well casing:

77.1 ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

54 %

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☐
☒
☐

5. Do any obstructions occur within the well?

☒
☒
☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒
☒
☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain: _____

☒
☒
☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒
☒
☐

2. Is the well number legible?

☒
☒
☐

3. Is the well identification number correct?

☒
☒
☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒
☐
☐

2. Is the pad cracked or deteriorated?

☐
☒
☒

3. Is the pad sloped to prevent water from ponding around the casing?

☒
☐
☒

GUARD POSTS:

1. Are the guardposts damaged?

☒
☒
☐

2. Are the guardposts positioned to prevent collision damage to well?

☒
☐
☐

3. Are the guardposts of adequate height?

☒
☒
☐

4. Is the high-traffic yellow paint degraded?

☒
☒
☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Inspection Date: 11/16/94

Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-440

WELL INFORMATION							
Well Number:	<u>56-3A</u>	Screen or Open Interval Length:	<u>5.0</u>	ft.			
Site:	<u>Y-12</u>	Constructed Depth:	<u>18.5</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☒	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>17.8</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>16</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.					Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div></div>							
Inspection Date:		<u>11/16/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-439

WELL INFORMATION						
Well Number: <u>56-3B</u>	Screen or Open Interval Length: <u>5.0</u> ft.					
Site: <u>Y-12</u>	Constructed Depth: <u>34.4</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☐	☒	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:				<u>33.1</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>26</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☐	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
Soft tag on bottom for measurement.						
Inspection Date: <u>11/16/94</u>			Inspected By: <u>S.B. Jones</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-438

WELL INFORMATION						
Well Number: <u>56-3C</u>	Screen or Open Interval Length: <u>5.0</u> ft.					
Site: <u>Y-12</u>	Constructed Depth: <u>56.0</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☐	☒	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>55.3</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>14</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☐	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
Inspection Date: <u>11/16/94</u>			Inspected By: <u>S.B. Jones</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-435

WELL INFORMATION						
Well Number: <u>56-4A</u>	Screen or Open Interval Length: <u>5.0</u> ft.					
Site: <u>Y-12</u>	Constructed Depth: <u>14.1</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☐	☒	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☐	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☐	☒	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:				13.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				10	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☐	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐	☒	
3. Are the guardposts of adequate height?			☒	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
_____ No pad or posts. Top of casing is broken. _____ _____						
Inspection Date: <u>11/16/94</u>			Inspected By: <u>S.B. Jones</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-434

WELL INFORMATION						
Well Number: <u>56-4B</u> Site: <u>Y-12</u>	Screen or Open Interval Length: <u>5.0</u> ft. Constructed Depth: <u>33.4</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC						
	NO	YES	N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☐			
2. Is the PVC well casing cracked or broken?	☐	☒	☐			
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐			
4. Is the protective casing corroded, bent, or broken?	☐	☒	☐			
5. Is a weep located at the base of the protective casing?	☒	☐	☐			
6. Is the steel, stainless steel, or PVC well casing loose?	☐	☒	☐			
WELL SECURITY:						
1. Does the well have a cap or lid?	☒	☐	☐			
2. Does the well have a waterproof steel / brass lock?	☒	☐	☐			
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☐	☐			
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☒	☐	☐			
2. Measured depth of well from top of well casing:				ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☐			
5. Do any obstructions occur within the well?	☐	☒	☐			
SECONDARY INSPECTION ITEMS						
WELL ACCESS:						
1. Does the access road require grading or additional gravel?	☐	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐			
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐			
2. Is the well number legible?	☒	☐	☐			
3. Is the well identification number correct?	☒	☐	☐			
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?	☒	☐	☐			
2. Is the pad cracked or deteriorated?	☐	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☐			
GUARD POSTS:						
1. Are the guardposts damaged?	☐	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☐			
3. Are the guardposts of adequate height?	☒	☐	☐			
4. Is the high-traffic yellow paint degraded?	☐	☒	☐			
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994						
☐ Primary Item(s)		☐ Secondary Item(s)		_____		
COMMENTS						
Could not locate well; probably destroyed.						
Inspection Date: <u>11/16/94</u> Inspected By: <u>S.B. Jones</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-433

WELL INFORMATION							
Well Number:	56-4C	Screen or Open Interval Length:	5.0	ft.			
Site:	Y-12	Constructed Depth:	79.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					75.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					90	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☐	☒	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		11/16/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-437

WELL INFORMATION							
Well Number:	<u>56-6A</u>	Screen or Open Interval Length:	<u>5.0</u>	ft.			
Site:	<u>Y-12</u>	Constructed Depth:	<u>23.2</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>20.8</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>48</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>No pad; post appears to have been hit; well has silt in screened interval.</u>							
Inspection Date:		<u>11/16/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-430

WELL INFORMATION			
Well Number: <u>56-7A</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>Y-12</u>	Constructed Depth: <u>22.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:		<u>21.0</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>38</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☐
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Only one guardpost in place, no pad. Low priority for maintenance.</u>			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>11/16/94</u> Inspected By: <u>S.B. Jones</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-431

WELL INFORMATION							
Well Number:	56-8A	Screen or Open Interval Length:	5.0	ft.			
Site:	Y-12	Constructed Depth:	28.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					25.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
No pad, posts.							
Inspection Date:		11/16/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-432

WELL INFORMATION							
Well Number:	<u>56-9A</u>	Screen or Open Interval Length:	<u>19.4</u>	ft.			
Site:	<u>Y-12</u>	Constructed Depth:	<u>5.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☐	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:							ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length							%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☐	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<p align="center">*Could not locate well; may be destroyed.</p> <p>_____</p> <p>_____</p>							
Inspection Date:		<u>11/16/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-490

WELL INFORMATION							
Well Number:	58-2A	Screen or Open Interval Length:	5.0	ft.			
Site:	Y-12	Constructed Depth:	11.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒	☒			X
2. Is the PVC well casing cracked or broken?		☒	☐	☐			
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☐			X
4. Is the protective casing corroded, bent, or broken?		☐	☒	☐			X
5. Is a weep located at the base of the protective casing?		☒	☐	☐			X
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐	☐			
WELL SECURITY:							
1. Does the well have a cap or lid?		☒	☐	☒			
2. Does the well have a waterproof steel / brass lock?		☒	☐	☒			
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐	☐			X
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☒	☐	☒			
2. Measured depth of well from top of well casing:			9.9	ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			38	%			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒	☐			
5. Do any obstructions occur within the well?		☒	☒	☐			
SECONDARY INSPECTION ITEMS							
WELL ACCESS:			NO	YES		N/A	
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☐	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐	☒			
2. Is the well number legible?		☒	☐	☒			
3. Is the well identification number correct?		☒	☐	☒			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☐	☐			
2. Is the pad cracked or deteriorated?		☐	☒	☐		X	
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐	☐		X	
GUARD POSTS:							
1. Are the guardposts damaged?		☐	☒	☐		X	
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐	☐		X	
3. Are the guardposts of adequate height?		☒	☐	☐		X	
4. Is the high-traffic yellow paint degraded?		☐	☒	☐		X	
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.					Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		12/15/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-334

WELL INFORMATION							
Well Number:	<u>CH-143</u>	Screen or Open Interval Length:	<u>546.0</u>	ft.			
Site:	<u>KHQ</u>	Constructed Depth:	<u>600.2</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☐	☐
2. Measured depth of well from top of well casing:				No msmt.		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Corehole is obstructed at 54.5 ft. below top of casing.							
Inspection Date:		<u>11/1/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-236

WELL INFORMATION			
Well Number:	CH-157	Screen or Open Interval Length:	459.0 ft.
Site:	CRSDB	Constructed Depth:	540.0 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			
		NO	YES
		N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		No measurement ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		See comments %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☐	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☐	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☒	☒
4. Is the high-traffic yellow paint degraded?		☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request no. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Corehole, steel cased (4") No pad or posts. No measurement made; suspect contamination. Advise no tools in hole.			
Inspection Date: 9/21/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-664

WELL INFORMATION						
Well Number: <u>CH-185</u>	Screen or Open Interval Length: <u>--</u> ft.					
Site: <u>RQ</u>	Constructed Depth: <u>842.7</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			See comments		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			--		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☒	
5. Do any obstructions occur within the well?			☐	☒	☒	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☒	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<u>Corehole; no measurement made since TD is greater than tape capacity.</u>						
Inspection Date: <u>12/6/94</u> Inspected By: <u>McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-663

WELL INFORMATION							
Well Number:	CH-189	Screen or Open Interval Length:	--	ft.			
Site:	R Q	Constructed Depth:	763.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☐	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:		See comments ft.					
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %					
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☐	☒
5. Do any obstructions occur within the well?					☐	☐	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☐	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____			
COMMENTS							
Well was resurveyed in order to locate. Needs complete wellhead rehabilitation. Corehole clear to approximately 700 ft, the capacity of tape reel.							
Inspection Date:		12/6/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-205

WELL INFORMATION

Well Number: GW-001

Screen or Open Interval Length: 5.0 ft.

Site: OL

Constructed Depth: 25.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐ Steel

☒ Stainless Steel

☐ PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒
☒
☐

2. Is the PVC well casing cracked or broken?

☐
☒
☒

3. Is a protective surface casing installed (PVC well only)?

☒
☒
☒

4. Is the protective casing corroded, bent, or broken?

☐
☒
☒

5. Is a weep located at the base of the protective casing?

☒
☒
☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒
☒
☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒
☒
☐

2. Does the well have a waterproof steel / brass lock?

☒
☒
☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒
☒
☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒
☒
☐

2. Measured depth of well from top of well casing:

27.7

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒
☒
☐

5. Do any obstructions occur within the well?

☒
☒
☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒
☒
☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain: _____

☒
☒
☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒
☒
☐

2. Is the well number legible?

☒
☒
☐

3. Is the well identification number correct?

☒
☒
☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒
☐
☒

2. Is the pad cracked or deteriorated?

☐
☒
☒

3. Is the pad sloped to prevent water from ponding around the casing?

☒
☐
☒

GUARD POSTS:

1. Are the guardposts damaged?

☒
☒
☐

2. Are the guardposts positioned to prevent collision damage to well?

☒
☒
☐

3. Are the guardposts of adequate height?

☒
☒
☐

4. Is the high-traffic yellow paint degraded?

☒
☒
☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)

☐ Secondary Item(s)

COMMENTS

Well is 2.2 ft. deeper than listed constructed depth.

Inspection Date: 8/18/94

Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-206

WELL INFORMATION							
Well Number:	GW-002	Screen or Open Interval Length:	5.0	ft.			
Site:	O L	Constructed Depth:	61.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒	☐	
2. Is the PVC well casing cracked or broken?					☒	☐	
3. Is a protective surface casing installed (PVC well only)?					☒	☐	
4. Is the protective casing corroded, bent, or broken?					☒	☐	
5. Is a weep located at the base of the protective casing?					☒	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒		☒	☐	
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	
2. Does the well have a waterproof steel / brass lock?					☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	
2. Measured depth of well from top of well casing:				No meas.	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒		☒	☐	
5. Do any obstructions occur within the well?			☒		☒	☐	
SECONDARY INSPECTION ITEMS							
WELL ACCESS:			NO	YES	N/A		
1. Does the access road require grading or additional gravel?			☒	☒	☐		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☒	☐		
2. Is the well number legible?				☒	☐		
3. Is the well identification number correct?				☒	☐		
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?				☐	☒		
2. Is the pad cracked or deteriorated?				☒	☐		
3. Is the pad sloped to prevent water from ponding around the casing?				☐	☒		
GUARD POSTS:							
1. Are the guardposts damaged?			☒	☒	☐		
2. Are the guardposts positioned to prevent collision damage to well?				☒	☐		
3. Are the guardposts of adequate height?				☒	☐		
4. Is the high-traffic yellow paint degraded?			☒	☒	☐		
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
2" stainless casing obstructed at 1 ft. below top of casing. Bailer is stuck in well and cannot be removed.							
Inspection Date:		8/18/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-285

WELL INFORMATION							
Well Number:	GW-005	Screen or Open Interval Length:	5.0	ft.			
Site:	O L	Constructed Depth:	13.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					15.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Posts need painting.							
Inspection Date:		10/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-463

WELL INFORMATION			
Well Number: <u>GW-006</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>O L</u>	Constructed Depth: <u>42.3</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>46.0</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☒
2. Is the well number legible?	☒	☐	☒
3. Is the well identification number correct?	☒	☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guard posts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-059S, 94-062P</u>	
COMMENTS			
<u>This well had been covered by previous activities for cap, had to excavate area to find. Well needs casing extension, pad, posts installed. Well is to be sampled again on routine basis. Will also need rehab. work before sampling.</u>			
Inspection Date: <u>11/30/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-288

WELL INFORMATION			
Well Number: <u>GW-007</u>	Screen or Open Interval Length: <u>2.0</u> ft.		
Site: <u>O L</u>	Constructed Depth: <u>15.3</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div></div>	<div></div>	<div></div>
2. Is the PVC well casing cracked or broken?	<div></div>	<div></div>	<div></div>
3. Is a protective surface casing installed (PVC well only)?	<div></div>	<div></div>	<div></div>
4. Is the protective casing corroded, bent, or broken?	<div></div>	<div></div>	<div></div>
5. Is a weep located at the base of the protective casing?	<div></div>	<div></div>	<div></div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div></div>	<div></div>	<div></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div></div>	<div></div>	<div></div>
2. Does the well have a waterproof steel/brass lock?	<div></div>	<div></div>	<div></div>
3. Are the hasps firmly welded to well cap and/or metal casing?	<div></div>	<div></div>	<div></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div></div>	<div></div>	<div></div>
2. Measured depth of well from top of well casing:			ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length			%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div></div>	<div></div>	<div></div>
5. Do any obstructions occur within the well?	<div></div>	<div></div>	<div></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS: NO YES N/A			
1. Does the access road require grading or additional gravel?	<div></div>	<div></div>	<div></div>
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	<div></div>	<div></div>	<div></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div></div>	<div></div>	<div></div>
2. Is the well number legible?	<div></div>	<div></div>	<div></div>
3. Is the well identification number correct?	<div></div>	<div></div>	<div></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div></div>	<div></div>	<div></div>
2. Is the pad cracked or deteriorated?	<div></div>	<div></div>	<div></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div></div>	<div></div>	<div></div>
GUARD POSTS:			
1. Are the guard posts damaged?	<div></div>	<div></div>	<div></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div></div>	<div></div>	<div></div>
3. Are the guardposts of adequate height?	<div></div>	<div></div>	<div></div>
4. Is the high-traffic yellow paint degraded?	<div></div>	<div></div>	<div></div>
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-059S</u>	
COMMENTS			
<u>*Well covered to top of Well Wizard with fill material; Well Wizard cannot be removed. Pump head does not fit securely on casing.</u> <u>Debris and gravel suspected in well casing. Recommend P&A if possible.</u>			
Inspection Date: <u>10/7/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-291

WELL INFORMATION			
Well Number:	GW-008	Screen or Open Interval Length:	5.0 ft.
Site:	O L	Constructed Depth:	23.4 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		24.8	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Posts need painting.</div>			
Inspection Date: 10/7/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-295

WELL INFORMATION

Well Number: GW-010

Screen or Open Interval Length: 5.0 ft.

Site: O L

Constructed Depth: 14.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☒

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

17.6 ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

-- %

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☐☒

2. Is the pad cracked or deteriorated?

☐☒☒

3. Is the pad sloped to prevent water from ponding around the casing?

☒☐☒

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Inspection Date: 10/7/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-293

WELL INFORMATION			
Well Number: <u>GW-011</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>O L</u>	Constructed Depth: <u>49.2</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	No measl. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☒
3. Is the well identification number correct?	☒	☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Could not remove Well Wizard, casing is kinked. Protective posts and ID tag buried under cap. Well number on pump head.</u>			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>10/7/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-294

WELL INFORMATION							
Well Number:	GW-012	Screen or Open Interval Length:	2.0	ft.			
Site:	OL	Constructed Depth:	17.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					18.8	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☒
3. Is the well identification number correct?					☒	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
ID tag for well buried under cap. Protective posts are buried too. Well Wizard installation, well number on pumphead.							
Inspection Date:		10/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-296

WELL INFORMATION							
Well Number:	GW-013	Screen or Open Interval Length:	2.0	ft.			
Site:	O L	Constructed Depth:	12.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					No Msmt.	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-036S			
COMMENTS							
Well Wizard installation, could not remove due to obstruction casing. No measurement.							
Inspection Date:		10/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-127

WELL INFORMATION						
Well Number: <u>GW-014</u>	Screen or Open Interval Length: <u>2.0</u> ft.					
Site: <u>B G</u>	Constructed Depth: <u>14.4</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>15.2</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☐	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<u>Well Wizard installation; removed and replaced for measurement. Posts need painting.</u>						
Inspection Date: <u>8/3/94</u> Inspected By: <u>McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-128

WELL INFORMATION							
Well Number:	<u>GW-015</u>	Screen or Open Interval Length:	<u>5.0</u>	ft.			
Site:	<u>B G</u>	Constructed Depth:	<u>10.2</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>11.5</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Well access needs clearing of brush and weeds. Posts need painting.</u> _____ _____							
Inspection Date:		<u>8/3/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-183

WELL INFORMATION

Well Number: GW-016

Screen or Open Interval Length: 2.0 ft.

Site: B G

Constructed Depth: 17.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☒

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

18.4

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☐☒

2. Is the pad cracked or deteriorated?

☐☒☒

3. Is the pad sloped to prevent water from ponding around the casing?

☒☐☒

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☐☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Well Wizard installation; removed and replaced for measurement.. Posts need painting.

Inspection Date: 8/9/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-392

WELL INFORMATION							
Well Number:	GW-017	Screen or Open Interval Length:	5.0	ft.			
Site:	B G	Constructed Depth:	63.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					65.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		11/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-284

WELL INFORMATION							
Well Number:	<u>GW-018</u>	Screen or Open Interval Length:	<u>2.0</u>		ft.		
Site:	<u>B G</u>	Constructed Depth:	<u>20.6</u>		ft.		
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>21.7</u>		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-036S</u>			
COMMENTS							
<u>This well is slightly obstructed approx. 2-3 ft. below top of casing.</u>							
Inspection Date:		<u>9/29/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-466

WELL INFORMATION																			
Well Number: <u>GW-041</u>	Screen or Open Interval Length: <u>2.0</u> ft.																		
Site: <u>B G</u>	Constructed Depth: <u>41.6</u> ft.																		
PRIMARY INSPECTION ITEMS:																			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A																			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>	X												X	X	X	X		
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2. Is the PVC well casing cracked or broken?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>													X	X	X	X		
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3. Is a protective surface casing installed (PVC well only)?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>													X	X	X	X		
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4. Is the protective casing corroded, bent, or broken?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>													X	X	X	X		
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5. Is a weep located at the base of the protective casing?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>	X																	
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6. Is the steel, stainless steel, or PVC well casing loose?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>	X																	
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WELL SECURITY:																			
1. Does the well have a cap or lid?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>							X	X	X									
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2. Does the well have a waterproof steel / brass lock?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>							X	X	X									
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3. Are the hasps firmly welded to well cap and / or metal casing?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>							X	X	X									
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DOWNHOLE CONDITION:																			
1. Is a measurement reference point marked on the top of the well casing?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>							X											
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2. Measured depth of well from top of well casing:	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">42.0</td></tr> <tr><td align="center">ft.</td></tr> </table>	42.0	ft.																
42.0																			
ft.																			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">--</td></tr> <tr><td align="center">%</td></tr> </table>	--	%																
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4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>	X																	
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5. Do any obstructions occur within the well?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>	X																	
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SECONDARY INSPECTION ITEMS																			
WELL ACCESS:																			
1. Does the access road require grading or additional gravel?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>	X																	
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2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Contact Health Physics for entry into burial ground (Rad area)</u>	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>							X											
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1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>							X	X	X									
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2. Is the well number legible?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>							X	X	X									
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3. Is the well identification number correct?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>							X	X	X									
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2. Is the pad cracked or deteriorated?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>													X	X	X			
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GUARD POSTS:																			
1. Are the guardposts damaged?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>	X																	
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2. Are the guardposts positioned to prevent collision damage to well?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>							X	X	X									
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3. Are the guardposts of adequate height?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>							X	X	X									
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4. Is the high-traffic yellow paint degraded?	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td align="center">X</td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </table>	X																	
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WELL MAINTENANCE REQUEST																			
Complete if any of the above shaded yes/no boxes are checked.																			
☐ Primary Item(s)	☐ Secondary Item(s)																		
Request nos. for maintenance performed on this well in 1994																			
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>																			
COMMENTS																			
<u>Well Wizard installation; removed and replaced for measurement.</u>																			
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>																			
Inspection Date: <u>11/30/94</u>	Inspected By: <u>McMaster</u>																		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-394

WELL INFORMATION			
Well Number: <u>GW-045</u>	Screen or Open Interval Length: <u>10.0</u>	ft.	
Site: <u>B G</u>	Constructed Depth: <u>15.0</u>	ft.	

PRIMARY INSPECTION ITEMS:						
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☐	☐
2. Does the well have a waterproof steel / brass lock?				☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☐	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☐	☐
2. Measured depth of well from top of well casing:				<u>17.1</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS						
WELL ACCESS:				NO	YES	N/A
1. Does the access road require grading or additional gravel?				☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____				☒	☒	☐
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☒	☐	☐
2. Is the well number legible?				☒	☐	☐
3. Is the well identification number correct?				☒	☐	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☒	☐	☒
2. Is the pad cracked or deteriorated?				☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?				☒	☐	☒
GUARD POSTS:						
1. Are the guardposts damaged?				☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?				☒	☒	☐
3. Are the guardposts of adequate height?				☒	☒	☐
4. Is the high-traffic yellow paint degraded?				☒	☒	☐

WELL MAINTENANCE REQUEST	
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)	Request no. for maintenance performed on this well in 1994 _____

COMMENTS
Well Wizard installation; removed and replaced for measurement.

Inspection Date: 11/7/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-325

WELL INFORMATION			
Well Number:	GW-046	Screen or Open Interval Length:	10.0 ft.
Site:	B G	Constructed Depth:	20.5 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		22.8	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well Wizard; removed and replaced for measurement.			
Inspection Date: 10/28/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-182

WELL INFORMATION						
Well Number: <u>GW-048</u>	Screen or Open Interval Length: <u>5.0</u> ft.					
Site: <u>B G</u>	Constructed Depth: <u>10.3</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			No msmt.		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			--		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Weeds, and small trees need removal for access.</u>			☐	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐	☒	
3. Are the guardposts of adequate height?			☒	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)						
COMMENTS						
<u>Bailer is stuck in well and cannot be removed. No protective posts in place. Recommend P&A.</u>						
Inspection Date: <u>8/9/94</u> Inspected By: <u>McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-179

WELL INFORMATION			
Well Number: <u>GW-049</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>21.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☐	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well has no hasp or lock. Bailer is stuck in well and cannot be removed. Recommend P&A.			

Inspection Date: <u>8/9/94</u>	Inspected By: <u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-175

WELL INFORMATION							
Well Number:	<u>GW-050</u>	Screen or Open Interval Length:	<u>2.0</u>	ft.			
Site:	<u>B G</u>	Constructed Depth:	<u>15.6</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>17.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Annular grout is crumbled at surface, but hard below. Posts need painting.</u>							
Inspection Date: <u>8/8/94</u>		Inspected By: <u>McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-324

WELL INFORMATION							
Well Number:	GW-051	Screen or Open Interval Length:	5.0	ft.			
Site:	B G	Constructed Depth:	13.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				14.4	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well Wizard installation; removed and replaced for measurement. Well is dry; good candidate for P&A.							
Inspection Date:		10/28/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-397

WELL INFORMATION						
Well Number: <u>GW-052</u>	Screen or Open Interval Length: <u>5.0</u> ft.					
Site: <u>B G</u>	Constructed Depth: <u>20.6</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☐	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>21.8</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
_____ _____ _____						
Inspection Date: <u>11/7/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-331

WELL INFORMATION							
Well Number:	GW-054	Screen or Open Interval Length:	2.0	ft.			
Site:	B G	Constructed Depth:	40.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒		
2. Is the PVC well casing cracked or broken?							☒
3. Is a protective surface casing installed (PVC well only)?							☒
4. Is the protective casing corroded, bent, or broken?							☒
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?			☒				
WELL SECURITY:							
1. Does the well have a cap or lid?					☒		
2. Does the well have a waterproof steel / brass lock?					☒		
3. Are the hasps firmly welded to well cap and / or metal casing?					☒		
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒		
2. Measured depth of well from top of well casing:				40.7			ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--			%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒				
5. Do any obstructions occur within the well?			☒				
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒		
2. Is the well number legible?					☒		
3. Is the well identification number correct?					☒		
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?							☒
2. Is the pad cracked or deteriorated?							☒
3. Is the pad sloped to prevent water from ponding around the casing?							☒
GUARD POSTS:							
1. Are the guardposts damaged?			☒				
2. Are the guardposts positioned to prevent collision damage to well?					☒		
3. Are the guardposts of adequate height?					☒		
4. Is the high-traffic yellow paint degraded?			☒				
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994					
☐ Primary Item(s)		☐ Secondary Item(s)		94-023S			
COMMENTS							
Well Wizard installation; removed and replaced for measurement.							
Inspection Date:		10/28/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-089

WELL INFORMATION							
Well Number:	<u>GW-055</u>	Screen or Open Interval Length:	<u>2.0</u>	ft.			
Site:	<u>BG</u>	Constructed Depth:	<u>23.1</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>22.9</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>—</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-023S</u>			
COMMENTS							
<div></div>							
Inspection Date:		<u>7/20/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-094

WELL INFORMATION							
Well Number:	GW-058	Screen or Open Interval Length:	2.0	ft.			
Site:	B G	Constructed Depth:	47.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					47.8	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		7/20/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-095

WELL INFORMATION							
Well Number:	GW-059	Screen or Open Interval Length:	2.0	ft.			
Site:	B G	Constructed Depth:	27.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					27.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Well needs ID tag replaced.							
Inspection Date:		7/20/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-088

WELL INFORMATION							
Well Number:	GW-060	Screen or Open Interval Length:	2.0	ft.			
Site:	B G	Constructed Depth:	53.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☐	☐
5. Do any obstructions occur within the well?					☐	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Casing is bent or obstructed at approx. 1' below top casing. This obstruction is below top of protective casing and grout..							
Well Wizard pump is stuck in casing and cannot be removed. Recommend P&A for this well.							
Inspection Date:		7/19/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-142

WELL INFORMATION						
Well Number: <u>GW-062</u>		Screen or Open Interval Length: <u>2.0</u> ft.				
Site: <u>OL</u>		Constructed Depth: <u>54.1</u> ft.				
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC				NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>54.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐
SECONDARY INSPECTION ITEMS						
WELL ACCESS:				NO	YES	N/A
1. Does the access road require grading or additional gravel?				☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____				☒	☒	☐
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☒	☒	☐
2. Is the well number legible?				☒	☒	☐
3. Is the well identification number correct?				☒	☒	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☒	☐	☒
2. Is the pad cracked or deteriorated?				☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?				☒	☐	☒
GUARD POSTS:						
1. Are the guardposts damaged?				☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?				☒	☒	☐
3. Are the guardposts of adequate height?				☒	☒	☐
4. Is the high-traffic yellow paint degraded?				☒	☒	☐
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)		☐ Secondary Item(s)		_____		
COMMENTS						
<u>Well Wizard installation; removed and replaced for measurement.</u> 						
Inspection Date: <u>8/4/94</u>				Inspected By: <u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-162

WELL INFORMATION							
Well Number:	GW-065	Screen or Open Interval Length:	5.0	ft.			
Site:	O L	Constructed Depth:	36.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒	☐	
2. Is the PVC well casing cracked or broken?					☐	☒	
3. Is a protective surface casing installed (PVC well only)?					☐	☒	
4. Is the protective casing corroded, bent, or broken?					☐	☒	
5. Is a weep located at the base of the protective casing?					☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒		☐	☐	
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	
2. Does the well have a waterproof steel / brass lock?					☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	
2. Measured depth of well from top of well casing:				36.9	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒		☐	☐	
5. Do any obstructions occur within the well?			☒		☐	☐	
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?			☒		☐	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒		☐	☐	
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	
2. Is the well number legible?					☒	☐	
3. Is the well identification number correct?					☒	☐	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	
2. Is the pad cracked or deteriorated?			☒		☐	☐	
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	
GUARD POSTS:							
1. Are the guardposts damaged?			☒		☐	☐	
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	
3. Are the guardposts of adequate height?					☒	☐	
4. Is the high-traffic yellow paint degraded?					☒	☐	
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Bailer in well; removed and replaced for measurement. Posts need painting.							
Inspection Date:		8/8/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-160

WELL INFORMATION						
Well Number: GW-066	Screen or Open Interval Length: 2.0 ft.					
Site: O L	Constructed Depth: 59.3 ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			No measl.		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			--		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☒	
5. Do any obstructions occur within the well?			☐	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
Bailer is stuck in casing and cannot be removed. No measurement made. Posts need painting.						
Inspection Date: 8/8/94			Inspected By: McMaster/Sitzler			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-161

WELL INFORMATION			
Well Number: <u>GW-067</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>OL</u>	Constructed Depth: <u>20.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the harps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>20.8</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guard posts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-042S</u>	
COMMENTS			
Inspection Date: <u>8/8/94</u>		Inspected By: <u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-326

WELL INFORMATION	
Well Number: <u>GW-068</u>	Screen or Open Interval Length: <u>10.2</u> ft.
Site: <u>B G</u>	Constructed Depth: <u>81.9</u> ft.

PRIMARY INSPECTION ITEMS:	
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☒ ☐
2. Is the PVC well casing cracked or broken?	☐ ☐ ☒
3. Is a protective surface casing installed (PVC well only)?	☒ ☐ ☒
4. Is the protective casing corroded, bent, or broken?	☐ ☒ ☒
5. Is a weep located at the base of the protective casing?	☒ ☐ ☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒ ☒ ☐
WELL SECURITY:	
1. Does the well have a cap or lid?	☒ ☒ ☐
2. Does the well have a waterproof steel/brass lock?	☒ ☒ ☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒ ☒ ☐
DOWNHOLE CONDITION:	
1. Is a measurement reference point marked on the top of the well casing?	☒ ☒ ☐
2. Measured depth of well from top of well casing:	<u>85.2</u> ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u> %
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒ ☒ ☐
5. Do any obstructions occur within the well?	☒ ☒ ☐

SECONDARY INSPECTION ITEMS	
WELL ACCESS:	NO YES N/A
1. Does the access road require grading or additional gravel?	☒ ☒ ☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒ ☒ ☐
WELL IDENTIFICATION:	
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒ ☒ ☐
2. Is the well number legible?	☒ ☒ ☐
3. Is the well identification number correct?	☒ ☒ ☐
CONCRETE PAD:	
1. Is a concrete pad installed (active wells only)?	☒ ☐ ☒
2. Is the pad cracked or deteriorated?	☐ ☒ ☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒ ☐ ☒
GUARD POSTS:	
1. Are the guard posts damaged?	☒ ☒ ☐
2. Are the guardposts positioned to prevent collision damage to well?	☒ ☒ ☐
3. Are the guardposts of adequate height?	☒ ☒ ☐
4. Is the high-traffic yellow paint degraded?	☒ ☒ ☐

WELL MAINTENANCE REQUEST	
Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)

COMMENTS	
<u>Well Wizard installation; removed and replaced for measurement.</u>	
Inspection Date: <u>10/28/94</u>	Inspected By: <u>McMaster</u>

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-282

WELL INFORMATION							
Well Number:	GW-070	Screen or Open Interval Length:	15.6	ft.			
Site:	B G	Constructed Depth:	142.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					142.1	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					< 5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well Wizard installation; removed and replaced for measurement.							
Inspection Date:		9/29/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-184

WELL INFORMATION

Well Number: GW-071

Screen or Open Interval Length: 20.6 ft.

Site: B G

Constructed Depth: 222.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☐	☒
5. Is a weep located at the base of the protective casing?				☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel / brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:					<u>221.7</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>< 5</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)

☐ Secondary Item(s)

COMMENTS

Well Wizard installation, removed and replaced for measurement. Posts need painting.

Inspection Date: 8/9/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-185

WELL INFORMATION			
Well Number: <u>GW-072</u>	Screen or Open Interval Length: <u>10.6</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>101.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>101.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well Wizard installation, removed and replaced for measurement. Posts need painting.			
Inspection Date: <u>8/9/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-330

WELL INFORMATION	
Well Number: <u>GW-073</u>	Screen or Open Interval Length: <u>10.0</u> ft.
Site: <u>O L</u>	Constructed Depth: <u>82.3</u> ft.

PRIMARY INSPECTION ITEMS:	
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☒ ☐
2. Is the PVC well casing cracked or broken?	☐ ☐ ☒
3. Is a protective surface casing installed (PVC well only)?	☐ ☐ ☒
4. Is the protective casing corroded, bent, or broken?	☐ ☐ ☒
5. Is a weep located at the base of the protective casing?	☐ ☐ ☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☒ ☐
WELL SECURITY:	
1. Does the well have a cap or lid?	☐ ☒ ☐
2. Does the well have a waterproof steel / brass lock?	☐ ☒ ☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐ ☒ ☐
DOWNHOLE CONDITION:	
1. Is a measurement reference point marked on the top of the well casing?	☐ ☒ ☐
2. Measured depth of well from top of well casing:	<u>81.7</u> ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>7</u> %
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒ ☒ ☐
5. Do any obstructions occur within the well?	☒ ☒ ☐

SECONDARY INSPECTION ITEMS	
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	NO YES N/A ☒ ☒ ☐ ☒ ☒ ☐
WELL IDENTIFICATION:	
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐ ☒ ☐
2. Is the well number legible?	☐ ☒ ☐
3. Is the well identification number correct?	☐ ☒ ☐
CONCRETE PAD:	
1. Is a concrete pad installed (active wells only)?	☐ ☐ ☒
2. Is the pad cracked or deteriorated?	☐ ☒ ☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐ ☐ ☒
GUARD POSTS:	
1. Are the guardposts damaged?	☐ ☒ ☒
2. Are the guardposts positioned to prevent collision damage to well?	☐ ☐ ☒
3. Are the guardposts of adequate height?	☐ ☐ ☒
4. Is the high-traffic yellow paint degraded?	☐ ☒ ☒

WELL MAINTENANCE REQUEST	
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 _____

COMMENTS	
Well Wizard installation; removed and replaced for measurement.	
Inspection Date: <u>10/28/94</u>	Inspected By: <u>McMaster</u>

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-292

WELL INFORMATION							
Well Number:	GW-074	Screen or Open Interval Length:	20.6	ft.			
Site:	O L	Constructed Depth:	209.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					209.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-055P			
COMMENTS							
Well is located on edge of cap. No posts (except old ones covered by fill). 2" stainless casing has had extension welded to original and water is leaking from weld. Needs to be rewelded.							
Inspection Date:		10/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-289

WELL INFORMATION							
Well Number:	<u>GW-075</u>	Screen or Open Interval Length:	<u>20.0</u>	ft.			
Site:	<u>OL</u>	Constructed Depth:	<u>201.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>203.2</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Another guardpost needs installed and existing post painted. Well Wizard installation; removed and replaced for measurement.</u>							
Inspection Date:		<u>10/7/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-286

WELL INFORMATION							
Well Number:	GW-076	Screen or Open Interval Length:	10.6	ft.			
Site:	O L	Constructed Depth:	83.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒		
2. Is the PVC well casing cracked or broken?							☒
3. Is a protective surface casing installed (PVC well only)?							☒
4. Is the protective casing corroded, bent, or broken?							☒
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?			☒				
WELL SECURITY:							
1. Does the well have a cap or lid?					☒		
2. Does the well have a waterproof steel / brass lock?					☒		
3. Are the hasps firmly welded to well cap and / or metal casing?					☒		
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒		
2. Measured depth of well from top of well casing:				83.8			ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--			%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒				
5. Do any obstructions occur within the well?			☒				
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒		
2. Is the well number legible?					☒		
3. Is the well identification number correct?					☒		
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?							☒
2. Is the pad cracked or deteriorated?							☒
3. Is the pad sloped to prevent water from ponding around the casing?							☒
GUARD POSTS:							
1. Are the guardposts damaged?			☒				
2. Are the guardposts positioned to prevent collision damage to well?					☒		
3. Are the guardposts of adequate height?					☒		
4. Is the high-traffic yellow paint degraded?					☒		
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							

Inspection Date:		10/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-072

WELL INFORMATION						
Well Number: <u>GW-077</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>BG</u>	Constructed Depth: <u>104.3</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒ *	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>104.6</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☐	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<u>Access needs some gravel; posts need painting. *Well Wizard installation; removed and replaced for measurement.</u>						
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>7/19/94</u> Inspected By: <u>B. McMaster</u> </div>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-073

WELL INFORMATION			
Well Number:	GW-078	Screen or Open Interval Length:	5.0 ft.
Site:	BG	Constructed Depth:	24.1 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		24.0	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well access could use some gravel; posts need painting. *Well Wizard installation, removed and replaced.			
Inspection Date: 7/19/94		Inspected By: B. McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-398

WELL INFORMATION	Well Number: <u>GW-081</u>	Screen or Open Interval Length: <u>5.0</u> ft.
	Site: <u>B G</u>	Constructed Depth: <u>20.9</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☐	☒
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☐	☒
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>20.8</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Well Wizard installation; pumphead broken, needs replacement.

Inspection Date: 11/7/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-468

WELL INFORMATION			
Well Number:	GW-082	Screen or Open Interval Length:	5.0 ft.
Site:	B G	Constructed Depth:	37.4 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
		YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		37.1	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		6	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request no. for maintenance performed on this well in 1994	
☐ Primary Item(s) ☐ Secondary Item(s)		_____	
COMMENTS			
Well Wizard installation; removed and replaced for measurement.			
Inspection Date: 11/30/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-369

WELL INFORMATION

Well Number: GW-083

Screen or Open Interval Length: 5.0 ft.

Site: B G

Constructed Depth: 33.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☒

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

33.1

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☐☐

2. Is the pad cracked or deteriorated?

☐☒☒

3. Is the pad sloped to prevent water from ponding around the casing?

☒☐☒

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☐☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Posts need paint.

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-165

WELL INFORMATION			
Well Number: <u>GW-086</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>O L</u>	Constructed Depth: <u>32.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>33.2</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request no. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>8/8/94</u> Inspected By: <u>McMaster/Sitzler</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-520

WELL INFORMATION			
Well Number: <u>GW-087</u>	Screen or Open Interval Length: <u>10.0</u>	ft.	
Site: <u>OL</u>	Constructed Depth: <u>22.5</u>	ft.	
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☐	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>21.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>8</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Access to this well is by walking. Cannot drive without permission from WTSD on cap to wellsite. Posts need painting and hasp rewelding. Well Wizard installation, removed and replaced for measurement.</u>			
Inspection Date: <u>12/20/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-467

WELL INFORMATION							
Well Number:	GW-089	Screen or Open Interval Length:	2.0	ft.			
Site:	B G	Constructed Depth:	26.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					26.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					15	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-037S			
COMMENTS							
Inspection Date:		11/30/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-400

WELL INFORMATION						
Well Number: <u>GW-090</u>	Screen or Open Interval Length: <u>2.0</u> ft.					
Site: <u>B G</u>	Constructed Depth: <u>17.9</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>18.6</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☐	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<p align="center">Posts need paint.</p>						
Inspection Date: <u>11/7/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-399

WELL INFORMATION							
Well Number:	GW-091	Screen or Open Interval Length:	2.0	ft.			
Site:	B G	Constructed Depth:	27.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒		
2. Is the PVC well casing cracked or broken?							☒
3. Is a protective surface casing installed (PVC well only)?							☒
4. Is the protective casing corroded, bent, or broken?							☒
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?			☒				
WELL SECURITY:							
1. Does the well have a cap or lid?					☒		
2. Does the well have a waterproof steel / brass lock?					☒		
3. Are the hasps firmly welded to well cap and / or metal casing?					☒		
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒		
2. Measured depth of well from top of well casing:				19.3			ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				> 100			%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒		
5. Do any obstructions occur within the well?			☒				
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒		
2. Is the well number legible?					☒		
3. Is the well identification number correct?					☒		
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?							☒
2. Is the pad cracked or deteriorated?							☒
3. Is the pad sloped to prevent water from ponding around the casing?							☒
GUARD POSTS:							
1. Are the guardposts damaged?			☒				
2. Are the guardposts positioned to prevent collision damage to well?					☒		
3. Are the guardposts of adequate height?					☒		
4. Is the high-traffic yellow paint degraded?					☒		
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Soft tag for measurement, needs redevelopment before monitoring. Posts need paint.							
Inspection Date:		11/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-086

WELL INFORMATION							
Well Number:	GW-094	Screen or Open Interval Length:	21.0	ft.			
Site:	B G	Constructed Depth:	118.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					118.9	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
*Well Wizard installation; removed and replaced for measurement.							

Inspection Date: <u>7/19/94</u> Inspected By: <u>B. McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-469

WELL INFORMATION							
Well Number:	GW-096	Screen or Open Interval Length:	15.4	ft.			
Site:	B G	Constructed Depth:	62.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒	☐	
2. Is the PVC well casing cracked or broken?					☒	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☒	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?			☒		☒	☐	
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	
2. Does the well have a waterproof steel / brass lock?					☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	
2. Measured depth of well from top of well casing:				55.8			ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				40			%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	
5. Do any obstructions occur within the well?			☒		☒	☐	
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	
2. Is the well number legible?					☒	☐	
3. Is the well identification number correct?					☒	☐	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	
2. Is the pad cracked or deteriorated?					☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	
GUARD POSTS:							
1. Are the guardposts damaged?			☒		☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	
3. Are the guardposts of adequate height?					☒	☐	
4. Is the high-traffic yellow paint degraded?			☒		☒	☐	
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well could possibly be obstructed; measurement is solid not soft.							

Inspection Date:		11/30/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-177

WELL INFORMATION						
Well Number: <u>GW-096A</u>	Screen or Open Interval Length: <u>5.0</u> ft.					
Site: <u>B G</u>	Constructed Depth: <u>63.5</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:				<u>53.4</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				See comments	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☐	
5. Do any obstructions occur within the well?			☐	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<u>This well likely has an obstruction; annular grout is deteriorated. Recommend P&A.</u>						
Inspection Date: <u>8/9/94</u> Inspected By: <u>McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-328

WELL INFORMATION			
Well Number:	GW-097	Screen or Open Interval Length:	5.0 ft.
Site:	O L	Constructed Depth:	20.0 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well Wizard installation; could not be removed for measurement.			

Inspection Date: 10/28/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-327

WELL INFORMATION							
Well Number:	GW-097A	Screen or Open Interval Length:	5.0	ft.			
Site:	O L	Constructed Depth:	22.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					24.2	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Inspection Date:		10/28/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-329

WELL INFORMATION			
Well Number: <u>GW-098</u>	Screen or Open Interval Length: <u>21.0</u> ft.		
Site: <u>O L</u>	Constructed Depth: <u>106.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>104.7</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>10</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well Wizard installation, removed and replaced for measurement.			

Inspection Date: <u>10/28/94</u>	Inspected By: <u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-472

WELL INFORMATION							
Well Number:	<u>GW-100</u>	Screen or Open Interval Length:	<u>4.0</u>	ft.			
Site:	<u>S3</u>	Constructed Depth:	<u>16.4</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>17.6</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					NO	YES	N/A
					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Well Wizard installation; removed and replaced for measurement. Posts need painting.</u>							
Inspection Date:		<u>12/6/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-570

WELL INFORMATION							
Well Number:	GW-101	Screen or Open Interval Length:	4.0	ft.			
Site:	S3	Constructed Depth:	17.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					18.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒			☒	☐	☐
5. Do any obstructions occur within the well?		☒			☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒			☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		☒			☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☒	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?		☒			☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?		☒			☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Protective casing is loose. Well Wizard installation.							
Inspection Date:		11/21/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-572

WELL INFORMATION							
Well Number:	<u>GW-105</u>	Screen or Open Interval Length:	<u>4.0</u>	ft.			
Site:	<u>S3</u>	Constructed Depth:	<u>19.4</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				No msmt.	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐			
2. Is the well number legible?		☒	☒	☐			
3. Is the well identification number correct?		☒	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☒	☐			
2. Is the pad cracked or deteriorated?		☐	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐			
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐			
3. Are the guardposts of adequate height?		☒	☒	☐			
4. Is the high-traffic yellow paint degraded?		☐	☒	☐			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)			_____			
COMMENTS							
Well Wizard cannot be removed due to obstruction in well.							
Inspection Date:		<u>11/21/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-571

WELL INFORMATION			
Well Number:	GW-106	Screen or Open Interval Length:	9.0 ft.
Site:	S3	Constructed Depth:	72.6 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:		☐ Steel ☐ Stainless Steel ☒ PVC	NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☐
4. Is the protective casing corroded, bent, or broken?		☒	☐
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		74.0	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well Wizard installation; removed and replaced for measurement. Pump head needs securing pin replaced. Concrete pad needs replacement.			
Inspection Date: 11/21/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-544

WELL INFORMATION	
Well Number: <u>GW-107</u>	Screen or Open Interval Length: <u>4.0</u> ft.
Site: <u>S3</u>	Constructed Depth: <u>15.0</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☐	☒	☒
2. Is the PVC well casing cracked or broken?				☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?				☐	☒	☐
4. Is the protective casing corroded, bent, or broken?				☒	☐	☐
5. Is a weep located at the base of the protective casing?				☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel / brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:				<u>16.1</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s)

COMMENTS

Well Wizard installation, removed and replaced for measurement. Posts need painting.

Inspection Date: 12/22/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-543

WELL INFORMATION							
Well Number:	GW-108	Screen or Open Interval Length:	9.0	ft.			
Site:	S3	Constructed Depth:	58.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?		☒			☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					59.2	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒			☒	☐	☐
5. Do any obstructions occur within the well?		☒			☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒			☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒			☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☒	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?		☒			☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Posts need painting. Well Wizard installation, removed and replaced for measurement.							
Inspection Date:		12/22/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-542

WELL INFORMATION

Well Number: GW-109

Screen or Open Interval Length: 19.0 ft.

Site: S3

Constructed Depth: 124.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☐

Stainless Steel

☒

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☐☒☒

2. Is the PVC well casing cracked or broken?

☒☐☐

3. Is a protective surface casing installed (PVC well only)?

☒☒☐

4. Is the protective casing corroded, bent, or broken?

☒☐☐

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☐☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

125.3

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

NO

YES

N/A

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☐☒

2. Is the pad cracked or deteriorated?

☐☒☒

3. Is the pad sloped to prevent water from ponding around the casing?

☒☐☒

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Posts need painting. Well Wizard installation, removed and replaced for measurement.

Inspection Date: 12/22/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-303

WELL INFORMATION			
Well Number: <u>GW-112</u>	Screen or Open Interval Length: <u>20.0</u> ft.		
Site: <u>GC</u>	Constructed Depth: <u>248.1</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>249.4</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
See comments			
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Well is located off road, not accessible by driving. Area has been logged in vicinity of well. Well ID is on cap. Well has bailer installed.</u>			
Inspection Date: <u>10/20/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-302

WELL INFORMATION							
Well Number:	GW-113	Screen or Open Interval Length:	20.4	ft.			
Site:	G C	Constructed Depth:	160.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					162.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>See comments</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
<u>Well is located off road, not accessible by driving. Area has been logged in vicinity of well. Well has bailer installed.</u>							
Inspection Date:		<u>10/20/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-085

WELL INFORMATION							
Well Number:	GW-117	Screen or Open Interval Length:	50.0	ft.			
Site:	B G	Constructed Depth:	533.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	X*	☐
2. Does the well have a waterproof steel/brass lock?					☒	X	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	X	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	X	☐
2. Measured depth of well from top of well casing:		No Msmt. ft.					
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %					
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐			
2. Is the well number legible?		☒	☒	☐			
3. Is the well identification number correct?		☒	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☒	☐			
2. Is the pad cracked or deteriorated?		☒	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐			
GUARD POSTS:							
1. Are the guard posts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐			
3. Are the guardposts of adequate height?		☒	☒	☐			
4. Is the high-traffic yellow paint degraded?		☒	☒	☐			
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☒ Primary Item(s)		☐ Secondary Item(s)		94-039P			
COMMENTS							
Well has packer installed to stop artesian flow.							
Inspection Date:		7/19/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-396

WELL INFORMATION							
Well Number:	<u>GW-118</u>	Screen or Open Interval Length:	<u>50.0</u>	ft.			
Site:	<u>B G</u>	Constructed Depth:	<u>578.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>578.2</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<p align="center"><u>A packer may need to be installed; this well flows periodically.</u></p> <p>_____</p> <p>_____</p>							
Inspection Date:		<u>11/7/94</u>		Inspected By:		<u>McMaster</u>	

WELL INFORMATION																																	
Well Number:	GW-119	Screen or Open Interval Length:	50.0 ft.																														
Site:	B G	Constructed Depth:	513.8 ft.																														
PRIMARY INSPECTION ITEMS:																																	
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>WELL CASINGS:</p> <div style="display: flex; justify-content: space-around; margin-bottom: 10px;"> ☒ Steel ☐ Stainless Steel ☐ PVC </div> <ol style="list-style-type: none"> 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose? </div> <div style="width: 35%;"> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NO</th> <th style="width: 15%;">YES</th> <th style="width: 15%;">N/A</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td><td style="text-align: center;">☐</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td></tr> <tr><td style="text-align: center;">☐</td><td style="text-align: center;">☐</td><td style="text-align: center;">☒</td></tr> <tr><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td><td style="text-align: center;">☐</td></tr> </tbody> </table> </div> </div>				NO	YES	N/A	☒	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☒	☐	☐									
NO	YES	N/A																															
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<p>WELL SECURITY:</p> <ol style="list-style-type: none"> 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel / brass lock? 3. Are the hasps firmly welded to well cap and / or metal casing? 																																	
<p>DOWNHOLE CONDITION:</p> <ol style="list-style-type: none"> 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well? 																																	
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 15%;">NO</th> <th style="width: 15%;">YES</th> <th style="width: 10%;">ft.</th> <th style="width: 10%;">%</th> </tr> </thead> <tbody> <tr> <td>1. Is a measurement reference point marked on the top of the well casing?</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☒</td> <td></td> <td></td> </tr> <tr> <td>2. Measured depth of well from top of well casing:</td> <td></td> <td></td> <td style="text-align: center;">513.2</td> <td></td> </tr> <tr> <td>3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length</td> <td></td> <td></td> <td style="text-align: center;">< 5</td> <td style="text-align: center;">%</td> </tr> <tr> <td>4. Is this value > 0.2 (represents % of screen or open - hole interval)?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> <td></td> <td></td> </tr> <tr> <td>5. Do any obstructions occur within the well?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> <td></td> <td></td> </tr> </tbody> </table>					NO	YES	ft.	%	1. Is a measurement reference point marked on the top of the well casing?	☐	☒			2. Measured depth of well from top of well casing:			513.2		3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			< 5	%	4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐			5. Do any obstructions occur within the well?	☒	☐		
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SECONDARY INSPECTION ITEMS																																	
<p>WELL ACCESS:</p> <ol style="list-style-type: none"> 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____ 																																	
<p>WELL IDENTIFICATION:</p> <ol style="list-style-type: none"> 1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct? 																																	
<p>CONCRETE PAD:</p> <ol style="list-style-type: none"> 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing? 																																	
<p>GUARD POSTS:</p> <ol style="list-style-type: none"> 1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded? 																																	
WELL MAINTENANCE REQUEST																																	
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994																															
☐ Primary Item(s)		☐ Secondary Item(s)																															
COMMENTS																																	
Posts need painting.																																	
Inspection Date:		Inspected By:																															
8/9/94		McMaster																															

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-195

WELL INFORMATION

Well Number: GW-120

Screen or Open Interval Length: 50.0 ft.

Site: O L

Constructed Depth: 183.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☒

Steel

☐

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

184.3

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

NO

YES

N/A

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☒☐

2. Is the pad cracked or deteriorated?

☒☒☐

3. Is the pad sloped to prevent water from ponding around the casing?

☒☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Inspection Date: 8/15/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-290

WELL INFORMATION							
Well Number:	GW-121	Screen or Open Interval Length:	50.0	ft.			
Site:	O L	Constructed Depth:	603.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					608.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Needs guardpost installed, posts painted.							
Inspection Date:		10/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-537

WELL INFORMATION							
Well Number:	GW-122	Screen or Open Interval Length:	50.0	ft.			
Site:	S3	Constructed Depth:	145.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					145.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Inspection Date: 12/22/94 Inspected By: McMaster							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-538

WELL INFORMATION																			
Well Number: <u>GW-123</u>	Screen or Open Interval Length: <u>50.0</u> ft.																		
Site: <u>S3</u>	Constructed Depth: <u>575.0</u> ft.																		
PRIMARY INSPECTION ITEMS:																			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC																			
1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☒</td></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☒</td></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☒</td></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☒</td></tr> </table>	NO	YES	N/A	☒	☒	☐	☐	☒	☒	☒	☐	☒	☐	☒	☒	☒	☐	☒
NO	YES	N/A																	
☒	☒	☐																	
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☐	☒	☒																	
☒	☐	☒																	
WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel / brass lock? 3. Are the hasps firmly welded to well cap and / or metal casing?																			
DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well?																			
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NO	YES	N/A																	
☒	☒	☐																	
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☐	☒	☐																	
☒	☐	☒																	
SECONDARY INSPECTION ITEMS																			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____																			
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NO	YES	N/A																	
☒	☒	☐																	
☒	☒	☐																	
WELL IDENTIFICATION: 1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?																			
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NO	YES	N/A																	
☒	☒	☐																	
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CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?																			
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NO	YES	N/A																	
☒	☒	☐																	
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GUARD POSTS: 1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?																			
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NO	YES	N/A																	
☒	☒	☐																	
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☒	☒	☐																	
WELL MAINTENANCE REQUEST																			
Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994 ☐ Primary Item(s) ☐ Secondary Item(s) _____																			
COMMENTS																			
<div style="border: 1px solid black; width: 100%;"></div>																			
Inspection Date: <u>12/22/94</u>	Inspected By: <u>McMaster</u>																		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-540

WELL INFORMATION			
Well Number: <u>GW-124</u>	Screen or Open Interval Length: <u>50.0</u> ft.		
Site: <u>S3</u>	Constructed Depth: <u>153.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>153.1</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-044S</u>	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>12/22/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-539

WELL INFORMATION				
Well Number:	GW-125	Screen or Open Interval Length:	50.0 ft.	
Site:	S 3	Constructed Depth:	554.0 ft.	
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		554.2		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel? .		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐
GUARD POSTS:				
1. Are the guardposts damaged?		☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐
3. Are the guardposts of adequate height?		☒	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☒	☐
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	94-044S		
COMMENTS				
<div></div>				
Inspection Date: <u>12/22/94</u>		Inspected By: <u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-080

WELL INFORMATION						
Well Number: <u>GW-126</u>	Screen or Open Interval Length: <u>50.0</u> ft.					
Site: <u>B G</u>	Constructed Depth: <u>158.0</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS:			☒ Steel	☐ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>159.3</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☒	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
Paint posts.						
Inspection Date: <u>7/19/94</u>			Inspected By: <u>B. McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-476

WELL INFORMATION			
Well Number: <u>GW-127</u>	Screen or Open Interval Length: <u>4.0</u> ft.		
Site: <u>S3</u>	Constructed Depth: <u>25.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	26.1		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	--		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="text-align: center; margin-bottom: 10px;">Posts need paint.</div> <div style="border-top: 1px solid black; height: 10px; width: 100%;"></div>			
Inspection Date: <u>12/6/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-660

WELL INFORMATION

Well Number: GW-131

Screen or Open Interval Length: -- ft.

Site: Westbay Sites

Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☐

Stainless Steel

☒

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☐☒☒

2. Is the PVC well casing cracked or broken?

☒☐☐

3. Is a protective surface casing installed (PVC well only)?

☒☒☐

4. Is the protective casing corroded, bent, or broken?

☒☐☐

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☐☐

WELL SECURITY:

1. Does the well have a cap or lid?

☐☒☐

2. Does the well have a waterproof steel / brass lock?

☐☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☐☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☐☒☐

2. Measured depth of well from top of well casing:

No measurement ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

-- %

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☐☒☒

5. Do any obstructions occur within the well?

☐☒☒

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

NO

YES

N/A

☒☐☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain: Security gate at water plant with key for access.

☐☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☐☒☐

2. Is the well number legible?

☐☒☐

3. Is the well identification number correct?

☐☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☐☒☐

2. Is the pad cracked or deteriorated?

☒☐☐

3. Is the pad sloped to prevent water from ponding around the casing?

☐☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☐☐

2. Are the guardposts positioned to prevent collision damage to well?

☐☒☐

3. Are the guardposts of adequate height?

☐☒☐

4. Is the high-traffic yellow paint degraded?

☒☐☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Wellhead inspection only; no measurement.

Inspection Date: 12/6/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-661

WELL INFORMATION			
Well Number: <u>GW-132</u>	Screen or Open Interval Length: <u>--</u> ft.		
Site: <u>Westbay Sites</u>	Constructed Depth: <u>--</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☒	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Wellhead inspection only; no measurement.			

Inspection Date: <u>12/6/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-662

WELL INFORMATION							
Well Number:	GW-133	Screen or Open Interval Length:	--	ft.			
Site:	Westbay Sites	Constructed Depth:	--	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					No measurement		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Wellhead inspection only; no measurement.							
Inspection Date:		12/6/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-483

WELL INFORMATION																													
Well Number: <u>GW-134</u>	Screen or Open Interval Length: <u>--</u> ft.																												
Site: <u>Westbay Site</u>	Constructed Depth: <u>--</u> ft.																												
PRIMARY INSPECTION ITEMS:																													
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;"></th> <th style="width: 33%; text-align: center;">NO</th> <th style="width: 33%; text-align: center;">YES</th> <th style="width: 33%; text-align: center;">N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> </tr> <tr> <td>3. Is a protective surface casing installed (PVC well only)?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> </tr> <tr> <td>4. Is the protective casing corroded, bent, or broken?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☒</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> </tr> </tbody> </table>		NO	YES	N/A	1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒	2. Is the PVC well casing cracked or broken?	☒	☒	☐	3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐	4. Is the protective casing corroded, bent, or broken?	☒	☒	☐	5. Is a weep located at the base of the protective casing?	☒	☐	☒	6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
	NO	YES	N/A																										
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3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐																										
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SECONDARY INSPECTION ITEMS																													
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	NO	YES	N/A																										
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2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐																										
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☒	☒	☐																											
CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td style="text-align: center;">☒</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> <tr><td style="text-align: center;">☒</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> <tr><td style="text-align: center;">☒</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> </tbody> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐																			
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GUARD POSTS: 1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td style="text-align: center;">☒</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> <tr><td style="text-align: center;">☒</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> <tr><td style="text-align: center;">☒</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> <tr><td style="text-align: center;">☒</td><td style="text-align: center;">☒</td><td style="text-align: center;">☐</td></tr> </tbody> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐																
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WELL MAINTENANCE REQUEST																													
Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994																													
☐ Primary Item(s) ☐ Secondary Item(s)	_____																												
COMMENTS																													
Well head inspection, no measurement made.																													
Inspection Date: <u>12/6/94</u>	Inspected By: <u>McMaster</u>																												

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-484

WELL INFORMATION							
Well Number:	<u>GW-135</u>	Screen or Open Interval Length:	<u>--</u>	ft.			
Site:	<u>Westbay</u>	Constructed Depth:	<u>--</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					No msmt.		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-021S</u>			
COMMENTS							
<u>Wellhead inspection, no measurement made.</u>							
Inspection Date:		<u>12/6/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-599

WELL INFORMATION							
Well Number:	GW-136	Screen or Open Interval Length:	20.1	ft.			
Site:	GBR	Constructed Depth:	443.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☒
2. Measured depth of well from top of well casing:					No measmt. ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guard posts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.					Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
1" PVC construction with air lift tubing. No measurement possible							
Inspection Date: <u>6/15/94</u>				Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-428

WELL INFORMATION							
Well Number:	GW-150	Screen or Open Interval Length:	5.0	ft.			
Site:	NHP	Constructed Depth:	13.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					15.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-053S</u>			
COMMENTS							
Inspection Date: <u>11/14/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-280

WELL INFORMATION			
Well Number:	GW-152	Screen or Open Interval Length:	5.0 ft.
Site:	NHP	Constructed Depth:	19.6 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☐
4. Is the protective casing corroded, bent, or broken?		☒	☐
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		20.8	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	94-044S, 94-054S	
COMMENTS			
Pad needs replacement.			
Inspection Date: 9/27/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-197

WELL INFORMATION			
Well Number: <u>GW-163</u>	Screen or Open Interval Length: <u>17.0</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>227.1</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?	NO YES N/A ☒ ☒ ☐ ☐ ☒ ☒ ☒ ☐ ☒ ☐ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☐		
WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel / brass lock? 3. Are the hasps firmly welded to well cap and / or metal casing?	☒ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐		
DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well?	☒ ☒ ☐ See comments ft. -- % ☐ ☒ ☒ ☒ ☒ ☐		
SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	NO YES N/A ☒ ☒ ☐ ☒ ☒ ☐		
WELL IDENTIFICATION: 1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	☒ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐		
CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?	☒ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐		
GUARD POSTS: 1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?	☒ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐		
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well has mechanical packer installed; no measurement made.			
Inspection Date: <u>8/15/94</u> Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-198

WELL INFORMATION			
Well Number:	GW-164	Screen or Open Interval Length:	35.0 ft.
Site:	B G	Constructed Depth:	407.6 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			
		NO	YES
		N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		See comments ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☒	☒
4. Is the high-traffic yellow paint degraded?		☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well has mechanical packer installed; no measurement made.			
Inspection Date: 8/15/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-096

WELL INFORMATION	
Well Number: <u>GW-165</u>	Screen or Open Interval Length: <u>49.0</u> ft.
Site: <u>CRDT-10</u>	Constructed Depth: <u>326.0</u> ft.

PRIMARY INSPECTION ITEMS:						
WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC			
				NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>309.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>32</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☐	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS						
WELL ACCESS:						
				NO	YES	N/A
1. Does the access road require grading or additional gravel?				☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____				☒	☒	☐
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☒	☒	☐
2. Is the well number legible?				☒	☒	☐
3. Is the well identification number correct?				☒	☒	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☒	☒	☐
2. Is the pad cracked or deteriorated?				☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?				☒	☒	☐
GUARD POSTS:						
1. Are the guardposts damaged?				☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?				☒	☒	☐
3. Are the guardposts of adequate height?				☒	☒	☐
4. Is the high-traffic yellow paint degraded?				☒	☒	☐

WELL MAINTENANCE REQUEST	
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 _____

COMMENTS	
<p align="center">This well will need redevelopment before being monitored.</p>	
Inspection Date: <u>7/20/94</u>	Inspected By: <u>McMaster</u>

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-097

WELL INFORMATION							
Well Number:	GW-166	Screen or Open Interval Length:	5.0	ft.			
Site:	CRDT-10	Constructed Depth:	386.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					381.1	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					100	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
This well will need redevelopment before being monitored.							

Inspection Date:		7/20/94		Inspected By: _____			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-247

WELL INFORMATION

Well Number: GW-167

Screen or Open Interval Length: 5.1 ft.

Site: USGS

Constructed Depth: 31.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☐

Stainless Steel

☒

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☐☒☒

2. Is the PVC well casing cracked or broken?

☒☐☐

3. Is a protective surface casing installed (PVC well only)?

☒☐☐

4. Is the protective casing corroded, bent, or broken?

☐☐☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☐☐

WELL SECURITY:

1. Does the well have a cap or lid?

☐☒☐

2. Does the well have a waterproof steel / brass lock?

☐☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☐☐☒

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☐☒☐

2. Measured depth of well from top of well casing:

33.1 ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

-- %

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☐☐

5. Do any obstructions occur within the well?

☒☐☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

NO

YES

N/A

☒☐☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☐☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☐☒☐

2. Is the well number legible?

☐☒☐

3. Is the well identification number correct?

☐☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☐☒☐

2. Is the pad cracked or deteriorated?

☒☐☐

3. Is the pad sloped to prevent water from ponding around the casing?

☐☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☐☐

2. Are the guardposts positioned to prevent collision damage to well?

☐☒☐

3. Are the guardposts of adequate height?

☐☒☐

4. Is the high-traffic yellow paint degraded?

☒☐☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

94-036S

COMMENTS

Replaced water-tight cap.

Inspection Date: 9/22/94

Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-246

WELL INFORMATION			
Well Number: <u>GW-168</u>	Screen or Open Interval Length: <u>31.4</u> ft.		
Site: <u>USGS</u>	Constructed Depth: <u>138.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>138.4</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-036S</u>	
COMMENTS			
Replaced ID tag.			
Inspection Date: <u>9/22/94</u>		Inspected By: <u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-353

WELL INFORMATION							
Well Number:	<u>GW-173</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>CRSP</u>	Constructed Depth:	<u>167.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>167.6</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)			<u>94-037S</u>			
COMMENTS							
Inspection Date: <u>11/1/94</u> Inspected By: <u>McMaster/Jones</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-354

WELL INFORMATION						
Well Number:	GW-174		Screen or Open Interval Length:	10.0	ft.	
Site:	CRSP		Constructed Depth:	147.4	ft.	
PRIMARY INSPECTION ITEMS:						
WELL CASINGS:			☐ Steel	☒ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:				151.8	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length				--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guard posts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete only if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☒ Secondary Item(s)			94-061S
COMMENTS						
Posts need paint.						
Inspection Date: 11/1/94						
Inspected By: McMaster/Jones						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-359

WELL INFORMATION			
Well Number: <u>GW-176</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>CRSP</u>	Constructed Depth: <u>148.2</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>147.2</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>10</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☒ Secondary Item(s)	<u>94-061S</u>	
COMMENTS			
<u>Posts need paint.</u>			
Inspection Date: <u>11/1/94</u>		Inspected By: <u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-358

WELL INFORMATION							
Well Number: GW-178		Screen or Open Interval Length: 10.0		ft.			
Site: CRSP		Constructed Depth: 134.0		ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel/brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					134.4	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-061S			
COMMENTS							
Dye used for tracer test in 1992 was injected into this well. Residual dye was detected during well depth tag.							
Inspection Date: 11/1/94							
Inspected By: McMaster/Jones							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-356

WELL INFORMATION			
Well Number: <u>GW-179</u>	Screen or Open Interval Length: <u>10.0</u>	ft.	
Site: <u>CRSP</u>	Constructed Depth: <u>120.7</u>	ft.	
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☒	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		122.5	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guard posts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well located on edge of cap, no pad or posts.			
Inspection Date: <u>11/1/94</u>		Inspected By: <u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-355

WELL INFORMATION			
Well Number: <u>GW-180</u>	Screen or Open Interval Length: <u>10.8</u> ft.		
Site: <u>CRSP</u>	Constructed Depth: <u>145.6</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>146.1</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Weeds need clearing around well.</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
Inspection Date: <u>11/1/94</u>		Inspected By: <u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-426

WELL INFORMATION							
Well Number:	GW-185	Screen or Open Interval Length:	66.6	ft.			
Site:	RQ	Constructed Depth:	473.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐			
2. Is the PVC well casing cracked or broken?		☐	☒	☐			☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☐			☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☐			☒
5. Is a weep located at the base of the protective casing?		☒	☐	☐			☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐			
WELL SECURITY:							
1. Does the well have a cap or lid?		☒	☒	☐			
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐			
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐			
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐			
2. Measured depth of well from top of well casing:					Approx. 472.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐			
5. Do any obstructions occur within the well?		☒	☒	☐			
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐			
2. Is the well number legible?		☒	☒	☐			
3. Is the well identification number correct?		☒	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☒	☐			
2. Is the pad cracked or deteriorated?		☒	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐	☒			
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐			
3. Are the guardposts of adequate height?		☒	☒	☐			
4. Is the high-traffic yellow paint degraded?		☒	☒	☐			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Replaced ID tag. New pad needs to be installed. This is only a fair measurement; not a solid tag on bottom.							

Inspection Date:		11/14/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-424

WELL INFORMATION							
Well Number:	GW-189	Screen or Open Interval Length:	20.0	ft.			
Site:	RQ	Constructed Depth:	213.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					206.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					34	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
This well needs redevelopment before monitoring again. Replaced lock.							
Inspection Date: <u>11/14/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-567

WELL INFORMATION			
Well Number:	GW-190	Screen or Open Interval Length:	16.1 ft.
Site:	Y-12	Constructed Depth:	29.4 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		29.5	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ Posts need painting. _____			

Inspection Date: 11/18/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-489

WELL INFORMATION

Well Number: GW-193

Screen or Open Interval Length: 10.2 ft.

Site: Y-12

Constructed Depth: 21.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:					20.8	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					< 5	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)☐ Secondary Item(s)

COMMENTS

Inspection Date: 12/15/94

Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-459

WELL INFORMATION			
Well Number: <u>GW-196</u> Site: <u>B-4</u>	Screen or Open Interval Length: <u>5.0</u> ft. Constructed Depth: <u>29.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>28.9</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>18</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ Pad needs replacement. _____ _____			
Inspection Date: <u>11/17/94</u>		Inspected By: <u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-554

WELL INFORMATION						
Well Number: <u>GW-197</u>	Screen or Open Interval Length: <u>5.0</u> ft.					
Site: <u>B-4</u>	Constructed Depth: <u>19.9</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☐	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☐	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:				<u>20.5</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☐	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Well behind locked gate.</u>			☐	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☐	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☐	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☐	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☐	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<u>Well needs ID tag, guardposts installed.</u>						
Inspection Date: <u>12/20/94</u>			Inspected By: <u>S.B. Jones</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-382

WELL INFORMATION			
Well Number: <u>GW-198</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>RDS</u>	Constructed Depth: <u>29.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>29.5</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ Pad needs replacement, protective posts added. _____			

Inspection Date: <u>11/2/94</u>		Inspected By: <u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-384

WELL INFORMATION							
Well Number:	GW-200	Screen or Open Interval Length:	10.0	ft.			
Site:	RDS	Constructed Depth:	60.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?		☒			☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					59.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					< 5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒			☒	☐	☐
5. Do any obstructions occur within the well?		☒			☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒			☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒			☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?		☐			☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☐			☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?		☐			☒	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?		☐			☐	☐	☒
3. Are the guardposts of adequate height?		☐			☐	☐	☒
4. Is the high-traffic yellow paint degraded?		☐			☒	☐	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ Pad needs replacement; protective posts installed. _____ _____ _____							
Inspection Date:		11/2/94		Inspected By:		McMaster/Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-385

WELL INFORMATION							
Well Number:	<u>GW-201</u>	Screen or Open Interval Length:	<u>5.0</u>	ft.			
Site:	<u>RDS</u>	Constructed Depth:	<u>24.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?		☒			☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>24.6</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒			☒	☐	☐
5. Do any obstructions occur within the well?		☒			☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒			☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒			☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☒	☐	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Pad needs replacement, protective posts installed.</u>							
Inspection Date:		<u>11/2/94</u>		Inspected By:		<u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-383

WELL INFORMATION							
Well Number:	GW-202	Screen or Open Interval Length:	5.0	ft.			
Site:	RDS	Constructed Depth:	23.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					22.5		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					28		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☐	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)			_____			
COMMENTS							
Well needs redevelopment before monitoring again; new pad and posts installed.							
Inspection Date:		11/2/94		Inspected By:		McMaster/Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-436

WELL INFORMATION			
Well Number: <u>GW-204</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>Y-12</u>	Constructed Depth: <u>20.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>20.1</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between; margin-top: 10px;"> Inspection Date: <u>11/16/94</u> Inspected By: <u>S.B. Jones</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-297

WELL INFORMATION							
Well Number:	GW-209	Screen or Open Interval Length:	5.1	ft.			
Site:	USGS	Constructed Depth:	54.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☐	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:							ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length							%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☐	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ 2" PVC casing has been sheared off at pad. Cannot rehab. Recommend P&A. _____ _____							
Inspection Date: <u>10/20/94</u>				Inspected By: <u>McMaster</u>			

WELL INFORMATION			
Well Number: <u>GW-210</u>	Screen or Open Interval Length: <u>20.0</u> ft.		
Site: <u>USGS</u>	Constructed Depth: <u>130.2</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	129.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Gate with contractor's lock.</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☐
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Well has water-tight locking cap. Needs another guardpost installed.</div>			
Inspection Date: <u>10/20/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-299

WELL INFORMATION							
Well Number:	GW-211	Screen or Open Interval Length:	6.0	ft.			
Site:	USGS	Constructed Depth:	413.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____ Contractor's lock on well.					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ Another guardpost needs installed. No measurement due to monitoring equipment in well. _____ _____							
Inspection Date:		10/20/94		Inspected By:		McMaster	

WELL INFORMATION									
Well Number: <u>GW-212</u>		Screen or Open Interval Length: <u>4.4</u> ft.							
Site: <u>USGS</u>		Constructed Depth: <u>14.0</u> ft.							
PRIMARY INSPECTION ITEMS:									
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☐	☐	☐	☐	☐		
2. Is the PVC well casing cracked or broken?		☐	☐	☐	☐	☐	☐		
3. Is a protective surface casing installed (PVC well only)?		☐	☐	☐	☐	☐	☐		
4. Is the protective casing corroded, bent, or broken?		☐	☐	☐	☐	☐	☐		
5. Is a weep located at the base of the protective casing?		☐	☐	☐	☐	☐	☐		
6. Is the steel, stainless steel, or PVC well casing loose?		☐	☐	☐	☐	☐	☐		
WELL SECURITY:									
1. Does the well have a cap or lid?		☐	☐	☐	☐	☐	☐		
2. Does the well have a waterproof steel / brass lock?		☐	☐	☐	☐	☐	☐		
3. Are the hasps firmly welded to well cap and / or metal casing?		☐	☐	☐	☐	☐	☐		
DOWNHOLE CONDITION:									
1. Is a measurement reference point marked on the top of the well casing?		☐	☐	☐	☐	☐	☐		
2. Measured depth of well from top of well casing:							ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length							%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☐	☐	☐	☐	☐		
5. Do any obstructions occur within the well?		☐	☐	☐	☐	☐	☐		
SECONDARY INSPECTION ITEMS									
WELL ACCESS:									
1. Does the access road require grading or additional gravel?		☐	☐	☐	NO	YES	N/A		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☐	☐	☐	☐	☐	☐		
WELL IDENTIFICATION:									
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☐	☐	☐	☐	☐	☐		
2. Is the well number legible?		☐	☐	☐	☐	☐	☐		
3. Is the well identification number correct?		☐	☐	☐	☐	☐	☐		
CONCRETE PAD:									
1. Is a concrete pad installed (active wells only)?		☐	☐	☐	☐	☐	☐		
2. Is the pad cracked or deteriorated?		☐	☐	☐	☐	☐	☐		
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☐	☐	☐	☐	☐		
GUARD POSTS:									
1. Are the guardposts damaged?		☐	☐	☐	☐	☐	☐		
2. Are the guardposts positioned to prevent collision damage to well?		☐	☐	☐	☐	☐	☐		
3. Are the guardposts of adequate height?		☐	☐	☐	☐	☐	☐		
4. Is the high-traffic yellow paint degraded?		☐	☐	☐	☐	☐	☐		
WELL MAINTENANCE REQUEST									
Complete if any of the above shaded yes/no boxes are checked.					Request nos. for maintenance performed on this well in 1994				
☐ Primary Item(s)		☐ Secondary Item(s)			_____				
COMMENTS									
This well has not been located; most likely has been destroyed.									
Inspection Date: <u>11/22/94</u>					Inspected By: <u>McMaster</u>				

WELL INFORMATION						
Well Number:	GW-214	Screen or Open Interval Length:	15.4	ft.		
Site:	USGS	Constructed Depth:	433.1	ft.		
PRIMARY INSPECTION ITEMS:						
WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☐	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☐	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☐	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☐	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐	☐	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?	☐	☐	☐	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☐	☐	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☐	☐	☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☐	☐	☐	☐	☒	☐
2. Measured depth of well from top of well casing:	419.0				ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☐	☐	☐	☒	☐
5. Do any obstructions occur within the well?	☒	☐	☐	☐	☐	☐
SECONDARY INSPECTION ITEMS						
WELL ACCESS:				NO	YES	N/A
1. Does the access road require grading or additional gravel?				☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Well located behind locked gate; access by walking.</u>				☐	☒	☐
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☐	☒	☐
2. Is the well number legible?				☐	☒	☐
3. Is the well identification number correct?				☐	☒	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☐	☐	☒
2. Is the pad cracked or deteriorated?				☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?				☐	☐	☒
GUARD POSTS:						
1. Are the guardposts damaged?				☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?				☐	☐	☒
3. Are the guardposts of adequate height?				☐	☐	☒

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-578

WELL INFORMATION			
Well Number:	<u>GW-215</u>	Screen or Open Interval Length:	<u>4.6</u> ft.
Site:	<u>USGS</u>	Constructed Depth:	<u>15.5</u> ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>15.3</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Recommend well for P&A, not being used for monitoring, substandard construction, and would take more money to rehab. than practical.</u>			
Inspection Date: <u>11/22/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-509

WELL INFORMATION							
Well Number:	GW-218	Screen or Open Interval Length:	10.0	ft.			
Site:	UOV	Constructed Depth:	30.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:						30.4	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____			
COMMENTS							
Guardposts need to be straightened and painted.							
Inspection Date:		12/20/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-510

WELL INFORMATION			
Well Number: <u>GW-219</u> Site: <u>UOV</u>	Screen or Open Interval Length: <u>5.6</u> ft. Constructed Depth: <u>15.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
2. Measured depth of well from top of well casing:	<u>15.3</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>7</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
3. Are the guardposts of adequate height?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; line-height: 20px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ Posts need painting. Replaced ID tag. _____ _____ _____			
Inspection Date: <u>12/20/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-255

WELL INFORMATION							
Well Number:	GW-224	Screen or Open Interval Length:	20.0	ft.			
Site:	R Q	Constructed Depth:	128.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					127.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					8	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	_____					
COMMENTS							
_____ Posts need painting and weep installed. Replaced lock.							

Inspection Date:		9/22/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-137

WELL INFORMATION			
Well Number: <u>GW-225</u>	Screen or Open Interval Length: <u>50.0</u> ft.		
Site: <u>O L</u>	Constructed Depth: <u>202.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>203.3</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div></div>			
Inspection Date: <u>8/4/94</u>		Inspected By: <u>McMaster</u>	

INSPECTION NO.: 94-138

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-569

WELL INFORMATION			
Well Number: <u>GW-227</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>O L</u>	Constructed Depth: <u>42.6</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>42.2</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>< 5</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES N/A
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☒
3. Is the well identification number correct?		☒	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☒	☒
4. Is the high-traffic yellow paint degraded?		☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border: 1px solid black; height: 40px; margin-top: 5px;"></div>			
Inspection Date: <u>11/21/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-139

WELL INFORMATION							
Well Number:	GW-228	Screen or Open Interval Length:	20.0	ft.			
Site:	OL	Constructed Depth:	102.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					90.2	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					62	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well needs redevelopment before sampling again.							
Inspection Date:		8/4/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-140

WELL INFORMATION							
Well Number:	GW-229	Screen or Open Interval Length:	15.0	ft.			
Site:	O L	Constructed Depth:	58.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐			
2. Is the PVC well casing cracked or broken?		☐	☒	☐			☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☐			☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☐			☒
5. Is a weep located at the base of the protective casing?		☒	☐	☐			☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐			☐
WELL SECURITY:							
1. Does the well have a cap or lid?		☒	☒	☐			
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐			
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐			
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐			
2. Measured depth of well from top of well casing:			42.7	ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			> 100	%			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒	☐			
5. Do any obstructions occur within the well?		☒	☒	☐			
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐			
2. Is the well number legible?		☒	☒	☐			
3. Is the well identification number correct?		☒	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☒	☐			
2. Is the pad cracked or deteriorated?		☒	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐			
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐			
3. Are the guardposts of adequate height?		☒	☒	☐			
4. Is the high-traffic yellow paint degraded?		☒	☒	☐			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well needs redevelopment before monitoring again. Posts need painting.							
Inspection Date:		8/4/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-208

WELL INFORMATION						
Well Number: <u>GW-236</u>	Screen or Open Interval Length: <u>5.0</u> ft.					
Site: <u>S3</u>	Constructed Depth: <u>20.8</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☐	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☐	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:				<u>21.2</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☐	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☐	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☐	☒	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☐	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☐	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☒	☐	
3. Are the guardposts of adequate height?			☐	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☐	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<u>Grout is deteriorated in annulus.</u>						
Inspection Date: <u>8/18/94</u> Inspected By: <u>McMaster/Sitzler</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-178

WELL INFORMATION			
Well Number: <u>GW-237</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>12.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>17.2</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u> </u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Well is 4.7 ft. deeper than listed constructed depth. Posts need painting.</u>			
Inspection Date: <u>8/9/94</u> Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-579

WELL INFORMATION							
Well Number:	GW-238	Screen or Open Interval Length:	29.0	ft.			
Site:	USGS	Constructed Depth:	130.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					129.8	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☐	☒	☐
		Well located behind locked gate; walk for access.					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994			
COMMENTS							
Well needs new cap and lock.							
Inspection Date:		11/22/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-245

WELL INFORMATION			
Well Number: <u>GW-239</u>	Screen or Open Interval Length: <u>29.3</u> ft.		
Site: <u>USGS</u>	Constructed Depth: <u>435.1</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>436.3</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-036S</u>	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>9/22/94</u> Inspected By: <u>McMaster, Sitzler</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-558

WELL INFORMATION							
Well Number:	<u>GW-242</u>	Screen or Open Interval Length:	<u>6.0</u>	ft.			
Site:	<u>BG</u>	Constructed Depth:	<u>20.3</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>19.6</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>12</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994							
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
<p align="center">Posts need painting.</p>							
Inspection Date:		<u>11/18/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-482

WELL INFORMATION			
Well Number: <u>GW-243</u>	Screen or Open Interval Length: <u>27.9</u> ft.		
Site: <u>S3</u>	Constructed Depth: <u>75.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>76.0</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ _____ _____			
Inspection Date: <u>12/6/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-478

WELL INFORMATION			
Well Number: <u>GW-244</u>	Screen or Open Interval Length: <u>28.1</u> ft.		
Site: <u>S3</u>	Constructed Depth: <u>77.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>76.9</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>< 5</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-016S</u>	
COMMENTS			
Inspection Date: <u>12/6/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-479

WELL INFORMATION							
Well Number:	GW-245	Screen or Open Interval Length:	28.0	ft.			
Site:	S3	Constructed Depth:	74.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					73.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					< 5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					NO	YES	N/A
					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-016S			
COMMENTS							
Inspection Date:		12/6/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-480

WELL INFORMATION

Well Number: GW-246

Screen or Open Interval Length: 28.1 ft.

Site: S3

Constructed Depth: 77.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☐

Stainless Steel

☒

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☐☒☒

2. Is the PVC well casing cracked or broken?

☒☐☐

3. Is a protective surface casing installed (PVC well only)?

☐☒☐

4. Is the protective casing corroded, bent, or broken?

☒☐☐

5. Is a weep located at the base of the protective casing?

☒☒☐

6. Is the steel, stainless steel, or PVC well casing loose?

☒☐☐

WELL SECURITY:

1. Does the well have a cap or lid?

☐☒☐

2. Does the well have a waterproof steel / brass lock?

☐☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☐☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☐☒☐

2. Measured depth of well from top of well casing:

77.0

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

< 5

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☐☐

5. Do any obstructions occur within the well?

☒☐☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☐☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☐☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☐☒☐

2. Is the well number legible?

☐☒☐

3. Is the well identification number correct?

☐☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☐☒☐

2. Is the pad cracked or deteriorated?

☒☐☐

3. Is the pad sloped to prevent water from ponding around the casing?

☐☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☐☐

2. Are the guardposts positioned to prevent collision damage to well?

☐☒☐

3. Are the guardposts of adequate height?

☐☒☐

4. Is the high-traffic yellow paint degraded?

☒☐☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Inspection Date: 12/6/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-481

WELL INFORMATION			
Well Number: <u>GW-247</u>	Screen or Open Interval Length: <u>28.0</u> ft.		
Site: <u>S3</u>	Constructed Depth: <u>77.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>77.3</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>12/6/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-363

WELL INFORMATION

Well Number: GW-248

Screen or Open Interval Length: 11.0 ft.

Site: B G

Constructed Depth: 64.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐ Steel

☒ Stainless Steel

☐ PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed (PVC well only)?
4. Is the protective casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

☒	☒	☐
☐	☐	☒
☒	☐	☒
☐	☒	☒
☒	☐	☒
☒	☒	☐

WELL SECURITY:

1. Does the well have a cap or lid?
2. Does the well have a waterproof steel / brass lock?
3. Are the hasps firmly welded to well cap and / or metal casing?

☒	☒	☐
☒	☒	☐
☒	☒	☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?
2. Measured depth of well from top of well casing:
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length
4. Is this value > 0.2 (represents % of screen or open - hole interval)?
5. Do any obstructions occur within the well?

☒	☒	☐
	65.1	ft.
	--	%
☒	☒	☐
☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____

NO	YES	N/A
☐	☒	☐
☐	☒	☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

☒	☐	☐
☒	☒	☐
☒	☒	☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. Is the pad cracked or deteriorated?
3. Is the pad sloped to prevent water from ponding around the casing?

☒	☒	☐
☒	☒	☐
☒	☒	☐

GUARD POSTS:

1. Are the guardposts damaged?
2. Are the guardposts positioned to prevent collision damage to well?
3. Are the guardposts of adequate height?
4. Is the high-traffic yellow paint degraded?

☒	☒	☐
☒	☒	☐
☒	☒	☐
☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)

☐ Secondary Item(s)

COMMENTS

Posts need paint, weeds need clearing. ID tag needs replacement.

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-364

WELL INFORMATION							
Well Number:	GW-249	Screen or Open Interval Length:	5.2	ft.			
Site:	B G	Constructed Depth:	37.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					37.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: 11/2/94 Inspected By: McMaster/Jones							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-365

WELL INFORMATION

Well Number: GW-250

Screen or Open Interval Length: 10.4 ft.

Site: B G

Constructed Depth: 64.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☒

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

64.8

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☒☐

2. Is the pad cracked or deteriorated?

☒☒☐

3. Is the pad sloped to prevent water from ponding around the casing?

☒☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-343

WELL INFORMATION			
Well Number: <u>GW-253</u>	Screen or Open Interval Length: <u>9.6</u> ft.		
Site: <u>S2</u>	Constructed Depth: <u>49.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>50.2</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-0375</u>	
COMMENTS			
<div></div>			
Inspection Date: <u>11/1/94</u>		Inspected By: <u>S.B. Jones</u>	

INSPECTION NO.: 94-362

WELL MAINTENANCE REQUEST

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-375

WELL INFORMATION							
Well Number:	GW-258	Screen or Open Interval Length:	10.7	ft.			
Site:	B G	Constructed Depth:	51.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒	☐	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☐
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?			☒		☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				52.7	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒		☒	☐	☐
5. Do any obstructions occur within the well?			☒		☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?			☒		☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?			☒		☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
High weeds and posts need paint. Walk for access. Located behind fence at WIP area.							
Inspection Date:		11/2/94		Inspected By:		McMaster/Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-374

WELL INFORMATION

Well Number: GW-259

Screen or Open Interval Length: 10.7 ft.

Site: B G

Constructed Depth: 35.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒		☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:					35.6	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s)☐ Secondary Item(s)

COMMENTS

High weeds and posts need paint. Walk for access. Located behind fence at WIP area.

Inspection Date: 11/2/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-557

WELL INFORMATION			
Well Number: <u>GW-265</u>	Screen or Open Interval Length: <u>5.6</u> ft.		
Site: <u>SY</u>	Constructed Depth: <u>24.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:		<u>25.5</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well needs new pad and guardposts installed.			
Inspection Date: <u>12/20/94</u>		Inspected By: <u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-487

WELL INFORMATION							
Well Number:	GW-268	Screen or Open Interval Length:	5.6	ft.			
Site:	SY	Constructed Depth:	36.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					--	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
No pad or posts. No measurement made, well is in radiological area.							
Inspection Date: <u>12/16/94</u>		Inspected By: <u>S.B. Jones</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-491

WELL INFORMATION			
Well Number: <u>GW-269</u>	Screen or Open Interval Length: <u>5.7</u> ft.		
Site: <u>S Y</u>	Constructed Depth: <u>31.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☐	☒
2. Measured depth of well from top of well casing:	-- ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☒
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ No measurement made, well located in a radiological area. _____ _____			
Inspection Date: <u>12/15/94</u>		Inspected By: <u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-555

WELL INFORMATION							
Well Number:	<u>GW-270</u>	Screen or Open Interval Length:	<u>5.4</u>	ft.			
Site:	<u>SY</u>	Constructed Depth:	<u>21.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>21.4</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border: 1px solid black; padding: 5px; min-height: 40px;"> <p align="center">No guardposts.</p> </div>							
Inspection Date:		<u>12/20/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-556

WELL INFORMATION			
Well Number: <u>GW-271</u> Site: <u>S Y</u>	Screen or Open Interval Length: <u>10.4</u> ft. Constructed Depth: <u>58.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Measured depth of well from top of well casing:	<u>56.3</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>24</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
3. Are the guardposts of adequate height?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ <div style="text-align: center;">No guardposts.</div> _____ _____			
Inspection Date: <u>12/20/94</u>		Inspected By: <u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-492

WELL INFORMATION							
Well Number:	GW-272	Screen or Open Interval Length:	5.3	ft.			
Site:	SY	Constructed Depth:	18.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☒
2. Measured depth of well from top of well casing:					--	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☐	☒	☐
		Well located inside radiological area.					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☒
3. Is the well identification number correct?					☒	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Well needs ID tag. No measurement made, well located inside radiological area.							
Inspection Date:		12/15/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-488

WELL INFORMATION			
Well Number:	GW-273	Screen or Open Interval Length:	5.3 ft.
Site:	SY	Constructed Depth:	35.3 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		--	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
No measurement made, well is located in a radiological area.			
Inspection Date: 12/16/94		Inspected By: S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-485

WELL INFORMATION							
Well Number:	GW-274	Screen or Open Interval Length:	5.4	ft.			
Site:	SY	Constructed Depth:	36.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					no meas.	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☐	☒	☐
		Well located in radiological area					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Visual inspection performed on this well since is located in a radiological area.							
Inspection Date:		12/16/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-486

WELL INFORMATION			
Well Number: <u>GW-275</u>	Screen or Open Interval Length: <u>10.4</u> ft.		
Site: <u>SY</u>	Constructed Depth: <u>67.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
2. Measured depth of well from top of well casing:	-- ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Well located in a radiological area</u>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
3. Are the guardposts of adequate height?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
<u>No measurement made, well located in radiological area.</u>			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>12/16/94</u> Inspected By: <u>S.B. Jones</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-547

WELL INFORMATION							
Well Number:	GW-277	Screen or Open Interval Length:	10.4	ft.			
Site:	S 3	Constructed Depth:	80.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☒	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					80.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		12/22/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-370

WELL INFORMATION							
Well Number:	GW-286	Screen or Open Interval Length:	10.0	ft.			
Site:	B G	Constructed Depth:	34.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					34.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: <u>11/2/94</u>				Inspected By: <u>McMaster/Jones</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-366

WELL INFORMATION							
Well Number:	GW-288	Screen or Open Interval Length:	10.0	ft.			
Site:	B G	Constructed Depth:	61.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					62.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border: 1px solid black; padding: 5px; min-height: 40px;"> Posts need paint. </div>							
Inspection Date:		11/2/94		Inspected By:		McMaster/Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-367

WELL INFORMATION							
Well Number:	<u>GW-289</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>B G</u>	Constructed Depth:	<u>42.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>43.2</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<p align="center"><u>Posts need paint.</u></p>							
Inspection Date:		<u>11/2/94</u>		Inspected By:		<u>McMaster/Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-372

WELL INFORMATION							
Well Number:	GW-290	Screen or Open Interval Length:	10.0	ft.			
Site:	B G	Constructed Depth:	38.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					38.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					< 5	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		11/2/94		Inspected By:		McMaster/Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-373

WELL INFORMATION			
Well Number: <u>GW-291</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>19.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Measured depth of well from top of well casing:	<u>20.0</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
3. Are the guardposts of adequate height?	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: black; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>11/2/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-229

WELL INFORMATION							
Well Number:	GW-295	Screen or Open Interval Length:	10.1	ft.			
Site:	LF III	Constructed Depth:	148.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					149.2	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		94-036S			
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: 9/20/94 Inspected By: McMaster </div>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-152

WELL INFORMATION			
Well Number:	GW-306	Screen or Open Interval Length:	10.0 ft.
Site:	RS	Constructed Depth:	60.4 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	60.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>May have to contact MK-Ferguson for access.</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-044S</u>	
COMMENTS			
<u>Paint posts.</u>			
Inspection Date: <u>8/4/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-151

WELL INFORMATION							
Well Number:	GW-307	Screen or Open Interval Length:	10.7	ft.			
Site:	RS	Constructed Depth:	43.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					43.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
May have to contact MK-Ferguson for access.							
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-044S					
COMMENTS							
Paint posts.							
Inspection Date:		8/4/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-150

WELL INFORMATION			
Well Number: <u>GW-308</u>	Screen or Open Interval Length: <u>10.6</u> ft.		
Site: <u>RS</u>	Constructed Depth: <u>40.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>40.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>May have to contact MK-Ferguson for access.</u>	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-044S</u>	
COMMENTS			
Posts need painting; guardpost replaced that has been hit.			
Inspection Date: <u>8/4/94</u>		Inspected By: <u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-149

WELL INFORMATION							
Well Number:	GW-309	Screen or Open Interval Length:	10.0	ft.			
Site:	RS	Constructed Depth:	39.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					40.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>May have to contact MK-Ferguson for access.</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Inspection Date:		8/4/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-148

WELL INFORMATION			
Well Number:	GW-310	Screen or Open Interval Length:	5.3 ft.
Site:	RS	Constructed Depth:	30.1 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:		☐ Steel ☒ Stainless Steel ☐ PVC	
			NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☐	☒
2. Does the well have a waterproof steel / brass lock?		☐	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☐	☒
2. Measured depth of well from top of well casing:		30.7	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO YES N/A	
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☐	☒
2. Is the well number legible?		☐	☒
3. Is the well identification number correct?		☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☐	☒
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☐	☒
3. Are the guardposts of adequate height?		☐	☒
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	94-044S	
COMMENTS			
Posts need painting.			
Inspection Date: 8/4/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-212

WELL INFORMATION						
Well Number: <u>GW-313</u>	Screen or Open Interval Length: <u>11.1</u> ft.					
Site: <u>SPI</u>	Constructed Depth: <u>115.2</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>121.5</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
Well is 6.3 ft. deeper than listed constructed depth.						
Inspection Date: <u>8/18/94</u>			Inspected By: <u>McMaster/Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-213

WELL INFORMATION	
Well Number: <u>GW-314</u>	Screen or Open Interval Length: <u>10.0</u> ft.
Site: <u>SPI</u>	Constructed Depth: <u>115.6</u> ft.
PRIMARY INSPECTION ITEMS:	
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
2. Is the PVC well casing cracked or broken?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☐</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☒</div> </div>
3. Is a protective surface casing installed (PVC well only)?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☐</div> <div style="text-align: center;">N/A ☒</div> </div>
4. Is the protective casing corroded, bent, or broken?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☐</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☒</div> </div>
5. Is a weep located at the base of the protective casing?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☐</div> <div style="text-align: center;">N/A ☒</div> </div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
WELL SECURITY:	
1. Does the well have a cap or lid?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
2. Does the well have a waterproof steel / brass lock?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
DOWNHOLE CONDITION:	
1. Is a measurement reference point marked on the top of the well casing?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
2. Measured depth of well from top of well casing:	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">118.3</div> <div style="text-align: center;">ft.</div> </div>
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">--</div> <div style="text-align: center;">%</div> </div>
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
5. Do any obstructions occur within the well?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
SECONDARY INSPECTION ITEMS	
WELL ACCESS:	
1. Does the access road require grading or additional gravel?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
WELL IDENTIFICATION:	
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
2. Is the well number legible?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
3. Is the well identification number correct?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
CONCRETE PAD:	
1. Is a concrete pad installed (active wells only)?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
2. Is the pad cracked or deteriorated?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
GUARD POSTS:	
1. Are the guardposts damaged?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
3. Are the guardposts of adequate height?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
4. Is the high-traffic yellow paint degraded?	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">NO ☒</div> <div style="text-align: center;">YES ☒</div> <div style="text-align: center;">N/A ☐</div> </div>
WELL MAINTENANCE REQUEST	
Complete if any of the above shaded yes/no boxes are checked.	
☐ Primary Item(s)	Request nos. for maintenance performed on this well in 1994 ☐ Secondary Item(s) _____
COMMENTS	
Inspection Date: <u>8/18/94</u>	Inspected By: <u>McMaster/Sitzler</u>

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-210

WELL INFORMATION							
Well Number:	<u>GW-316</u>	Screen or Open Interval Length:	<u>10.7</u>	ft.			
Site:	<u>SPI</u>	Constructed Depth:	<u>81.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>81.8</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-052P</u>					
COMMENTS							
<u>Pad is cracked, needs replacement.</u>							
Inspection Date: <u>8/18/94</u>		Inspected By: <u>McMaster/Sitzler</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-252

WELL INFORMATION			
Well Number: <u>GW-318</u>	Screen or Open Interval Length: <u>10.5</u> ft.		
Site: <u>R Q</u>	Constructed Depth: <u>82.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>82.8</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ Posts need painting. _____			

Inspection Date: <u>9/22/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-253

WELL INFORMATION							
Well Number:	<u>GW-319</u>	Screen or Open Interval Length:	<u>11.0</u>	ft.			
Site:	<u>RQ</u>	Constructed Depth:	<u>26.3</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>26.3</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Posts need painting.</u> _____ _____							
Inspection Date:		<u>9/22/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-250

WELL INFORMATION							
Well Number:	<u>GW-320</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>FAP</u>	Constructed Depth:	<u>112.9</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>112.8</u>	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guard posts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>No pad or posts. Stainless completion with protective casing. Replaced lock.</u>							
Inspection Date:		<u>9/22/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-357

WELL INFORMATION	
Well Number: <u>GW-322</u>	Screen or Open Interval Length: <u>65.0</u> ft.
Site: <u>CRSP</u>	Constructed Depth: <u>195.5</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC			
				NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☐	☐
2. Is the PVC well casing cracked or broken?				☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☐	☒
5. Is a weep located at the base of the protective casing?				☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel/brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:					<u>191.9</u>	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					<u>5</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:						
				NO	YES	N/A
1. Does the access road require grading or additional gravel?				☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____				☒	☐	☐
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☐	☒	☐
2. Is the well number legible?				☐	☒	☐
3. Is the well identification number correct?				☐	☒	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☐	☒	☐
2. Is the pad cracked or deteriorated?				☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?				☐	☒	☐
GUARD POSTS:						
1. Are the guard posts damaged?				☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?				☐	☒	☐
3. Are the guardposts of adequate height?				☐	☒	☐
4. Is the high-traffic yellow paint degraded?				☐	☒	☐

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☒ Secondary Item(s)

94-061S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-407

WELL INFORMATION							
Well Number:	GW-323	Screen or Open Interval Length:	10.5	ft.			
Site:	SPI	Constructed Depth:	109.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					109.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Inspection Date:		11/10/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-190

WELL INFORMATION							
Well Number:	<u>GW-324</u>	Screen or Open Interval Length:	<u>10.5</u>	ft.			
Site:	<u>S 3</u>	Constructed Depth:	<u>81.4</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>82.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-009S, 94-040S</u>			
COMMENTS							
Inspection Date:		<u>8/10/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-189

WELL INFORMATION			
Well Number: <u>GW-325</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>S3</u>	Constructed Depth: <u>19.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>
3. Is a protective surface casing installed (PVC well only)?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>
5. Is a weep located at the base of the protective casing?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
2. Measured depth of well from top of well casing:	<u>19.9</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
2. Is the well number legible?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
3. Is the well identification number correct?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
3. Are the guardposts of adequate height?	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; padding: 2px;">X</div>	<div style="background-color: #cccccc; border: 1px solid black; width: 20px; height: 15px;"></div>	<div style="border: 1px solid black; width: 20px; height: 15px;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-009S, 94-040S</u>	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>8/10/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-501

WELL INFORMATION						
Well Number: <u>GW-331</u>	Screen or Open Interval Length: <u>5.6</u> ft.					
Site: <u>WCPA</u>	Constructed Depth: <u>30.8</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>32.5</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
Paint posts.						
Inspection Date: <u>12/15/94</u>			Inspected By: <u>S.B. Jones</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-500

WELL INFORMATION																						
Well Number: <u>GW-332</u>	Screen or Open Interval Length: <u>5.4</u> ft.																					
Site: <u>WCPA</u>	Constructed Depth: <u>25.6</u> ft.																					
PRIMARY INSPECTION ITEMS:																						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:33%;">NO</th> <th style="width:33%;">YES</th> <th style="width:33%;">N/A</th> </tr> </thead> <tbody> <tr> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☒</td> </tr> <tr> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☒</td> </tr> <tr> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </tbody> </table>	NO	YES	N/A	☒	☒	☐	☐	☒	☒	☒	☐	☒	☐	☒	☒	☒	☐	☒	☒	☒	☐
NO	YES	N/A																				
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☒	☒	☐																				
1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?																						
WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel / brass lock? 3. Are the hasps firmly welded to well cap and / or metal casing?	<table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> </tbody> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐												
☒	☒	☐																				
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☒	☒	☐																				
DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well?	<table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center"></td><td align="center"><u>27.0</u></td><td align="center"><u>ft.</u></td></tr> <tr><td align="center"></td><td align="center"><u>--</u></td><td align="center"><u>%</u></td></tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☒</td></tr> </tbody> </table>	☐	☒	☐		<u>27.0</u>	<u>ft.</u>		<u>--</u>	<u>%</u>	☒	☒	☒									
☐	☒	☐																				
	<u>27.0</u>	<u>ft.</u>																				
	<u>--</u>	<u>%</u>																				
☒	☒	☒																				
SECONDARY INSPECTION ITEMS																						
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:33%;">NO</th> <th style="width:33%;">YES</th> <th style="width:33%;">N/A</th> </tr> </thead> <tbody> <tr> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </tbody> </table>	NO	YES	N/A	☒	☒	☐	☒	☒	☐												
NO	YES	N/A																				
☒	☒	☐																				
☒	☒	☐																				
WELL IDENTIFICATION: 1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	<table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> </tbody> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐												
☒	☒	☐																				
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☒	☒	☐																				
CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?	<table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> </tbody> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐												
☒	☒	☐																				
☒	☒	☐																				
☒	☒	☐																				
GUARD POSTS: 1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?	<table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☒</td><td align="center">☐</td></tr> </tbody> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐									
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WELL MAINTENANCE REQUEST																						
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 _____																					
COMMENTS																						
_____ _____																						
Inspection Date: <u>12/15/94</u>	Inspected By: <u>S.B. Jones</u>																					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-499

WELL INFORMATION

Well Number: GW-333

Screen or Open Interval Length: 10.7 ft.

Site: WCPA

Constructed Depth: 28.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☒

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

27.4

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

13

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

Timbers blocking access.

☐☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☒☐

2. Is the pad cracked or deteriorated?

☒☒☐

3. Is the pad sloped to prevent water from ponding around the casing?

☒☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Inspection Date: 12/15/94

Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-498

WELL INFORMATION			
Well Number: <u>GW-334</u>	Screen or Open Interval Length: <u>5.4</u> ft.		
Site: <u>WCPA</u>	Constructed Depth: <u>30.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>29.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>18</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Timbers and flag line block access.</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>12/15/94</u> Inspected By: <u>S.B. Jones</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-497

WELL INFORMATION							
Well Number:	GW-335	Screen or Open Interval Length:	5.7	ft.			
Site:	WCPA	Constructed Depth:	16.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					17.2	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____			
COMMENTS							
Inspection Date: 12/15/94 Inspected By: S.B. Jones							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-496

WELL INFORMATION							
Well Number:	<u>GW-336</u>	Screen or Open Interval Length:	<u>5.6</u>	ft.			
Site:	<u>WCPA</u>	Constructed Depth:	<u>25.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>23.9</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>34</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		<u>12/15/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-564

WELL INFORMATION							
Well Number:	<u>GW-342</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>B G</u>	Constructed Depth:	<u>77.6</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>78.3</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Access road locked due to slide conditions.</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-007S</u>					
COMMENTS							
<u>Access to this well is now by walking only. Road has collapsed without possibility or rebuilding.</u>							
Inspection Date:		<u>11/21/94</u>	Inspected By:		<u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-580

WELL INFORMATION			
Well Number:	GW-343	Screen or Open Interval Length:	15.0 ft.
Site:	B G	Constructed Depth:	186.3 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			
		NO	YES
		N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		189.5	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
		N/A	
1. Does the access road require grading or additional gravel?		☐	☒
2. Do any obstructions (locked gates, fallen trees, etc.)		☐	☒
access to well? Explain: Access to this well by walking. Road washed out.		☐	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	94-007S	
COMMENTS			
Road has washed out due to heavy rains; cannot be replaced. These wells only accessible by walking.			
Inspection Date: 11/22/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-581

WELL INFORMATION						
Well Number: <u>GW-344</u>	Screen or Open Interval Length: <u>15.0</u> ft.					
Site: <u>B G</u>	Constructed Depth: <u>317.9</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			No msmt.		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☒	
5. Do any obstructions occur within the well?			☐	☒	☒	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<u>Access to wells GW-342, GW-343, GW-344 and GW-655 has washed out and is not feasible for repair. Access is only by walking.</u> <u>Packer in well, no measurement.</u>						
Inspection Date: <u>11/22/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-475

WELL INFORMATION			
Well Number: <u>GW-345</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>S3</u>	Constructed Depth: <u>30.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>29.1</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>15</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>12/6/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-474

WELL INFORMATION						
Well Number: <u>GW-346</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>S3</u>	Constructed Depth: <u>65.2</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>67.8</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>						
Inspection Date: <u>12/6/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-460

WELL INFORMATION							
Well Number:	<u>GW-349</u>	Screen or Open Interval Length:	<u>15.0</u>	ft.			
Site:	<u>S2</u>	Constructed Depth:	<u>26.5</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>27.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Needs ID tag. _____							

Inspection Date:		<u>11/17/94</u>		Inspected By:		<u>S.B. Jones</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-461

WELL INFORMATION							
Well Number:	GW-350	Screen or Open Interval Length:	10.0	ft.			
Site:	S 2	Constructed Depth:	45.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					46.8	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Needs ID tag. _____							

Inspection Date:		11/17/94		Inspected By:		S.B. Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-122

WELL INFORMATION			
Well Number: <u>GW-364</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>OL</u>	Constructed Depth: <u>62.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>62.9</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	NO	YES	N/A
	☒	☐	☐
	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request no. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div></div>			
Inspection Date: <u>7/28/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-121

WELL INFORMATION							
Well Number:	GW-365	Screen or Open Interval Length:	23.3	ft.			
Site:	OL	Constructed Depth:	152.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					152.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		<u>7/28/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-124

WELL INFORMATION							
Well Number:	GW-366	Screen or Open Interval Length:	10.0	ft.			
Site:	OL	Constructed Depth:	103.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the harps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					104.5 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994							
☐ Primary Item(s)		☒ Secondary Item(s)		94-065S			
COMMENTS							
Pad is cracked and needs replacement.							
Inspection Date: <u>7/28/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-123

WELL INFORMATION							
Well Number:	GW-367	Screen or Open Interval Length:	25.0	ft.			
Site:	OL	Constructed Depth:	152.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:						153.5	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length						--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☒ Secondary Item(s)		94-065S			
COMMENTS							
Pad needs replacement.							
Inspection Date:		7/28/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-191

WELL INFORMATION			
Well Number: <u>GW-368</u>	Screen or Open Interval Length: <u>20.0</u>	ft.	
Site: <u>OL</u>	Constructed Depth: <u>246.9</u>	ft.	
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		<u>247.5</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-026S</u>	
COMMENTS			
<p align="center">Replaced ID tag.</p>			
Inspection Date: <u>8/15/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-192

WELL INFORMATION							
Well Number:	<u>GW-369</u>	Screen or Open Interval Length:	<u>34.4</u>	ft.			
Site:	<u>O L</u>	Constructed Depth:	<u>152.1</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>150.4</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>< 5</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-026S</u>			
COMMENTS							
Inspection Date: <u>8/15/94</u>		Inspected By: <u>McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-203

WELL INFORMATION							
Well Number:	GW-371	Screen or Open Interval Length:	15.0	ft.			
Site:	B G	Constructed Depth:	127.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☐	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:						127.6	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						< 5	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-036S, 94-040S</u>			
COMMENTS							
Inspection Date:		<u>8/18/94</u>		Inspected By:		<u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-130

WELL INFORMATION

Well Number: GW-374

Screen or Open Interval Length: 25.5 ft.

Site: B G

Constructed Depth: 151.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☒

Steel

☐

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

152.5

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

NO

YES

N/A

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

☒☒☐

access to well? Explain: _____

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☒☐

2. Is the pad cracked or deteriorated?

☒☒☐

3. Is the pad sloped to prevent water from ponding around the casing?

☒☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Replaced ID tag.

Inspection Date: 8/3/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-561

WELL INFORMATION							
Well Number:	<u>GW-375</u>	Screen or Open Interval Length:	<u>36.5</u>	ft.			
Site:	<u>B G</u>	Constructed Depth:	<u>162.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐	☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☐	☐	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☐	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☐	☐	☐	☐	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☐	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐	☐	☐	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?		☒	☐	☐	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐	☐	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐	☐	☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☒	☐	☐	☒	☒	☐
2. Measured depth of well from top of well casing:					<u>163.0</u>		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐	☐	☒	☒	☐
5. Do any obstructions occur within the well?		☒	☐	☐	☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☐	☐	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐	☐	☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐	☐	☒	☒	☐
2. Is the well number legible?		☒	☐	☐	☒	☒	☐
3. Is the well identification number correct?		☒	☐	☐	☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☐	☐	☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☐	☐	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐	☐	☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☐	☐	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐	☐	☒	☒	☐
3. Are the guardposts of adequate height?		☒	☐	☐	☒	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐	☐	☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.					Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: <u>11/18/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-562

WELL INFORMATION							
Well Number:	<u>GW-376</u>	Screen or Open Interval Length:	<u>155.0</u>	ft.			
Site:	<u>LDS</u>	Constructed Depth:	<u>221.9</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					No msmt ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request no. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>This well has a pump installed for nearby water tank; can't access for measurement. Well security is satisfactory.</u>							

Inspection Date:		<u>11/18/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-645

WELL INFORMATION							
Well Number:	GW-400	Screen or Open Interval Length:	30.0	ft.			
Site:	GBR	Constructed Depth:	582.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☒
2. Does the well have a waterproof steel / brass lock?					☒	☐	☒
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☒
2. Measured depth of well from top of well casing:					No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒				
2. Is the well number legible?			☒				
3. Is the well identification number correct?			☒				
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?			☐		☒		
2. Is the pad cracked or deteriorated?			☒		☒		
3. Is the pad sloped to prevent water from ponding around the casing?			☐		☒		
GUARD POSTS:							
1. Are the guardposts damaged?			☒		☒		
2. Are the guardposts positioned to prevent collision damage to well?			☐		☒		
3. Are the guardposts of adequate height?			☐		☒		
4. Is the high-traffic yellow paint degraded?			☒		☒		
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ Mechanical packer in well; no downhole access, no measurement.							

Inspection Date:		7/8/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-643

WELL INFORMATION							
Well Number:	GW-401	Screen or Open Interval Length:	50.5	ft.			
Site:	GBR	Constructed Depth:	862.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?		☒			☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:		No measurement ft.					
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%					
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☒
5. Do any obstructions occur within the well?					☒	☐	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐	☐			
2. Is the well number legible?			☒	☐			
3. Is the well identification number correct?			☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?			☐	☒			
2. Is the pad cracked or deteriorated?			☒	☐	☒		
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☒	☒		
GUARD POSTS:							
1. Are the guardposts damaged?			☒	☐	☒		
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒		
3. Are the guardposts of adequate height?			☐	☐	☒		
4. Is the high-traffic yellow paint degraded?			☒	☐	☒		
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
1" PVC casing, no measurement possible. Well number on inside of cap.							
Inspection Date:		7/8/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-642

WELL INFORMATION			
Well Number: <u>GW-402</u>	Screen or Open Interval Length: <u>25.9</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>402.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing.</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
<u>No measurement made; 1" PVC casing. ID tag is on well cap.</u>			
Inspection Date: <u>7/7/94</u>		Inspected By: <u>MCMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-617

WELL INFORMATION							
Well Number:	<u>GW-403</u>	Screen or Open Interval Length:	<u>25.0</u>	ft.			
Site:	<u>GBR</u>	Constructed Depth:	<u>616.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☐	☒
2. Measured depth of well from top of well casing:		No msmt. ft.					
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%					
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____			
COMMENTS							
<u>Well is 1" PVC construction with airlift tubing. No measurement possible.</u>							
Inspection Date: <u>6/16/94</u>		Inspected By: <u>McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-646

WELL INFORMATION			
Well Number: <u>GW-405</u>	Screen or Open Interval Length: <u>9.9</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>36.2</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>36.3</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<p align="center">Well ID is on pump.</p>			
Inspection Date: <u>7/8/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-647

WELL INFORMATION						
Well Number: <u>GW-406</u>	Screen or Open Interval Length: <u>3.7</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>8.6</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☒	☐	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:				<u>8.7</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☒	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐	☒	
3. Are the guardposts of adequate height?			☒	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			_____
COMMENTS						
ID tag is on well cap.						
Inspection Date: <u>7/8/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-649

WELL INFORMATION			
Well Number: <u>GW-407</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>42.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:		<u>42.6</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing; roadwork</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
ID tag is on well cap.			
Inspection Date: <u>7/8/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-648

WELL INFORMATION						
Well Number: <u>GW-408</u>	Screen or Open Interval Length: <u>3.0</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>8.1</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☐	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☒	☐	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:			<u>8.1</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing; roadwork</u>			☐	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☐	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<p align="center">ID tag is on well cap.</p>						
Inspection Date: <u>7/8/94</u>			Inspected By: <u>McMaster</u>			

WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-628

54.21

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-627

WELL INFORMATION						
Well Number: <u>GW-410</u>	Screen or Open Interval Length: <u>10.8</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>19.1</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☐	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☒	☐	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:				<u>16.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>28</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing; roadwork.</u>			☐	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☐	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☐	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☐	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☐	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)						
COMMENTS						
<u>Well will need rehab. work before monitoring.</u>						
Inspection Date: <u>6/17/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-625

WELL INFORMATION							
Well Number:	<u>GW-411</u>	Screen or Open Interval Length:	<u>5.4</u>	ft.			
Site:	<u>GBR</u>	Constructed Depth:	<u>10.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>10.5</u>		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing; roadwork.</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
<u>ID tag is on well cap. Note: "GW-410" is painted on casing.</u>							
Inspection Date:		<u>6/17/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-626

WELL INFORMATION							
Well Number:	GW-412	Screen or Open Interval Length:	10.0	ft.			
Site:	GBR	Constructed Depth:	42.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					42.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing; roadwork.</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☒	☐	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
ID tag is on well casing.							
Inspection Date:		6/17/94		Inspected By:		McMaster	

WELL INFORMATION				
Well Number:	GW-413	Screen or Open Interval Length:	9.5 ft.	
Site:	GBR	Constructed Depth:	16.9 ft.	
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?		☐	☒	☐
4. Is the protective casing corroded, bent, or broken?		☒	☐	☐
5. Is a weep located at the base of the protective casing?		☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:			15.6	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			14	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☐	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☐	☒
2. Is the pad cracked or deteriorated?		☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐	☒
GUARD POSTS:				
1. Are the guardposts damaged?		☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐	☒
3. Are the guardposts of adequate height?		☒	☐	☒
4. Is the high-traffic yellow paint degraded?		☐	☒	☒
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request no. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	_____		
COMMENTS				
Inspection Date: 6/17/94		Inspected By: McMaster		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-623

WELL INFORMATION							
Well Number:	GW-414	Screen or Open Interval Length:	9.7	ft.			
Site:	GBR	Constructed Depth:	57.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					57.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees across road need clearing.</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
ID tag is on well cap.							
Inspection Date:		6/17/94		Inspected By:		McMaster	

INSPECTION NO.: 94-621

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Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-622

WELL INFORMATION			
Well Number: <u>GW-416</u>	Screen or Open Interval Length: <u>10.0</u>	ft.	
Site: <u>GBR</u>	Constructed Depth: <u>63.2</u>	ft.	
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>63.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees need clearing for access.</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
<p align="center">ID tag is on well cap.</p>			
Inspection Date: <u>6/17/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-620

WELL INFORMATION			
Well Number: <u>GW-417</u>	Screen or Open Interval Length: <u>13.3</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>50.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		<u>50.1</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>6</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>6/17/94</u> Inspected By: <u>McMaster</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-619

WELL INFORMATION			
Well Number: <u>GW-418</u>	Screen or Open Interval Length: <u>10.1</u>	ft.	
Site: <u>GBR</u>	Constructed Depth: <u>22.9</u>	ft.	
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>22.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
ID tag is on well cap.			
Inspection Date: <u>6/17/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-631

WELL INFORMATION							
Well Number:	GW-419	Screen or Open Interval Length:	10.0	ft.			
Site:	GBR	Constructed Depth:	50.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?		☒			☒	☐	☐
5. Is a weep located at the base of the protective casing?		☒			☐	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					50.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒			☒	☐	☐
5. Do any obstructions occur within the well?		☒			☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
ID tag is on well cap.							
Inspection Date:		7/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-632

WELL INFORMATION							
Well Number:	GW-420	Screen or Open Interval Length:	9.9	ft.			
Site:	GBR	Constructed Depth:	15.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☒	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					15.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		<u>7/7/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-639

WELL INFORMATION			
Well Number: <u>GW-421</u>	Screen or Open Interval Length: <u>9.9</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>40.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>40.0</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing.</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
Inspection Date: <u>7/7/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-640

WELL INFORMATION						
Well Number: <u>GW-422</u>	Screen or Open Interval Length: <u>3.7</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>9.3</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☐	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☒	☐	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:				9.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing.</u>			☐	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☐	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)						
COMMENTS						
ID tag is on well cap.						
Inspection Date: <u>7/7/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-634

WELL INFORMATION							
Well Number:	GW-423	Screen or Open Interval Length:	9.9	ft.			
Site:	GBR	Constructed Depth:	41.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					41.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☐	☒	☐
		Trees/brush need removal.					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
ID tag is on well cap.							
Inspection Date:		7/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-633

WELL INFORMATION

Well Number: GW-424

Screen or Open Interval Length: 1.0 ft.

Site: GBR

Constructed Depth: 6.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☐

Stainless Steel

☒

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☐☒☒

2. Is the PVC well casing cracked or broken?

☒☐☐

3. Is a protective surface casing installed (PVC well only)?

☒☒☐

4. Is the protective casing corroded, bent, or broken?

☒☐☐

5. Is a weep located at the base of the protective casing?

☒☐☐

6. Is the steel, stainless steel, or PVC well casing loose?

☒☐☐

WELL SECURITY:

1. Does the well have a cap or lid?

☐☒☐

2. Does the well have a waterproof steel / brass lock?

☐☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☐☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☐☒☐

2. Measured depth of well from top of well casing:

6.5

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☐☐

5. Do any obstructions occur within the well?

☒☐☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☐☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain: Trees/brush need removal.

☐☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☐☐

2. Is the well number legible?

☐☒☐

3. Is the well identification number correct?

☐☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☐☐☒

2. Is the pad cracked or deteriorated?

☐☒☒

3. Is the pad sloped to prevent water from ponding around the casing?

☐☐☒

GUARD POSTS:

1. Are the guardposts damaged?

☐☒☒

2. Are the guardposts positioned to prevent collision damage to well?

☐☐☒

3. Are the guardposts of adequate height?

☐☐☒

4. Is the high-traffic yellow paint degraded?

☐☒☒

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Well ID is on cap.

Inspection Date: 7/7/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-635

WELL INFORMATION			
Well Number: <u>GW-425</u>	Screen or Open Interval Length: <u>9.9</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>61.6</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☒	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>61.5</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	NO	YES	N/A
	☒	☒	☐
	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<p align="center">ID tag is on well cap.</p>			
Inspection Date: <u>7/7/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-636

WELL INFORMATION						
Well Number: <u>GW-426</u>	Screen or Open Interval Length: <u>9.9</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>32.8</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☐	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☒	☐	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:			<u>32.8</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☐	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☐	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☐	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☐	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☐	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☐	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
ID tag is on well cap.						
Inspection Date: <u>7/7/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-638

WELL INFORMATION							
Well Number:	GW-427	Screen or Open Interval Length:	9.9	ft.			
Site:	GBR	Constructed Depth:	49.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					49.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
ID tag is on well cap.							
Inspection Date:		7/7/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-637

WELL INFORMATION							
Well Number:	GW-428	Screen or Open Interval Length:	9.9	ft.			
Site:	GBR	Constructed Depth:	15.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					16.2	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	_____					
COMMENTS							
ID tag is on well cap.							
Inspection Date:		7/1/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-616

WELL INFORMATION							
Well Number:	GW-429	Screen or Open Interval Length:	3.6	ft.			
Site:	GBR	Constructed Depth:	7.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?							☒
2. Is the PVC well casing cracked or broken?		☒					
3. Is a protective surface casing installed (PVC well only)?						☒	
4. Is the protective casing corroded, bent, or broken?		☒					
5. Is a weep located at the base of the protective casing?		☒					
6. Is the steel, stainless steel, or PVC well casing loose?		☒					
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:					7.4		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒					
5. Do any obstructions occur within the well?		☒					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒					
2. Is the well number legible?						☒	
3. Is the well identification number correct?						☒	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?							☒
2. Is the pad cracked or deteriorated?							☒
3. Is the pad sloped to prevent water from ponding around the casing?							☒
GUARD POSTS:							
1. Are the guardposts damaged?							☒
2. Are the guardposts positioned to prevent collision damage to well?							☒
3. Are the guardposts of adequate height?							☒
4. Is the high-traffic yellow paint degraded?							☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____			
COMMENTS							
<p align="center">Well ID is on cap.</p>							
Inspection Date:		6/16/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-618

WELL INFORMATION	
Well Number: <u>GW-430</u>	Screen or Open Interval Length: <u>10.0</u> ft.
Site: <u>GBR</u>	Constructed Depth: <u>40.2</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☐	☒	☒
2. Is the PVC well casing cracked or broken?				☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?				☐	☒	☐
4. Is the protective casing corroded, bent, or broken?				☒	☐	☐
5. Is a weep located at the base of the protective casing?				☐	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel / brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:					<u>39.0</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s)

COMMENTS

ID tag is on well cap.

Inspection Date: 6/16/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-650

WELL INFORMATION			
Well Number: <u>GW-431</u>	Screen or Open Interval Length: <u>7.0</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>9.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>10.8</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing; roadwork.</u>	NO	YES	N/A
	☐	☒	☐
	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
<u>ID tag is on well cap.</u>			
Inspection Date: <u>7/8/94</u>		Inspected By: <u>McMaster</u>	

INSPECTION NO.: 94-651

94-77

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-629

WELL INFORMATION			
Well Number: <u>GW-433</u>	Screen or Open Interval Length: <u>unknown</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>unknown</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☒	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>15.5</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing; roadwork.</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
ID tag is on well cap.			
Inspection Date: <u>6/17/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-630

WELL INFORMATION						
Well Number: <u>GW-434</u>	Screen or Open Interval Length: <u>10.1</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>41.2</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☒	☐	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>42.0</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>trees/brush need clearing; roadwork.</u>			☐	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐	☒	
3. Are the guardposts of adequate height?			☒	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
ID tag is on well cap.						
Inspection Date: <u>6/17/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-613

WELL INFORMATION							
Well Number:	GW-435	Screen or Open Interval Length:	5.4	ft.			
Site:	GBR	Constructed Depth:	10.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					10.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☐	☐
		Access road needs clearing/grading.					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☒	☐	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
<p style="text-align: center;">ID tag on well cap.</p>							
Inspection Date:		6/16/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-612

WELL INFORMATION

Well Number: GW-436

Screen or Open Interval Length: 9.4 ft.

Site: GBR

Constructed Depth: 47.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☐

Stainless Steel

☒

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☐☒☒

2. Is the PVC well casing cracked or broken?

☒☐☐

3. Is a protective surface casing installed (PVC well only)?

☒☒☐

4. Is the protective casing corroded, bent, or broken?

☒☐☐

5. Is a weep located at the base of the protective casing?

☒☐☐

6. Is the steel, stainless steel, or PVC well casing loose?

☒☐☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

47.0

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☐☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain: Trees/brush need clearing; roadwork.

☐☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☐☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☐☒

2. Is the pad cracked or deteriorated?

☐☒☒

3. Is the pad sloped to prevent water from ponding around the casing?

☒☐☒

GUARD POSTS:

1. Are the guardposts damaged?

☐☒☒

2. Are the guardposts positioned to prevent collision damage to well?

☐☐☒

3. Are the guardposts of adequate height?

☐☐☒

4. Is the high-traffic yellow paint degraded?

☐☒☒

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

ID tag is on well cap.

Inspection Date: 6/16/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-609

WELL INFORMATION						
Well Number: <u>GW-437</u>	Screen or Open Interval Length: <u>10.1</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>65.1</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☐	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☒	☐	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:			<u>64.8</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☐	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☐	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☐	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☐	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☐	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☐	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
Airlift pump in well, ID tag is on pump.						
Inspection Date: <u>6/16/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-608

WELL INFORMATION							
Well Number: <u>GW-438</u>	Screen or Open Interval Length: <u>9.9</u> ft.						
Site: <u>GBR</u>	Constructed Depth: <u>24.7</u> ft.						
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒		
3. Is a protective surface casing installed (PVC well only)?						☒	
4. Is the protective casing corroded, bent, or broken?					☒		
5. Is a weep located at the base of the protective casing?					☒		
6. Is the steel, stainless steel, or PVC well casing loose?					☒		
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:							
		24.8 ft.					
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %					
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒		
5. Do any obstructions occur within the well?					☒		
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Access road needs work.</u>					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒		
2. Is the well number legible?						☒	
3. Is the well identification number correct?						☒	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?							☒
2. Is the pad cracked or deteriorated?							☒
3. Is the pad sloped to prevent water from ponding around the casing?							☒
GUARD POSTS:							
1. Are the guardposts damaged?							☒
2. Are the guardposts positioned to prevent collision damage to well?							☒
3. Are the guardposts of adequate height?							☒
4. Is the high-traffic yellow paint degraded?							☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Airlift pump is in well, ID tag on well cap.							
Inspection Date: <u>6/16/94</u>		Inspected By: <u>McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-606

WELL INFORMATION							
Well Number:	GW-439	Screen or Open Interval Length:	9.7	ft.			
Site:	GBR	Constructed Depth:	61.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?		☒			☒	☐	☐
5. Is a weep located at the base of the protective casing?		☒			☐	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				61.2	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒			☒	☐	☐
5. Do any obstructions occur within the well?		☒			☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒			☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>							
Inspection Date:		6/15/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-607

WELL INFORMATION						
Well Number: <u>GW-440</u>	Screen or Open Interval Length: <u>9.7</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>28.7</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☐	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☒	☐	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:				28.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☐	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☐	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☐	☒	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☐	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>6/15/94</u> Inspected By: <u>McMaster</u> </div>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-615

WELL INFORMATION			
Well Number:	GW-441	Screen or Open Interval Length:	9.9 ft.
Site:	GBR	Constructed Depth:	54.9 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:		56.0	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
ID tag on well cap.			
Inspection Date: <u>6/16/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-614

WELL INFORMATION							
Well Number:	<u>GW-442</u>	Screen or Open Interval Length:	<u>9.8</u>	ft.			
Site:	<u>GBR</u>	Constructed Depth:	<u>16.1</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:						<u>17.0</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Access is by walking.</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
<u>ID tag on well cap.</u>							
Inspection Date: <u>6/16/94</u>		Inspected By: <u>McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-601

WELL INFORMATION							
Well Number:	GW-443	Screen or Open Interval Length:	10.5	ft.			
Site:	GBR	Constructed Depth:	51.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					50.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>6/15/94</u> Inspected By: <u>McMaster</u> </div>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-602

WELL INFORMATION						
Well Number: <u>GW-445</u>	Screen or Open Interval Length: <u>10.7</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>50.1</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>48.8</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>12</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request no. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>						
Inspection Date: <u>6/15/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-603

WELL INFORMATION			
Well Number:	GW-447	Screen or Open Interval Length:	4.6 ft.
Site:	GBR	Constructed Depth:	10.2 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed (PVC well only)?		☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☐	☒
2. Does the well have a waterproof steel / brass lock?		☐	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☐	☒
2. Measured depth of well from top of well casing:		10.0	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☐	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☐	☒
2. Is the well number legible?		☐	☒
3. Is the well identification number correct?		☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☐	☒
2. Is the pad cracked or deteriorated?		☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☐	☒
2. Are the guardposts positioned to prevent collision damage to well?		☐	☒
3. Are the guardposts of adequate height?		☐	☒
4. Is the high-traffic yellow paint degraded?		☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>6/15/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-604

WELL INFORMATION							
Well Number:	<u>GW-448</u>	Screen or Open Interval Length:	<u>10.3</u>	ft.			
Site:	<u>GBR</u>	Constructed Depth:	<u>45.9</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					<u>45.8</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Roadwork needed for access.</u>					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☒	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994			
COMMENTS							
Inspection Date: <u>6/15/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-610

WELL INFORMATION							
Well Number:	GW-449	Screen or Open Interval Length:	4.5	ft.			
Site:	GBR	Constructed Depth:	13.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☐	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					12.8	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					40	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing; roadwork.</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
ID tag is on cap.							
Inspection Date:		6/16/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-611

WELL INFORMATION							
Well Number:	GW-450	Screen or Open Interval Length:	9.9	ft.			
Site:	GBR	Constructed Depth:	57.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				57.4	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					NO	YES	N/A
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☐	☒	☐
Trees/brush need clearing; roadwork.					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____			
COMMENTS							
ID tag on well cap.							
Inspection Date: 6/16/94		Inspected By: McMaster					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-594

WELL INFORMATION							
Well Number:	GW-451	Screen or Open Interval Length:	33.0	ft.			
Site:	GBR	Constructed Depth:	302.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒	☐	
2. Is the PVC well casing cracked or broken?					☒	☐	
3. Is a protective surface casing installed (PVC well only)?					☒	☐	
4. Is the protective casing corroded, bent, or broken?					☒	☐	
5. Is a weep located at the base of the protective casing?					☒	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒		☒	☐	
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	
2. Does the well have a waterproof steel / brass lock?					☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	
2. Measured depth of well from top of well casing:				No msmt.	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	
5. Do any obstructions occur within the well?					☒	☐	
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		Trees/brush need clearing.			☒	☐	
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒		☐	☐	
2. Is the well number legible?					☒	☐	
3. Is the well identification number correct?					☒	☐	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	
2. Is the pad cracked or deteriorated?					☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	
3. Are the guardposts of adequate height?					☒	☐	
4. Is the high-traffic yellow paint degraded?					☒	☐	
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Well has submersible pump installed; no access downhole without workover rig. No measurement made.							
Inspection Date:		6/14/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-597

WELL INFORMATION			
Well Number: <u>GW-452</u>	Screen or Open Interval Length: <u>9.6</u>	ft.	
Site: <u>GBR</u>	Constructed Depth: <u>20.7</u>	ft.	
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>20.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ ID tag on well cap.			

Inspection Date: <u>6/15/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-652

WELL INFORMATION							
Well Number:	GW-453	Screen or Open Interval Length:	20.0	ft.			
Site:	GBR	Constructed Depth:	758.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:		No measurement ft.					
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %					
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☒
5. Do any obstructions occur within the well?					☒	☐	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		Trees/brush need clearing; roadwork.					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☒	☐	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
1" PVC casing; no measurement possible.							
Inspection Date:		7/8/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-657

WELL INFORMATION							
Well Number:	GW-463	Screen or Open Interval Length:	10.0	ft.			
Site:	GBR	Constructed Depth:	57.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					57.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well needs new locking cap and lock. Well ID on casing.							
Inspection Date: 7/12/94		Inspected By: McMaster					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-655

WELL INFORMATION							
Well Number:	GW-464	Screen or Open Interval Length:	10.0	ft.			
Site:	GBR	Constructed Depth:	23.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☒	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					23.6	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:					☐	☒	☐
		brush needs clearing					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Well needs new locking cap and lock. Well ID on casing.							
Inspection Date:		7/8/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-656

WELL INFORMATION						
Well Number: <u>GW-465</u>	Screen or Open Interval Length: <u>11.1</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>43.1</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☐	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☐	☒	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>42.1</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>8</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>brush needs clearing.</u>			☐	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐	☒	
3. Are the guardposts of adequate height?			☒	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
Well needs new locking cap and lock. Well ID on casing.						
Inspection Date: <u>7/8/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-653

WELL INFORMATION							
Well Number:	GW-466	Screen or Open Interval Length:	10.0	ft.			
Site:	GBR	Constructed Depth:	43.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					44.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: brush needs clearing.					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Well needs new locking cap and lock. Well ID on casing.							
Inspection Date:		7/8/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-654

WELL INFORMATION

Well Number: GW-467 Screen or Open Interval Length: 20.0 ft.
 Site: GBR Constructed Depth: 61.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☐	☒	☒
2. Is the PVC well casing cracked or broken?				☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?				☒	☒	☐
4. Is the protective casing corroded, bent, or broken?				☒	☐	☐
5. Is a weep located at the base of the protective casing?				☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☐	☒	☒
5. Do any obstructions occur within the well?				☐	☒	☒

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>brush needs clearing</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994
☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

ID tag is on well cap.

Inspection Date: 7/8/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-658

WELL INFORMATION							
Well Number:	GW-468	Screen or Open Interval Length:	473.5	ft.			
Site:	GBR	Constructed Depth:	503.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					503.0	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
ID tag is on well cap.							
Inspection Date:		7/12/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-644

WELL INFORMATION

Well Number: GW-469

Site: GBR

Screen or Open Interval Length: unknown ft.

Constructed Depth: 470.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☐

Stainless Steel

☒

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☐☒☒

2. Is the PVC well casing cracked or broken?

☒☐☐

3. Is a protective surface casing installed (PVC well only)?

☒☒☐

4. Is the protective casing corroded, bent, or broken?

☒☒☐

5. Is a weep located at the base of the protective casing?

☒☒☐

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

No measurement ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☐☒☒

5. Do any obstructions occur within the well?

☐☒☒

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain:

☒☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☐☒

2. Is the pad cracked or deteriorated?

☐☒☒

3. Is the pad sloped to prevent water from ponding around the casing?

☒☐☒

GUARD POSTS:

1. Are the guardposts damaged?

☐☒☒

2. Are the guardposts positioned to prevent collision damage to well?

☒☐☒

3. Are the guardposts of adequate height?

☒☐☒

4. Is the high-traffic yellow paint degraded?

☐☒☒

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Submersible pump installed; could not remove, no measurement.

Inspection Date: 7/8/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-641

WELL INFORMATION			
Well Number: <u>GW-470</u>	Screen or Open Interval Length: <u>23.1</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>268.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	_____ %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Trees/brush need clearing.</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well has submersible pump installed; not removed, no measurement. ID tag is on well cap.			
Inspection Date: <u>7/7/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-600

WELL INFORMATION							
Well Number:	GW-472	Screen or Open Interval Length:	20.0	ft.			
Site:	GBR	Constructed Depth:	312.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☒
2. Does the well have a waterproof steel / brass lock?					☒	☐	☒
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					No msmt.		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Submersible pump in well, no downhole access. No measurement. ID is on well cap.							
Inspection Date:		6/15/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-536

WELL INFORMATION			
Well Number: <u>GW-505</u>	Screen or Open Interval Length: <u>10.4</u> ft.		
Site: <u>R G</u>	Constructed Depth: <u>15.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		<u>16.3</u>	<u>ft.</u>
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u>	<u>%</u>
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div></div>			
Inspection Date: <u>12/21/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-563

WELL INFORMATION						
Well Number: <u>GW-508</u>	Screen or Open Interval Length: <u>10.3</u> ft.					
Site: <u>RG</u>	Constructed Depth: <u>15.4</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>14.7</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>7</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
<u>Bailer in well, removed for measurement. Product in well.</u>						
Inspection Date: <u>11/18/94</u> Inspected By: <u>McMaster</u>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-125

WELL INFORMATION						
Well Number:	GW-520		Screen or Open Interval Length:	10.3	ft.	
Site:	OL		Constructed Depth:	82.3	ft.	
PRIMARY INSPECTION ITEMS:						
WELL CASINGS:			☐ Steel	☒ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:				82.9	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length				--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☐	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guard posts damaged?			☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☒	☐	
3. Are the guardposts of adequate height?			☒	☒	☐	
4. Is the high-traffic yellow paint degraded?			☒	☒	☐	
WELL MAINTENANCE REQUEST						
Complete only if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			94-065S
COMMENTS						
Pad needs replacement.						
Inspection Date: 7/28/94						
Inspected By: McMaster						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-473

WELL INFORMATION							
Well Number:	GW-526	Screen or Open Interval Length:	22.0	ft.			
Site:	S 3	Constructed Depth:	125.1	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☐	☐	☒	☐	☐
2. Is the PVC well casing cracked or broken?		☐	☐	☐	☐	☒	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☐	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?		☐	☐	☐	☐	☒	☐
5. Is a weep located at the base of the protective casing?		☐	☐	☐	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐	☐	☐	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?		☐	☐	☐	☒	☐	☐
2. Does the well have a waterproof steel/brass lock?		☐	☐	☐	☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☐	☐	☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☐	☐	☐	☒	☐	☐
2. Measured depth of well from top of well casing:					124.7	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐	☐	☐	☐	☐
5. Do any obstructions occur within the well?		☒	☐	☐	☐	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☐	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____		☒	☐	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☐	☒	☐			
2. Is the well number legible?		☐	☒	☐			
3. Is the well identification number correct?		☐	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☐	☒	☐			
2. Is the pad cracked or deteriorated?		☒	☐	☐			
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☒	☐			
GUARD POSTS:							
1. Are the guard posts damaged?		☒	☐	☐			
2. Are the guardposts positioned to prevent collision damage to well?		☐	☒	☐			
3. Are the guardposts of adequate height?		☐	☒	☐			
4. Is the high-traffic yellow paint degraded?		☒	☐	☐			
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		12/6/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-168

WELL INFORMATION			
Well Number:	GW-531	Screen or Open Interval Length:	15.7 ft.
Site:	LDS	Constructed Depth:	40.6 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	41.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: 8/8/94		Inspected By: McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-167

WELL INFORMATION

Well Number: GW-532

Screen or Open Interval Length: 15.7 ft.

Site: LDS

Constructed Depth: 31.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:

☐

Steel

☒

Stainless Steel

☐

PVC

NO

YES

N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?

☒☒☐

2. Is the PVC well casing cracked or broken?

☐☒☒

3. Is a protective surface casing installed (PVC well only)?

☒☐☒

4. Is the protective casing corroded, bent, or broken?

☐☒☒

5. Is a weep located at the base of the protective casing?

☒☐☒

6. Is the steel, stainless steel, or PVC well casing loose?

☒☒☐

WELL SECURITY:

1. Does the well have a cap or lid?

☒☒☐

2. Does the well have a waterproof steel / brass lock?

☒☒☐

3. Are the hasps firmly welded to well cap and / or metal casing?

☒☒☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?

☒☒☐

2. Measured depth of well from top of well casing:

31.8

ft.

3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length

--

%

4. Is this value > 0.2 (represents % of screen or open - hole interval)?

☒☒☐

5. Do any obstructions occur within the well?

☒☒☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

1. Does the access road require grading or additional gravel?

☒☒☐

2. Do any obstructions (locked gates, fallen trees, etc.)

access to well? Explain: Trash and scrap in way of access to well.

☐☒☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?

☒☒☐

2. Is the well number legible?

☒☒☐

3. Is the well identification number correct?

☒☒☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?

☒☒☐

2. Is the pad cracked or deteriorated?

☒☒☐

3. Is the pad sloped to prevent water from ponding around the casing?

☒☒☐

GUARD POSTS:

1. Are the guardposts damaged?

☒☒☐

2. Are the guardposts positioned to prevent collision damage to well?

☒☒☐

3. Are the guardposts of adequate height?

☒☒☐

4. Is the high-traffic yellow paint degraded?

☒☒☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

Request nos. for maintenance performed on this well in 1994

☐

Primary Item(s)

☐

Secondary Item(s)

COMMENTS

Inspection Date: 8/8/94

Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-169

WELL INFORMATION							
Well Number:	GW-533	Screen or Open Interval Length:	10.4	ft.			
Site:	LDS	Constructed Depth:	32.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					32.8	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		8/8/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-170

WELL INFORMATION							
Well Number:	GW-534	Screen or Open Interval Length:	15.1	ft.			
Site:	LDS	Constructed Depth:	49.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:						60.3	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well is 10.7 ft. deeper than listed constructed depth; probably extended due to earlier fill activity.							

Inspection Date:		8/8/94		Inspected By:		McMaster/Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-172

WELL INFORMATION			
Well Number:	<u>GW-535</u>	Screen or Open Interval Length:	<u>15.8</u> ft.
Site:	<u>LDS</u>	Constructed Depth:	<u>23.0</u> ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>27.4</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Well is 4.4 ft. deeper than listed constructed depth.</u>			
Inspection Date: <u>8/8/94</u> Inspected By: <u>McMaster/Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-171

WELL INFORMATION

Well Number: GW-538 Screen or Open Interval Length: 15.0 ft.
 Site: LDS Constructed Depth: 44.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☐	☒
5. Is a weep located at the base of the protective casing?				☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel / brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:					<u>45.4</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☐	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994
☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Inspection Date: 8/8/94

Inspected By: McMaster/Sitzler

WELL INFORMATION									
Well Number: <u>GW-545</u>		Screen or Open Interval Length: <u>10.3</u> ft.							
Site: <u>SL II EXP</u>		Constructed Depth: <u>69.6</u> ft.							
PRIMARY INSPECTION ITEMS:									
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐		
2. Is the PVC well casing cracked or broken?					☐	☒	☒		
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒		
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒		
5. Is a weep located at the base of the protective casing?					☐	☒	☒		
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐		
WELL SECURITY:									
1. Does the well have a cap or lid?					☒	☒	☐		
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐		
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐		
DOWNHOLE CONDITION:									
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐		
2. Measured depth of well from top of well casing:					<u>69.9</u>		ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>		%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐		
5. Do any obstructions occur within the well?					☒	☒	☐		
SECONDARY INSPECTION ITEMS									
WELL ACCESS:					NO	YES	N/A		
1. Does the access road require grading or additional gravel?					☒	☒	☐		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐		
WELL IDENTIFICATION:									
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐		
2. Is the well number legible?					☒	☒	☐		
3. Is the well identification number correct?					☒	☒	☐		
CONCRETE PAD:									
1. Is a concrete pad installed (active wells only)?					☒	☒	☐		
2. Is the pad cracked or deteriorated?					☒	☒	☐		
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐		
GUARD POSTS:									
1. Are the guardposts damaged?					☒	☒	☐		
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐		
3. Are the guardposts of adequate height?					☒	☒	☐		
4. Is the high-traffic yellow paint degraded?					☒	☒	☐		
WELL MAINTENANCE REQUEST									
Complete if any of the above shaded yes/no boxes are checked.					Request nos. for maintenance performed on this well in 1994				
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-024S</u>					
COMMENTS									
Inspection Date: <u>9/23/94</u>					Inspected By: <u>McMaster</u>				

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-312

WELL INFORMATION							
Well Number:	<u>GW-552</u>	Screen or Open Interval Length:	<u>26.5</u>	ft.			
Site:	<u>SPAD</u>	Constructed Depth:	<u>230.9</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☐
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☐	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				No msmt.	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☐	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐	☐			
2. Is the well number legible?		☒	☐	☐	☒		
3. Is the well identification number correct?		☒	☐	☐	☒		
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☒	☐			
2. Is the pad cracked or deteriorated?		☒	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐			
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐			
3. Are the guardposts of adequate height?		☒	☒	☐			
4. Is the high-traffic yellow paint degraded?		☒	☒	☐			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>1.5" steel casing with air line installed. No measurement made.</u>							
Inspection Date:		<u>10/25/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-306

WELL INFORMATION							
Well Number:	GW-554	Screen or Open Interval Length:	33.5	ft.			
Site:	SPAD	Constructed Depth:	308.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☐	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					No msmt.	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☐	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☒
3. Is the well identification number correct?					☒	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____			
COMMENTS							
1.5" steel casing with air line installed. No msmt. made. Needs ID tag.							
Inspection Date:		10/25/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-310

WELL INFORMATION	
Well Number: <u>GW-555</u>	Screen or Open Interval Length: <u>39.4</u> ft.
Site: <u>SPAD</u>	Constructed Depth: <u>316.9</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☐	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☐
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☐
4. Is the protective casing corroded, bent, or broken?				☐	☒	☐
5. Is a weep located at the base of the protective casing?				☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?				☐	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☐	☐
2. Does the well have a waterproof steel / brass lock?				☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☐	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☐	☐
2. Measured depth of well from top of well casing:				See comments ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☐	☒	☐
5. Do any obstructions occur within the well?				☐	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☒
3. Is the well identification number correct?	☒	☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Well is 1.5" steel casing with air line installed. No measurement made.

Inspection Date: 10/25/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-470

WELL INFORMATION			
Well Number: <u>GW-558</u>	Screen or Open Interval Length: <u>15.0</u> ft.		
Site: <u>SPAD</u>	Constructed Depth: <u>85.2</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>88.5</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	NO YES N/A		
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Access could use some improvement, no protective posts.</u>			
Inspection Date: <u>12/6/94</u> Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-320

WELL INFORMATION							
Well Number:	GW-559	Screen or Open Interval Length:	20.0	ft.			
Size:	SPAD	Constructed Depth:	190.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☒	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					170.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					100	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐	☐			
2. Is the well number legible?		☒	☒	☐			
3. Is the well identification number correct?		☒	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☒	☐			
2. Is the pad cracked or deteriorated?		☒	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐			
GUARD POSTS:							
1. Are the guardposts damaged?		☐	☒	☒			
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐	☒			
3. Are the guardposts of adequate height?		☒	☐	☒			
4. Is the high-traffic yellow paint degraded?		☐	☒	☒			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well needs redevelopment, may also be obstructed. Needs posts installed and ID tag.							
Inspection Date:		10/25/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-305

WELL INFORMATION							
Well Number:	<u>GW-563</u>	Screen or Open Interval Length:	<u>30.0</u>	ft.			
Site:	<u>SPAD</u>	Constructed Depth:	<u>97.1</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					No msmt.		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>No msmt. made due to submersible pump in well. Needs ID tag.</u> _____ _____							
Inspection Date:		<u>10/25/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-311

WELL INFORMATION							
Well Number:	<u>GW-567</u>	Screen or Open Interval Length:	<u>20.0</u>	ft.			
Site:	<u>SPAD</u>	Constructed Depth:	<u>80.7</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☒	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>82.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☒
3. Is the well identification number correct?					☒	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ Well needs ID tag. _____ _____							
Inspection Date:		<u>10/25/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-313

WELL INFORMATION			
Well Number:	GW-569	Screen or Open Interval Length:	22.8 ft.
Site:	SPAD	Constructed Depth:	117.9 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☒
2. Does the well have a waterproof steel / brass lock?		☒	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☒
2. Measured depth of well from top of well casing:		112.7	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		23	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS: NO YES N/A			
1. Does the access road require grading or additional gravel?		☐	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☐	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☐	☒
4. Is the high-traffic yellow paint degraded?		☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)	
COMMENTS			
2" stainless casing with water-tight locking cap. Id is on well casing.			
Inspection Date: 10/25/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-308

WELL INFORMATION							
Well Number:	<u>GW-576</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>SPAD</u>	Constructed Depth:	<u>61.2</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒		
2. Is the PVC well casing cracked or broken?							☒
3. Is a protective surface casing installed (PVC well only)?							☒
4. Is the protective casing corroded, bent, or broken?							☒
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒					
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:						<u>60.1</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						<u>9</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒					
5. Do any obstructions occur within the well?		☒					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒				
2. Is the well number legible?						☒	
3. Is the well identification number correct?						☒	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?						☒	
2. Is the pad cracked or deteriorated?		☒					
3. Is the pad sloped to prevent water from ponding around the casing?						☒	
GUARD POSTS:							
1. Are the guardposts damaged?		☒					
2. Are the guardposts positioned to prevent collision damage to well?						☒	
3. Are the guardposts of adequate height?						☒	
4. Is the high-traffic yellow paint degraded?		☒					
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>2" stainless casing with air lift pump installed. Well ID on casing.</u>							
Inspection Date: <u>10/25/94</u>		Inspected By: <u>McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-193

WELL INFORMATION							
Well Number:	<u>GW-601</u>	Screen or Open Interval Length:	<u>37.5</u>	ft.			
Site:	<u>OL</u>	Constructed Depth:	<u>359.1</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:						<u>358.6</u>	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length						<u>< 5</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☒ Secondary Item(s)		<u>94-026S, 94-036S</u>			
COMMENTS							
<u>Posts need paint.</u>							
Inspection Date:		<u>8/15/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-534

WELL INFORMATION							
Well Number:	GW-602	Screen or Open Interval Length:	11.8	ft.			
Site:	O L	Constructed Depth:	214.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel/brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					211.2	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					See comments	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☐	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐			
2. Is the well number legible?		☒	☒	☐			
3. Is the well identification number correct?		☒	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☒	☐			
2. Is the pad cracked or deteriorated?		☒	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐			
GUARD POSTS:							
1. Are the guard posts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐			
3. Are the guardposts of adequate height?		☒	☒	☐			
4. Is the high-traffic yellow paint degraded?		☒	☒	☐			
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Measurement is ok, depth discrepancy has remained the same for 3 years, no evidence of sediment accumulation. Access to this well needs improvement before sampling again.							
Inspection Date:		12/21/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-360

WELL INFORMATION							
Well Number:	GW-612	Screen or Open Interval Length:	19.0	ft.			
Site:	CRSP	Constructed Depth:	256.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☐	☐	☒	☐	☐
2. Is the PVC well casing cracked or broken?		☐	☐	☐	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?		☐	☐	☐	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☐	☐	☐	☐	☒
5. Is a weep located at the base of the protective casing?		☐	☐	☐	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?		☒	☐	☐	☐	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?		☐	☐	☐	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?		☐	☐	☐	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☐	☐	☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☐	☐	☐	☐	☒	☐
2. Measured depth of well from top of well casing:						256.2	ft.
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length						--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐	☐	☐	☐	☐
5. Do any obstructions occur within the well?		☒	☐	☐	☐	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☐	☐	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____		☒	☐	☐	☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☐	☐	☐	☐	☒	☐
2. Is the well number legible?		☐	☐	☐	☐	☒	☐
3. Is the well identification number correct?		☐	☐	☐	☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☐	☐	☐	☐	☒	☐
2. Is the pad cracked or deteriorated?		☒	☐	☐	☐	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☐	☐	☐	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?		☒	☐	☐	☐	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?		☐	☐	☐	☐	☒	☐
3. Are the guardposts of adequate height?		☐	☐	☐	☐	☒	☐
4. Is the high-traffic yellow paint degraded?		☐	☐	☐	☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☒ Secondary Item(s)		94-061S			
COMMENTS							
Posts need paint.							
Inspection Date:		11/1/94		Inspected By:		McMaster/Jones	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-477

WELL INFORMATION							
Well Number:	GW-615	Screen or Open Interval Length:	22.5	ft.			
Site:	S3	Constructed Depth:	247.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel/brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					247.4	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date:		<u>12/6/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-535

WELL INFORMATION							
Well Number:	GW-616	Screen or Open Interval Length:	50.0	ft.			
Site:	S3	Constructed Depth:	271.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					270.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
This well is enclosed by equipment and miscellaneous items of MKF. Check at shack for entrance.							
Inspection Date:		12/21/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-180

WELL INFORMATION							
Well Number:	GW-622	Screen or Open Interval Length:	10.1	ft.			
Site:	B G	Constructed Depth:	21.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC.	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					16.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					> 50 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☐	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well needs redevelopment before monitoring again. Posts need painting.							
Inspection Date:		8/9/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-181

WELL INFORMATION			
Well Number:	<u>GW-623</u>	Screen or Open Interval Length:	<u>30.2</u> ft.
Site:	<u>B G</u>	Constructed Depth:	<u>277.4</u> ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		<u>277.8</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Posts need painting.</u>			
Inspection Date: <u>8/9/94</u> Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-084

WELL INFORMATION			
Well Number: <u>GW-624</u>	Screen or Open Interval Length: <u>10.3</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>29.6</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☐	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>30.8</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Paint posts.</u> _____ _____			
Inspection Date: <u>7/19/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-403

WELL INFORMATION							
Well Number:	<u>GW-625</u>	Screen or Open Interval Length:	<u>51.5</u>	ft.			
Site:	<u>B G</u>	Constructed Depth:	<u>284.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☒
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☒
2. Measured depth of well from top of well casing:					No meas.		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					See comments		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:		NO	YES	N/A			
1. Does the access road require grading or additional gravel?		☒	☒	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐			
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐			
2. Is the well number legible?		☒	☒	☐			
3. Is the well identification number correct?		☒	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☒	☒	☐			
2. Is the pad cracked or deteriorated?		☒	☒	☐			
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐			
GUARD POSTS:							
1. Are the guardposts damaged?		☒	☒	☐			
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐			
3. Are the guardposts of adequate height?		☒	☒	☐			
4. Is the high-traffic yellow paint degraded?		☒	☒	☐			
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>PCB well with shut in valve installed. No access downhole, no measurement.</u> _____ _____							
Inspection Date:		<u>11/8/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-078

WELL INFORMATION							
Well Number:	GW-626	Screen or Open Interval Length:	10.0	ft.			
Site:	B G	Constructed Depth:	80.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☒	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					80.9	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☒
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Paint posts.							

Inspection Date:		7/19/94		Inspected By:		B. McMaster	

WELL INFORMATION				
Well Number:	GW-628	Screen or Open Interval Length:	52.2 ft.	
Site:	B G	Constructed Depth:	290.7 ft.	
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?		☐	☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐	☒
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒	☒
5. Do any obstructions occur within the well?		☐	☒	☒
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐
GUARD POSTS:				
1. Are the guardposts damaged?		☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐
3. Are the guardposts of adequate height?		☒	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☒	☐
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)			
COMMENTS				
GW-628 is a PCB well with shut-in valve on 7" casing. No access downhole.				
Inspection Date: 11/7/94		Inspected By: McMaster		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-083

WELL INFORMATION			
Well Number: <u>GW-629</u>	Screen or Open Interval Length: <u>49.7</u>	ft.	
Site: <u>B G</u>	Constructed Depth: <u>314.7</u>	ft.	
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☒
4. Is the protective casing corroded, bent, or broken?	☒	☐	☒
5. Is a weep located at the base of the protective casing?	☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☐	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>314.7</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Posts need painting. Replaced lock.</u> _____ _____			
Inspection Date: <u>7/19/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-173

WELL INFORMATION			
Well Number: <u>GW-630</u>	Screen or Open Interval Length: <u>10.7</u> ft.		
Site: <u>LDS</u>	Constructed Depth: <u>30.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:	☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☒
2. Does the well have a waterproof steel / brass lock?		☒	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☒
2. Measured depth of well from top of well casing:		<u>31.0</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒
5. Do any obstructions occur within the well?		☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☒
3. Is the well identification number correct?		☒	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☒	☒
4. Is the high-traffic yellow paint degraded?		☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>8/8/94</u> Inspected By: <u>McMaster/Sitzler</u> </div>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-118

WELL INFORMATION							
Well Number:	<u>GW-636</u>	Screen or Open Interval Length:	<u>18.5</u>	ft.			
Site:	<u>O L</u>	Constructed Depth:	<u>120.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☐	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☐	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					<u>120.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="text-align: center;">Paint posts.</div> <hr/>							
Inspection Date:		<u>7/28/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-120

WELL INFORMATION				
Well Number:	GW-638	Screen or Open Interval Length:	5.0 ft.	
Site:	O L	Constructed Depth:	14.8 ft.	
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		15.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐
GUARD POSTS:				
1. Are the guardposts damaged?		☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐
3. Are the guardposts of adequate height?		☒	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☒	☐
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	_____		
COMMENTS				
_____ Paint posts. _____ _____ _____				
Inspection Date: <u>7/28/94</u>		Inspected By: <u>McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-131

WELL INFORMATION

Well Number: GW-639 Screen or Open Interval Length: 30.0 ft.
 Site: B G Constructed Depth: 128.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☒	☒
4. Is the protective casing corroded, bent, or broken?				☒	☐	☒
5. Is a weep located at the base of the protective casing?				☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐

WELL SECURITY:

1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>129.7</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐

GUARD POSTS:

1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994
☐ Primary Item(s) ☐ Secondary Item(s) 94-036S

COMMENTS

Inspection Date: 8/4/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-132

WELL INFORMATION				
Well Number:	GW-640	Screen or Open Interval Length:	11.1 ft.	
Site:	B G	Constructed Depth:	49.9 ft.	
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		49.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐
GUARD POSTS:				
1. Are the guardposts damaged?		☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐
3. Are the guardposts of adequate height?		☒	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☒	☐
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	94-036S		
COMMENTS				
<div style="border: 1px solid black; width: 100%; height: 100%;"></div>				
Inspection Date: 8/4/94		Inspected By: McMaster		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-133

WELL INFORMATION							
Well Number:	GW-641	Screen or Open Interval Length:	10.4	ft.			
Site:	B G	Constructed Depth:	26.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☐	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					26.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.					Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-036S</u>					
COMMENTS							
Inspection Date:		<u>8/4/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-202

WELL INFORMATION			
Well Number: <u>GW-643</u>	Screen or Open Interval Length: <u>10.6</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>30.6</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>31.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ _____ _____			
Inspection Date: <u>8/18/94</u>		Inspected By: <u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-135

WELL INFORMATION							
Well Number:	GW-644	Screen or Open Interval Length:	10.3	ft.			
Site:	B G	Constructed Depth:	26.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					26.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☐	☒
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Inspection Date: <u>8/4/94</u>		Inspected By: <u>McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-126

WELL INFORMATION			
Well Number: <u>GW-645</u>	Screen or Open Interval Length: <u>21.3</u> ft.		
Site: <u>O L</u>	Constructed Depth: <u>82.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>83.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ Well access needs work before well is monitored again. _____ _____			
Inspection Date: <u>7/28/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-194

WELL INFORMATION							
Well Number:	GW-646	Screen or Open Interval Length:	11.1	ft.			
Site:	O L	Constructed Depth:	78.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☐	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:						78.1	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						< 5	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-038S</u>			
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>8/15/94</u> Inspected By: <u>McMaster</u> </div>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-143

WELL INFORMATION																								
Well Number: <u>GW-647</u>	Screen or Open Interval Length: <u>10.0</u> ft.																							
Site: <u>O L</u>	Constructed Depth: <u>94.1</u> ft.																							
PRIMARY INSPECTION ITEMS:																								
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	<table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☐</td><td>☒</td><td>☒</td></tr> <tr><td>☒</td><td>☐</td><td>☒</td></tr> <tr><td>☐</td><td>☒</td><td>☒</td></tr> <tr><td>☒</td><td>☐</td><td>☒</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	NO	YES	N/A	☒	☒	☐	☐	☒	☒	☒	☐	☒	☐	☒	☒	☒	☐	☒	☒	☒	☐		
NO	YES	N/A																						
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1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?																								
WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel / brass lock? 3. Are the hasps firmly welded to well cap and / or metal casing?	<table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	NO	YES	N/A	☒	☒	☐	☒	☒	☐	☒	☒	☐											
NO	YES	N/A																						
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DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well?	<table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td></td><td><u>91.9</u></td><td>ft.</td></tr> <tr><td></td><td><u>See comments</u></td><td>%</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	NO	YES	N/A	☒	☒	☐		<u>91.9</u>	ft.		<u>See comments</u>	%	☒	☒	☐	☒	☒	☐					
NO	YES	N/A																						
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	<u>91.9</u>	ft.																						
	<u>See comments</u>	%																						
☒	☒	☐																						
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SECONDARY INSPECTION ITEMS																								
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	NO	YES	N/A	☒	☒	☐	☒	☒	☐														
NO	YES	N/A																						
☒	☒	☐																						
☒	☒	☐																						
WELL IDENTIFICATION: 1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	<table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	NO	YES	N/A	☒	☒	☐	☒	☒	☐	☒	☒	☐											
NO	YES	N/A																						
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☒	☒	☐																						
CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?	<table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	NO	YES	N/A	☒	☒	☐	☒	☒	☐	☒	☒	☐											
NO	YES	N/A																						
☒	☒	☐																						
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☒	☒	☐																						
GUARD POSTS: 1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?	<table border="1" style="width:100%; text-align: center;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>	NO	YES	N/A	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐								
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WELL MAINTENANCE REQUEST																								
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994																						
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-038S</u>																						
COMMENTS																								
<u>Well needs no rehabilitation; refer to earlier inspections.</u>																								
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>8/4/94</u> Inspected By: <u>McMaster/Sitzler</u> </div>																								

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-153

WELL INFORMATION							
Well Number:	<u>GW-648</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>RS</u>	Constructed Depth:	<u>82.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					<u>82.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-038S</u>					
COMMENTS							
<u>Access needs clearing work (brush, weeds).</u>							
Inspection Date:		<u>8/4/94</u>	Inspected By:		<u>McMaster/Sitzler</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-188

WELL INFORMATION							
Well Number:	GW-649	Screen or Open Interval Length:	10.4	ft.			
Site:	S 3	Constructed Depth:	23.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					23.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ Posts need painting. _____							

Inspection Date: <u>8/10/94</u>		Inspected By: <u>McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-082

WELL INFORMATION

Well Number: GW-651 Screen or Open Interval Length: 10.0 ft.
 Site: B G Constructed Depth: 55.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☐	☒
4. Is the protective casing corroded, bent, or broken?				☐	☐	☒
5. Is a weep located at the base of the protective casing?				☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☐	☒	☐
2. Does the well have a waterproof steel / brass lock?				☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☐	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☐	☒	☐
2. Measured depth of well from top of well casing:				<u>54.5</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>< 5</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☐	☐
5. Do any obstructions occur within the well?				☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994
☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Access needs regrading; posts need painting.

Inspection Date: 7/19/94 Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-582

WELL INFORMATION			
Well Number: <u>GW-655</u>	Screen or Open Interval Length: <u>15.9</u> ft.		
Site: <u>B G</u>	Constructed Depth: <u>68.2</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>67.8</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>See comments for GW-344</u>	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-007S</u>	
COMMENTS			
<u>See comments for GW-344.</u>			
Inspection Date: <u>11/22/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-583

WELL INFORMATION	Well Number: <u>GW-658</u>	Screen or Open Interval Length: <u>10.0</u> ft.
	Site: <u>FF</u>	Constructed Depth: <u>21.6</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?				☐	☒	☒
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☐	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>19.7</u>	<u>ft.</u>	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>19</u>	<u>%</u>	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Inspection Date: 11/22/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-001

WELL INFORMATION							
Well Number:	GW-660	Screen or Open Interval Length:	2.4	ft.			
Site:	LEPPC	Constructed Depth:	14.9	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					14.8	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☒
3. Are the guardposts of adequate height?					☐	☒	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ Replaced lock with standard GWPP lock; well needs protective posts installed. _____ _____ _____							
Inspection Date:		5/5/94		Inspected By:		B. McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-010

WELL INFORMATION						
Well Number: <u>GW-661</u>	Screen or Open Interval Length: <u>2.3</u> ft.					
Site: <u>LEFPC</u>	Constructed Depth: <u>10.0</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☐	☒	
3. Is a protective surface casing installed (PVC well only)?			☐	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☐	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☐	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☐	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:			<u>9.5</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>22</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☐	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☐	☒	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☐	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☐	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☐	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☐	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			_____
COMMENTS						
<u>Well needs access improvement; posts installed and needs rehab. work.</u> _____ _____						
Inspection Date: <u>5/11/94</u>			Inspected By: <u>B. McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-002

WELL INFORMATION			
Well Number: <u>GW-662</u>	Screen or Open Interval Length: <u>5.0</u> ft.		
Site: <u>LEFPC</u>	Constructed Depth: <u>21.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>23.5</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☐	☒
3. Is the well identification number correct?	☐	☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994 _____	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
<u>Installed standard lock; stainless (2") needs a protective casing; also needs protective posts; extra 2'ft. stickup welded onto existing stickup is bent.</u>			
Inspection Date: <u>5/5/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-004

WELL INFORMATION						
Well Number: <u>GW-663</u>	Screen or Open Interval Length: <u>1.0</u> ft.					
Site: <u>LEFPC</u>	Constructed Depth: <u>7.2</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☐	☒	
3. Is a protective surface casing installed (PVC well only)?			☒	☐	☒	
4. Is the protective casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>6.4</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>80</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☒	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?			☒	☒	☐	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☒	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☒	☐	☒	
3. Are the guardposts of adequate height?			☒	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☒	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)			☐ Secondary Item(s)			
COMMENTS						
<u>Well needs access improved; needs posts; soft tag for measurement and needs rehab. work.</u>						
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>5/5/94</u> Inspected By: <u>B. McMaster</u> </div>						

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-036

WELL INFORMATION							
Well Number:	GW-664	Screen or Open Interval Length:	0.9	ft.			
Site:	LEFPC	Constructed Depth:	9.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					approx. 9.5 * ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
* 1.5 ft. extension to stickup screws off at ground level inside protective casing; msmt. is not considered good because cannot see or reach to TOC. Well needs access improved.							
Inspection Date:		5/11/94		Inspected By:		B. McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-003

WELL INFORMATION							
Well Number:	<u>GW-665</u>	Screen or Open Interval Length:	<u>9.7</u>	ft.			
Site:	<u>LEFPC</u>	Constructed Depth:	<u>33.7</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					<u>34.2</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☐	☒
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☐	☐	☒
3. Is the well identification number correct?					☐	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☐	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Well site needs clean up (weeds); installed new lock; needs ID tag and posts.</u> _____ _____							
Inspection Date: <u>5/5/94</u>		Inspected By: <u>B. McMaster</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-006

WELL INFORMATION							
Well Number:	<u>GW-666</u>	Screen or Open Interval Length:	<u>2.4</u>	ft.			
Site:	<u>LEFPC</u>	Constructed Depth:	<u>11.8</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>11.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>33</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☒
3. Is the well identification number correct?					☒	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Well needs access improved; needs ID tag and posts installed. Installed new lock. Well needs rehab. work.</u>							
Inspection Date: <u>5/11/94</u>				Inspected By: <u>B. McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-007

WELL INFORMATION							
Well Number: <u>GW-667</u>		Screen or Open Interval Length: <u>1.8</u> ft.					
Site: <u>LEFPC</u>		Constructed Depth: <u>11.4</u> ft.					
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					<u>10.7</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>39</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: <u>Access appears to be across creek on foot.</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☐	☐	☒
3. Is the well identification number correct?					☐	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
<u>Well needs access improved-looks to be only accessible by foot across creek; * Well was found with cap and lock missing and graffiti on casing. Needs rehab. work.</u>							
Inspection Date: <u>5/11/94</u>				Inspected By: <u>B. McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-005

WELL INFORMATION			
Well Number:	GW-668	Screen or Open Interval Length:	10.1 ft.
Site:	LEFPC	Constructed Depth:	26.7 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☒
2. Does the well have a waterproof steel / brass lock?		☒	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☒
2. Measured depth of well from top of well casing:		27.4	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒
5. Do any obstructions occur within the well?		☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☒
3. Is the well identification number correct?		☒	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☐	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☒	☒
4. Is the high-traffic yellow paint degraded?		☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well needs ID tag and posts installed. Cap is too hard to remove.			
Inspection Date: <u>5/11/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-009

WELL INFORMATION							
Well Number:	GW-669	Screen or Open Interval Length:	0.7	ft.			
Site:	LEFPC	Constructed Depth:	10.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					10.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well needs access improved; posts installed. Nearly dry well.							
Inspection Date:		5/11/94		Inspected By:		B. McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-008

WELL INFORMATION							
Well Number:	<u>GW-670</u>	Screen or Open Interval Length:	<u>10.0</u>	ft.			
Site:	<u>LEFPC</u>	Constructed Depth:	<u>25.2</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒		☒		
2. Is the PVC well casing cracked or broken?							☒
3. Is a protective surface casing installed (PVC well only)?							☒
4. Is the protective casing corroded, bent, or broken?							☒
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒					
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:						<u>26.1</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						<u>--</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?							☒
5. Do any obstructions occur within the well?		☒					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒			☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒				
2. Is the well number legible?							☒
3. Is the well identification number correct?							☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?						☒	
2. Is the pad cracked or deteriorated?		☒					
3. Is the pad sloped to prevent water from ponding around the casing?						☒	
GUARD POSTS:							
1. Are the guardposts damaged?							☒
2. Are the guardposts positioned to prevent collision damage to well?							☒
3. Are the guardposts of adequate height?							☒
4. Is the high-traffic yellow paint degraded?							☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Well needs access improved; ID tag, posts installed. Installed new lock.</u>							
Inspection Date:		<u>5/11/94</u>		Inspected By:		<u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-035

WELL INFORMATION							
Well Number:	GW-671	Screen or Open Interval Length:	1.6	ft.			
Site:	LEFPC	Constructed Depth:	11.2	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					10.9	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					18	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:				NO	YES	N/A	
1. Does the access road require grading or additional gravel?				☐	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____				☐	☒	☐	
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☐	☒	☐	
2. Is the well number legible?				☐	☒	☐	
3. Is the well identification number correct?				☐	☒	☐	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?				☐	☒	☐	
2. Is the pad cracked or deteriorated?				☒	☐	☐	
3. Is the pad sloped to prevent water from ponding around the casing?				☐	☒	☐	
GUARD POSTS:							
1. Are the guardposts damaged?				☐	☐	☒	
2. Are the guardposts positioned to prevent collision damage to well?				☐	☐	☒	
3. Are the guardposts of adequate height?				☐	☐	☒	
4. Is the high-traffic yellow paint degraded?				☐	☐	☒	
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Access to well appears to be by foot across creek. Soft tag for msmt.							
Inspection Date:		5/11/94		Inspected By:		B. McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-028

WELL INFORMATION			
Well Number:	GW-672	Screen or Open Interval Length:	10.0 ft.
Site:	Ash Disposal	Constructed Depth:	30.3 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☒
2. Does the well have a waterproof steel / brass lock?		☒	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☒
2. Measured depth of well from top of well casing:		30.4	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒
5. Do any obstructions occur within the well?		☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☒
3. Is the well identification number correct?		☒	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☒	☒
4. Is the high-traffic yellow paint degraded?		☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>5/12/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-027

WELL INFORMATION							
Well Number:	GW-673	Screen or Open Interval Length:	21.0	ft.			
Site:	Ash Disposal	Constructed Depth:	134.8	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					116.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					87 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ Measurement felt solid; may need rehab. _____ _____							
Inspection Date:		5/12/94		Inspected By:		B. McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-026

WELL INFORMATION			
Well Number:	GW-674	Screen or Open Interval Length:	5.0 ft.
Site:	Ash Disposal	Constructed Depth:	20.1 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☒
2. Does the well have a waterproof steel / brass lock?		☒	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☒
2. Measured depth of well from top of well casing:		16.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		64 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☐	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☒
3. Is the well identification number correct?		☒	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☒	☒
4. Is the high-traffic yellow paint degraded?		☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Solid tapedown; may need rehab.			
Inspection Date: <u>5/12/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-025

WELL INFORMATION							
Well Number: <u>GW-676</u>		Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>Ash Disposal</u>		Constructed Depth: <u>20.5</u> ft.					
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☒	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>20.4</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.)					☐	☒	☐
access to well? Explain: <u>Bar gate at Rogers Quarry</u>					☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)					
COMMENTS							
Inspection Date: <u>5/12/94</u>				Inspected By: <u>B. McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-030

WELL INFORMATION							
Well Number:	GW-677	Screen or Open Interval Length:	10.0	ft.			
Site:	Ash Disposal	Constructed Depth:	167.6	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☒	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					160.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					71	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-031S</u>					
COMMENTS							
<u>Needs ID tag; could need rehab. but msmt. felt solid.</u>							
Inspection Date:		<u>5/12/94</u>		Inspected By:		<u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-031

WELL INFORMATION			
Well Number:	GW-678	Screen or Open Interval Length:	10.0 ft.
Site:	Ash Disposal	Constructed Depth:	134.6 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC		NO	YES
		N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☐
4. Is the protective casing corroded, bent, or broken?		☒	☐
5. Is a weep located at the base of the protective casing?		☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		133.2	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		14	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-031S</u>	
COMMENTS			
<p align="center">Needs ID tag.</p>			
Inspection Date: <u>5/12/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-029

WELL INFORMATION																					
Well Number: <u>GW-679</u>	Screen or Open Interval Length: <u>10.0</u> ft.																				
Site: <u>Ash Disposal</u>	Constructed Depth: <u>134.7</u> ft.																				
PRIMARY INSPECTION ITEMS:																					
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC <table style="float:right; text-align:center; width:100px;"> <tr><td>NO</td><td>YES</td><td>N/A</td></tr> <tr><td>☐</td><td>☒</td><td>☒</td></tr> <tr><td>☒</td><td>☐</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☐</td><td>☐</td></tr> <tr><td>☒</td><td>☐</td><td>☐</td></tr> </table>				NO	YES	N/A	☐	☒	☒	☒	☐	☐	☒	☒	☐	☒	☐	☐	☒	☐	☐
NO	YES	N/A																			
☐	☒	☒																			
☒	☐	☐																			
☒	☒	☐																			
☒	☐	☐																			
☒	☐	☐																			
1. Is the steel or stainless steel well casing corroded, bent, or broken?																					
2. Is the PVC well casing cracked or broken?																					
3. Is a protective surface casing installed (PVC well only)?																					
4. Is the protective casing corroded, bent, or broken?																					
5. Is a weep located at the base of the protective casing?																					
6. Is the steel, stainless steel, or PVC well casing loose?																					
WELL SECURITY:																					
1. Does the well have a cap or lid?																					
2. Does the well have a waterproof steel / brass lock?																					
3. Are the hasps firmly welded to well cap and / or metal casing?																					
DOWNHOLE CONDITION:																					
1. Is a measurement reference point marked on the top of the well casing?																					
2. Measured depth of well from top of well casing:																					
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length																					
<div style="text-align: right; margin-right: 50px;"> <u>134.2</u> ft. <u>5</u> % </div>																					
4. Is this value > 0.2 (represents % of screen or open - hole interval)?																					
5. Do any obstructions occur within the well?																					
SECONDARY INSPECTION ITEMS																					
WELL ACCESS:																					
1. Does the access road require grading or additional gravel?																					
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____																					
WELL IDENTIFICATION:																					
1. Is a stainless steel plate with engraved well number attached to the outermost casing?																					
2. Is the well number legible?																					
3. Is the well identification number correct?																					
CONCRETE PAD:																					
1. Is a concrete pad installed (active wells only)?																					
2. Is the pad cracked or deteriorated?																					
3. Is the pad sloped to prevent water from ponding around the casing?																					
GUARD POSTS:																					
1. Are the guardposts damaged?																					
2. Are the guardposts positioned to prevent collision damage to well?																					
3. Are the guardposts of adequate height?																					
4. Is the high-traffic yellow paint degraded?																					
WELL MAINTENANCE REQUEST																					
Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994																					
☐ Primary Item(s) ☐ Secondary Item(s)		<u>94-031S</u>																			
COMMENTS																					
<div style="text-align: center; margin-top: 10px;">Needs ID tag.</div>																					
Inspection Date: <u>5/12/94</u>		Inspected By: <u>B. McMaster</u>																			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-032

WELL INFORMATION				
Well Number: <u>GW-680</u>	Screen or Open Interval Length: <u>10.0</u> ft.			
Site: <u>Ash Disposal</u>	Constructed Depth: <u>121.7</u> ft.			
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☒	☐
4. Is the protective casing corroded, bent, or broken?		☒	☐	☐
5. Is a weep located at the base of the protective casing?		☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☐	☒	☐
2. Does the well have a waterproof steel / brass lock?		☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☐	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☐	☒	☐
2. Measured depth of well from top of well casing:		<u>122.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒	☒
5. Do any obstructions occur within the well?		☒	☐	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐	☐
2. Is the well number legible?		☐	☒	☐
3. Is the well identification number correct?		☐	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☐	☒	☐
2. Is the pad cracked or deteriorated?		☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☒	☐
GUARD POSTS:				
1. Are the guardposts damaged?		☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?		☐	☒	☐
3. Are the guardposts of adequate height?		☐	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐	☐
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-032S</u>		
COMMENTS				
<u>Need roadwork into site.</u>				
Inspection Date: <u>5/12/94</u>		Inspected By: <u>B. McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-033

WELL INFORMATION			
Well Number:	GW-681	Screen or Open Interval Length:	10.0 ft.
Site:	Ash Disposal	Constructed Depth:	182.4 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC		NO	YES
		N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed (PVC well only)?		☒	☐
4. Is the protective casing corroded, bent, or broken?		☒	☐
5. Is a weep located at the base of the protective casing?		☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		180.8	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		16	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
		N/A	
1. Does the access road require grading or additional gravel?		☐	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-032S</u>	
COMMENTS			
Access into site needs improvement; needs ID tag.			
Inspection Date: <u>5/12/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-034

WELL INFORMATION							
Well Number:	GW-682	Screen or Open Interval Length:	10.0	ft.			
Site:	Ash Disposal	Constructed Depth:	162.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?							☒
2. Is the PVC well casing cracked or broken?		☒				☒	
3. Is a protective surface casing installed (PVC well only)?						☒	
4. Is the protective casing corroded, bent, or broken?		☒					
5. Is a weep located at the base of the protective casing?		☒					
6. Is the steel, stainless steel, or PVC well casing loose?		☒					
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?						☒	
3. Are the hasps firmly welded to well cap and / or metal casing?						☒	
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?						☒	
2. Measured depth of well from top of well casing:					161.4		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					11		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒					
5. Do any obstructions occur within the well?		☒					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?						☒	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒					
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒					
2. Is the well number legible?						☒	
3. Is the well identification number correct?						☒	
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?						☒	
2. Is the pad cracked or deteriorated?		☒					
3. Is the pad sloped to prevent water from ponding around the casing?						☒	
GUARD POSTS:							
1. Are the guardposts damaged?		☒					
2. Are the guardposts positioned to prevent collision damage to well?						☒	
3. Are the guardposts of adequate height?						☒	
4. Is the high-traffic yellow paint degraded?		☒					
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-032S</u>					
COMMENTS							
<u>Need roadwork into site; needs ID tag.</u>							
Inspection Date:		<u>5/12/94</u>	Inspected By:		<u>B. McMaster</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-020

WELL INFORMATION							
Well Number:	GW-686	Screen or Open Interval Length:	10.0	ft.			
Site:	Coal Pile Trench	Constructed Depth:	16.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					16.3	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☒
3. Is the well identification number correct?					☒	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
_____ No protective posts; form for pad is still in place. _____ _____							
Inspection Date: <u>5/13/94</u>				Inspected By: <u>J. Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-022

WELL INFORMATION			
Well Number: <u>GW-687</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>Coal Pile Trench</u>	Constructed Depth: <u>31.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☒	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☒
4. Is the protective casing corroded, bent, or broken?	☒	☐	☒
5. Is a weep located at the base of the protective casing?	☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>32.3</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☒
3. Is the well identification number correct?	☒	☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Flush mount design.</u> 			
Inspection Date: <u>5/16/94</u>		Inspected By: <u>J. Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-024

WELL INFORMATION							
Well Number:	GW-688	Screen or Open Interval Length:	10.0	ft.			
Site:	Coal Pile Trench	Constructed Depth:	55.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					54.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					10	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☒
3. Is the well identification number correct?					☒	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
No ID tag. Well is flush mount.							
Inspection Date: <u>5/16/94</u>				Inspected By: <u>J. Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-023

WELL INFORMATION							
Well Number:	GW-689	Screen or Open Interval Length:	10.0	ft.			
Site:	Coal Pile Trench	Constructed Depth:	19.7	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☐	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					20.5	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☐	☐	☒
3. Is the well identification number correct?					☐	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well is flush mount; water inside of manhole; no ID tag.							
Inspection Date:		5/16/94		Inspected By:		J. Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-014

WELL INFORMATION			
Well Number:	GW-690	Screen or Open Interval Length:	9.8 ft.
Site:	Coal Pile Trench	Constructed Depth:	52.4 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☒
2. Does the well have a waterproof steel / brass lock?		☒	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☒
2. Measured depth of well from top of well casing:		51.3	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		9	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒
5. Do any obstructions occur within the well?		☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☒
3. Is the well identification number correct?		☒	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☐	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒
3. Are the guardposts of adequate height?		☒	☒
4. Is the high-traffic yellow paint degraded?		☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
No posts, no ID tag. Form for pad is still in place. Flush mount well.			
Inspection Date: <u>5/13/94</u>		Inspected By: <u>J. Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-015

WELL INFORMATION			
Well Number: <u>GW-691</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>Coal Pile Trench</u>	Constructed Depth: <u>20.5</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☒
4. Is the protective casing corroded, bent, or broken?	☒	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>20.4</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☒
3. Is the well identification number correct?	☒	☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>No ID tag, no posts. Form still in place around pad. Silt on tape weight after msmt. Flush mount design.</u>			
Inspection Date: <u>5/13/94</u> Inspected By: <u>J. Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-021

WELL INFORMATION				
Well Number:	GW-692	Screen or Open Interval Length:	10.0 ft.	
Site:	Coal Pile Trench	Constructed Depth:	52.8 ft.	
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		45.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		70 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐	☐
2. Is the well number legible?		☒	☐	☒
3. Is the well identification number correct?		☒	☐	☒
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☐	☒
2. Is the pad cracked or deteriorated?		☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☐	☒
GUARD POSTS:				
1. Are the guardposts damaged?		☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐	☒
3. Are the guardposts of adequate height?		☒	☐	☒
4. Is the high-traffic yellow paint degraded?		☐	☒	☒
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	_____		
COMMENTS				
<u>Lots of silt on tape weight after msmt. Lock down threads for manhole cover are broken. No ID tag. Flush mount design.</u>				
Inspection Date: <u>5/16/94</u>		Inspected By: <u>J. Sitzler</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-018

WELL INFORMATION							
Well Number:	GW-696	Screen or Open Interval Length:	9.5	ft.			
Site:	Coal Pile Trench 81-10	Constructed Depth:	32.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☒	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					31.7	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					8	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☒
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<p align="center">No ID tag; put on new lock. Well is flush mount design.</p> <p>_____</p> <p>_____</p>							
Inspection Date:		5/13/94		Inspected By:		J. Sitzler	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-019

WELL INFORMATION							
Well Number:	GW-697	Screen or Open Interval Length:	10.0	ft.			
Site:	Coal Pile Trench 81-10	Constructed Depth:	21.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					20.4	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					6	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
No ID tag, number is on cover. Well is flush mount design.							
Inspection Date: <u>5/13/94</u>		Inspected By: <u>J. Sitzler</u>					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-016

WELL INFORMATION			
Well Number: <u>GW-698</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>Coal Pile Trench 81-10</u>	Constructed Depth: <u>75.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>75.0</u>	<u>75.0</u>	<u>ft.</u>
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u>	<u>--</u>	<u>%</u>
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>No ID tag, painted on cover. Flush mount design.</u> 			
Inspection Date: <u>5/13/94</u>		Inspected By: <u>J. Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-017

WELL INFORMATION			
Well Number: <u>GW-699</u>	Screen or Open Interval Length: <u>9.9</u> ft.		
Site: <u>Coal Pile Trench 81-10</u>	Constructed Depth: <u>17.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>16.4</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>13</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>Posts not painted; one post is knocked down and one bent.</u> _____ _____			
Inspection Date: <u>5/13/94</u>		Inspected By: <u>J. Sitzler</u>	

**Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-012**

WELL INFORMATION			
Well Number:	GW-700	Screen or Open Interval Length:	10.0 ft.
Site:	Coal Pile Trench 81-10	Constructed Depth:	33.4 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES
		N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☐	☒
2. Does the well have a waterproof steel / brass lock?		☐	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☐	☒
2. Measured depth of well from top of well casing:		33.3	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
		N/A	
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☐	☒
3. Is the well identification number correct?		☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☐	☒
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☐	☒
3. Are the guardposts of adequate height?		☐	☒
4. Is the high-traffic yellow paint degraded?		☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Posts have never been painted; form for pad is still in place; silt on tape weight after msmt. Replaced lock.			
Inspection Date: 5/13/94 Inspected By: J. Sitzler			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-013

WELL INFORMATION				
Well Number: <u>GW-701</u>	Screen or Open Interval Length: <u>10.0</u> ft.			
Site: <u>Coal Pile Trench 81-10</u>	Constructed Depth: <u>28.2</u> ft.			
PRIMARY INSPECTION ITEMS:				
WELL CASINGS:	☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		<u>27.9</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:	NO	YES	N/A	
1. Does the access road require grading or additional gravel?	☒	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐	
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐	
2. Is the well number legible?	☒	☒	☐	
3. Is the well identification number correct?	☒	☒	☐	
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?	☒	☒	☐	
2. Is the pad cracked or deteriorated?	☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐	
GUARD POSTS:				
1. Are the guardposts damaged?	☒	☒	☐	
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐	
3. Are the guardposts of adequate height?	☒	☒	☐	
4. Is the high-traffic yellow paint degraded?	☐	☒	☒	
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	_____		
COMMENTS				
<u>Posts have not been painted; form for pad is still in place. Silt on tape weight after msmt.</u> _____ _____				
Inspection Date: <u>5/13/94</u>		Inspected By: <u>J. Sitzler</u>		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-011

WELL INFORMATION	
Well Number: <u>GW-702</u>	Screen or Open Interval Length: <u>10.0</u> ft.
Site: <u>Coal Pile Trench 81-10</u>	Constructed Depth: <u>23.9</u> ft.

PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>22.8</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>11</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	NO	YES	N/A
	☒	☐	☐
	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☒	☐
3. Are the guardposts of adequate height?	☐	☒	☐
4. Is the high-traffic yellow paint degraded?	☐	☐	☒

WELL MAINTENANCE REQUEST	
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 _____

COMMENTS	
Posts have not been painted; form for pad is still in place.	
Inspection Date: <u>5/13/94</u>	Inspected By: <u>J. Sitzler</u>

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-518

WELL INFORMATION							
Well Number:	GW-705	Screen or Open Interval Length:	70.0	ft.			
Site:	B G	Constructed Depth:	310.5	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:						312.6	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	94-040S					
COMMENTS							
Inspection Date: <u>12/20/94</u>				Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-241

WELL INFORMATION			
Well Number: <u>GW-722</u>	Screen or Open Interval Length: _____ ft.		
Site: <u>Westbay Site</u>	Constructed Depth: _____ ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	_____ %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☒
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<u>No measurement made for Westbay sites; well head inspection only.</u>			
Inspection Date: <u>9/22/94</u> Inspected By: <u>McMaster, Sitzler</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-059

WELL INFORMATION							
Well Number:	GW-726	Screen or Open Interval Length:	---	ft.			
Site:	DNAPL	Constructed Depth:	---	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					No Msmt.		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					N/A		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)			_____			
COMMENTS							
Well head inspection for Westbay monitoring system.							
Inspection Date:		6/13/94		Inspected By:		McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-060

WELL INFORMATION							
Well Number:	<u>GW-727</u>	Screen or Open Interval Length:	<u>--</u>	ft.			
Site:	<u>DNAPL</u>	Constructed Depth:	<u>--</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					No Msmt.		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<u>Well head inspection for Westbay monitoring system.</u> 							
Inspection Date:		<u>6/13/94</u>		Inspected By:		<u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-061

WELL INFORMATION							
Well Number:	GW-728	Screen or Open Interval Length:	--	ft.			
Site:	DNAPL	Constructed Depth:	--	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					No Msmt.		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☐	☐	☒
3. Is the well identification number correct?					☐	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well needs ID tag and number painted on casing. Also needs hasp and cap installed; presently has watertight cap.							

Inspection Date:		6/13/94		Inspected By:		B. McMaster	

WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-062

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Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-063

WELL INFORMATION							
Well Number:	<u>GW-730</u>	Screen or Open Interval Length:	<u>--</u>	ft.			
Site:	<u>DNAPL</u>	Constructed Depth:	<u>--</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☒	☐
4. Is the protective casing corroded, bent, or broken?					☒	☒	☐
5. Is a weep located at the base of the protective casing?					☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☐	☒	☒
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well head inspection for Westbay monitoring system.							
Inspection Date:		<u>6/13/94</u>		Inspected By:		<u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-242

WELL INFORMATION			
Well Number: <u>GW-734</u>	Screen or Open Interval Length: <u>**</u> ft.		
Site: <u>EXP J</u>	Constructed Depth: <u>59.4</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☒
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>60.2</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-028P</u>	
COMMENTS			
<u>Repaired ID tag.* Open interval drilled into mud filled cavity.</u> 			
Inspection Date: <u>9/22/94</u>		Inspected By: <u>McMaster/Sitzler</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-270

WELL INFORMATION							
Well Number:	GW-753	Screen or Open Interval Length:	10.4	ft.			
Site:	Y-12 Grid Well	Constructed Depth:	73.4	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					73.9	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☒	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☒	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☒	☐
3. Are the guardposts of adequate height?					☒	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>9/27/94</u> Inspected By: <u>McMaster</u> </div>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-271

WELL INFORMATION							
Well Number:	GW-754	Screen or Open Interval Length:	10.0	ft.			
Site:	Y-12 Grid Well	Constructed Depth:	27.0	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☒	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?					☐	☐	☒
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:						27.3	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. Is the pad cracked or deteriorated?					☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☒	☐
GUARD POSTS:							
1. Are the guardposts damaged?					☒	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?					☐	☒	☐
3. Are the guardposts of adequate height?					☐	☒	☐
4. Is the high-traffic yellow paint degraded?					☒	☐	☐
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)	☐ Secondary Item(s)	_____					
COMMENTS							
Inspection Date:		<u>9/27/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-268

WELL INFORMATION				
Well Number:	GW-755	Screen or Open Interval Length:	10.0 ft.	
Site:	Y-12 Grid Well	Constructed Depth:	62.9 ft.	
PRIMARY INSPECTION ITEMS:				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☐	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		63.3		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL ACCESS:		NO	YES	N/A
1. Does the access road require grading or additional gravel?		☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒	☐
WELL IDENTIFICATION:				
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒	☐
GUARD POSTS:				
1. Are the guardposts damaged?		☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☒	☒	☐
3. Are the guardposts of adequate height?		☒	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☒	☐
WELL MAINTENANCE REQUEST				
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994		
☐ Primary Item(s)	☐ Secondary Item(s)	_____		
COMMENTS				
<div style="display: flex; justify-content: space-between;"> Inspection Date: <u>9/27/94</u> Inspected By: <u>McMaster</u> </div>				

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-269

WELL INFORMATION			
Well Number: <u>GW-756</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>Y-12 Grid Well</u>	Constructed Depth: <u>19.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>19.0</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div>			
Inspection Date: <u>9/27/94</u>		Inspected By: <u>McMaster</u>	

WELL INFORMATION		Screen or Open Interval Length: -- ft.																		
Well Number: <u>GW-790</u>		Constructed Depth: -- ft.																		
Site: <u>DNAPL</u>																				
PRIMARY INSPECTION ITEMS:																				
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed (PVC well only)? 4. Is the protective casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?	<table style="margin-left: auto; margin-right: auto;"> <tr><th>NO</th><th>YES</th><th>N/A</th></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☐</td></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☒</td></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☐</td></tr> </table>	NO	YES	N/A	☒	☐	☐	☐	☒	☒	☒	☐	☐	☒	☐	☐	☒	☐	☐	
NO	YES	N/A																		
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WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel / brass lock? 3. Are the hasps firmly welded to well cap and / or metal casing?	<table style="margin-left: auto; margin-right: auto;"> <tr><th>NO</th><th>YES</th><th>N/A</th></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> </table>	NO	YES	N/A	☐	☒	☐	☐	☒	☐	☐	☒	☐							
NO	YES	N/A																		
☐	☒	☐																		
☐	☒	☐																		
☐	☒	☐																		
DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well?	<table style="margin-left: auto; margin-right: auto;"> <tr><th>NO</th><th>YES</th><th>N/A</th></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center"></td><td align="center">No msmt.</td><td align="center">ft.</td></tr> <tr><td align="center"></td><td align="center">--</td><td align="center">%</td></tr> <tr><td align="center">☐</td><td align="center">☐</td><td align="center">☒</td></tr> <tr><td align="center">☐</td><td align="center">☐</td><td align="center">☒</td></tr> </table>	NO	YES	N/A	☐	☒	☐		No msmt.	ft.		--	%	☐	☐	☒	☐	☐	☒	
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	No msmt.	ft.																		
	--	%																		
☐	☐	☒																		
☐	☐	☒																		
SECONDARY INSPECTION ITEMS																				
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	<table style="margin-left: auto; margin-right: auto;"> <tr><th>NO</th><th>YES</th><th>N/A</th></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☐</td></tr> </table>	NO	YES	N/A	☒	☐	☐	☒	☐	☐										
NO	YES	N/A																		
☒	☐	☐																		
☒	☐	☐																		
WELL IDENTIFICATION: 1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	<table style="margin-left: auto; margin-right: auto;"> <tr><th>NO</th><th>YES</th><th>N/A</th></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> </table>	NO	YES	N/A	☐	☒	☐	☐	☒	☐	☐	☒	☐							
NO	YES	N/A																		
☐	☒	☐																		
☐	☒	☐																		
☐	☒	☐																		
CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?	<table style="margin-left: auto; margin-right: auto;"> <tr><th>NO</th><th>YES</th><th>N/A</th></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☐</td></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> </table>	NO	YES	N/A	☐	☒	☐	☒	☐	☐	☐	☒	☐							
NO	YES	N/A																		
☐	☒	☐																		
☒	☐	☐																		
☐	☒	☐																		
GUARD POSTS: 1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?	<table style="margin-left: auto; margin-right: auto;"> <tr><th>NO</th><th>YES</th><th>N/A</th></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☐</td></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☐</td><td align="center">☒</td><td align="center">☐</td></tr> <tr><td align="center">☒</td><td align="center">☐</td><td align="center">☐</td></tr> </table>	NO	YES	N/A	☒	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐				
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☒	☐	☐																		
WELL MAINTENANCE REQUEST																				
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)		Request nos. for maintenance performed on this well in 1994 _____																		
COMMENTS																				
Well head inspection for Westbay monitoring system.																				
Inspection Date: <u>6/13/94</u>		Inspected By: <u>B. McMaster</u>																		

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-065

WELL INFORMATION	
Well Number: <u>GW-802</u>	Screen or Open Interval Length: <u>10.0</u> ft.
Site: <u>FF</u>	Constructed Depth: <u>25.5</u> ft.

PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☒	☒
4. Is the protective casing corroded, bent, or broken?	☒	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☒
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☒
2. Does the well have a waterproof steel / brass lock?	☒	☒	☒
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☒
2. Measured depth of well from top of well casing:	<u>26.2</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☒
5. Do any obstructions occur within the well?	☒	☒	☒

SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	NO	YES	N/A
	☒	☒	☒
	☒	☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☒
2. Is the well number legible?	☒	☒	☒
3. Is the well identification number correct?	☒	☒	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☒
2. Is the pad cracked or deteriorated?	☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☒
3. Are the guardposts of adequate height?	☒	☒	☒
4. Is the high-traffic yellow paint degraded?	☒	☒	☒

WELL MAINTENANCE REQUEST	
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 _____

COMMENTS	
Flushmount well; needs ID tag. Cover is bolted.	
Inspection Date: <u>4/25/94</u>	Inspected By: <u>McMaster</u>

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-066

WELL INFORMATION			
Well Number: <u>GW-803</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>FF</u>	Constructed Depth: <u>26.9</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>26.9</u> ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guard posts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)	☐ Secondary Item(s)	Maintenance Request No. _____	
COMMENTS			
<div></div>			
Inspection Date: <u>4/25/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-067

WELL INFORMATION							
Well Number:	GW-804	Screen or Open Interval Length:	10.5	ft.			
Site:	HF	Constructed Depth:	27.3	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel/brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:					27.4	ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length					--	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☐
2. Is the pad cracked or deteriorated?					☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☐
GUARD POSTS:							
1. Are the guard posts damaged?					☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☐
3. Are the guardposts of adequate height?					☒	☐	☐
4. Is the high-traffic yellow paint degraded?					☒	☒	☐
WELL MAINTENANCE REQUEST							
Complete only if any of the above shaded yes/no boxes are checked.							
☐ Primary Item(s)		☐ Secondary Item(s)		Maintenance Request No. _____			
COMMENTS							
Inspection Date: <u>4/25/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-052

WELL INFORMATION			
Well Number:	GW-811	Screen or Open Interval Length:	10.0 ft.
Site:	SPI	Constructed Depth:	67.7 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES
		N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel / brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		67.9	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
		N/A	
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☒
2. Are the guardposts positioned to prevent collision damage to well?		☒	☐
3. Are the guardposts of adequate height?		☒	☐
4. Is the high-traffic yellow paint degraded?		☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well needs ID tag and posts painted.			
Inspection Date: <u>5/20/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-053

WELL INFORMATION			
Well Number: <u>GW-812</u>	Screen or Open Interval Length: <u>9.9</u> ft.		
Site: <u>SPI</u>	Constructed Depth: <u>47.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>48.3</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☐
3. Is the well identification number correct?	☒	☐	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well needs ID tag.			
Inspection Date: <u>5/20/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-054

WELL INFORMATION			
Well Number: <u>GW-813</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>SPI</u>	Constructed Depth: <u>27.8</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>28.1</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☐
3. Is the well identification number correct?	☒	☐	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ Well needs ID tag. _____ _____ _____			
Inspection Date: <u>5/20/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-055

WELL INFORMATION			
Well Number:	GW-814	Screen or Open Interval Length:	10.1 ft.
Site:	SPI	Constructed Depth:	26.4 ft.

PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☒
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	26.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐

SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	NO	YES	N/A
	☒	☒	☐
	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☐
3. Is the well identification number correct?	☒	☐	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☒	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☒	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☒	☐
3. Are the guardposts of adequate height?	☒	☒	☐
4. Is the high-traffic yellow paint degraded?	☒	☒	☐

WELL MAINTENANCE REQUEST	
Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 _____

COMMENTS	
Well needs ID tag.	
Inspection Date: <u>5/20/94</u>	Inspected By: <u>B. McMaster</u>

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-056

WELL INFORMATION			
Well Number:	GW-815	Screen or Open Interval Length:	10.0 ft.
Site:	SPI	Constructed Depth:	23.3 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES
		N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed (PVC well only)?		☒	☒
4. Is the protective casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☐	☒
2. Does the well have a waterproof steel / brass lock?		☐	☒
3. Are the hasps firmly welded to well cap and / or metal casing?		☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☐	☒
2. Measured depth of well from top of well casing:		23.8	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		--	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
		N/A	
1. Does the access road require grading or additional gravel?		☒	☒
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒	☒
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☐	☒
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?		☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?		☒	☐
2. Are the guardposts positioned to prevent collision damage to well?		☐	☒
3. Are the guardposts of adequate height?		☐	☒
4. Is the high-traffic yellow paint degraded?		☒	☐
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well needs ID tag.			
Inspection Date: <u>5/20/94</u>		Inspected By: <u>B. McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-068

WELL INFORMATION							
Well Number:	GW-818	Screen or Open Interval Length:	unknown	ft.			
Site:	Bldg. 9201-2	Constructed Depth:	unknown	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?							☒
2. Is the PVC well casing cracked or broken?		☒					
3. Is a protective surface casing installed (PVC well only)?		☒					
4. Is the protective casing corroded, bent, or broken?							☒
5. Is a weep located at the base of the protective casing?							☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒					
WELL SECURITY:							
1. Does the well have a cap or lid?						☒	
2. Does the well have a waterproof steel / brass lock?		☒					
3. Are the hasps firmly welded to well cap and / or metal casing?							☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☒					
2. Measured depth of well from top of well casing:					20.4		ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					--		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?							☒
5. Do any obstructions occur within the well?		☒					
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒		
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒					
2. Is the well number legible?		☒					
3. Is the well identification number correct?							☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?							☒
2. Is the pad cracked or deteriorated?							☒
3. Is the pad sloped to prevent water from ponding around the casing?							☒
GUARD POSTS:							
1. Are the guardposts damaged?							☒
2. Are the guardposts positioned to prevent collision damage to well?							☒
3. Are the guardposts of adequate height?							☒
4. Is the high-traffic yellow paint degraded?							☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-045S</u>			
COMMENTS							
<u>Flushmount well, 4" thin wall PVC csg. w/1.5" PVC pipe (approx. 20') inside of 4" csg. (?) Water at 9.3 ft. below top 4" csg. 1.5" csg. is only slipped inside of 4", not grouted. *Need special key for manhole cover removal.</u>							
Inspection Date:		<u>6/23/94</u>		Inspected By: <u>McMaster, Thedford, Phillips</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-069

WELL INFORMATION			
Well Number: <u>GW-819</u>	Screen or Open Interval Length: <u>unknown</u> ft.		
Site: <u>Bldg. 9201-2</u>	Constructed Depth: <u>unknown</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☐	☐
2. Measured depth of well from top of well casing:	<u>15.5</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☐	☒
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☐	☒
3. Is the well identification number correct?	☐	☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	<u>94-045S</u>	
COMMENTS			
<u>Well is flushmount w/4" schedule 40 PVC csg. Need special key for cover removal. Water at 9.9 ft. below top csg.</u>			
Inspection Date: <u>6/23/94</u>		Inspected By: <u>McMaster, Thedford, Phillips</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-070

WELL INFORMATION							
Well Number:	GW-820	Screen or Open Interval Length:	unknown	ft.			
Site:	Bldg. 9201-2	Constructed Depth:	unknown	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☒
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				17.3			ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				--			%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☐	☒
3. Is the well identification number correct?					☒	☐	☒
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		<u>94-045S</u>			
COMMENTS							
<u>Flushmount well w/4" schedule 40 PVC csg. Water at 10.0 ft. below top csg. *Need special key for manhole cover removal.</u>							
Inspection Date:		<u>6/23/94</u>		Inspected By: <u>McMaster, Thedford, Phillips</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-596

WELL INFORMATION							
Well Number:	<u>LL/HAZ-01</u>	Screen or Open Interval Length:	<u>15.0</u>	ft.			
Site:	<u>GBR</u>	Constructed Depth:	<u>~ 46.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?		☒			☐	☐	☐
4. Is the protective casing corroded, bent, or broken?					☒	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>44.8</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?		☒			☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒			☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒			☒	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well ID marked on casing.							
Inspection Date:		<u>6/14/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-595

WELL INFORMATION							
Well Number:	<u>LL/HAZ-02</u>	Screen or Open Interval Length:	<u>20.0</u>	ft.			
Site:	<u>GBR</u>	Constructed Depth:	<u>~ 26.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒			☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?		☒			☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒			☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☐	☐
2. Does the well have a waterproof steel / brass lock?					☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☐	☐
2. Measured depth of well from top of well casing:				<u>26.6</u>	ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>--</u>	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☐	☒	☒
5. Do any obstructions occur within the well?		☒			☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					NO	YES	N/A
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		☒			☐	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		☒			☐	☐	☐
2. Is the well number legible?					☒	☐	☐
3. Is the well identification number correct?					☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well ID marked on casing.							
Inspection Date:		<u>6/14/94</u>		Inspected By:		<u>McMaster</u>	

WELL INFORMATION			
Well Number:	LL/HAZ-03	Screen or Open Interval Length:	10.0 ft.
Site:	GBR	Constructed Depth:	~ 16.0 ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS:			
☐ Steel	☐ Stainless Steel	☒ PVC	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
2. Measured depth of well from top of well casing:			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	Well accessed by walking.		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
2. Is the pad cracked or deteriorated?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
3. Is the pad sloped to prevent water from ponding around the casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
GUARD POSTS:			
1. Are the guardposts damaged?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
2. Are the guardposts positioned to prevent collision damage to well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
3. Are the guardposts of adequate height?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
4. Is the high-traffic yellow paint degraded?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: white;"></div>
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)		
COMMENTS			
Well ID is on casing.			
Inspection Date: 6/14/94		Inspected By: McMaster	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-598

WELL INFORMATION							
Well Number:	<u>LL/HAZ-04</u>	Screen or Open Interval Length:	<u>20.0</u>	ft.			
Site:	<u>GBR</u>	Constructed Depth:	<u>~ 26.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel / brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					<u>25.5</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:							
1. Does the access road require grading or additional gravel?					☒	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☐	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☐	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?					☐	☐	☒
3. Are the guardposts of adequate height?					☐	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☐	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well ID marked on casing. _____							

Inspection Date: <u>6/15/94</u> Inspected By: <u>McMaster</u>							

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-605

WELL INFORMATION							
Well Number:	<u>LL/HAZ-05</u>	Screen or Open Interval Length:	<u>15.0</u>	ft.			
Site:	<u>GBR</u>	Constructed Depth:	<u>~ 25.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>25.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☒	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☒	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Well ID marked on casing.							
Inspection Date:		<u>6/15/94</u>		Inspected By:		<u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-585

WELL INFORMATION	
Well Number: <u>LL/HAZ-06</u>	Screen or Open Interval Length: <u>20.0</u> ft.
Site: <u>GBR</u>	Constructed Depth: <u>~ 31.0</u> ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC			
				NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☐	☒	☒
2. Is the PVC well casing cracked or broken?				☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?				☒	☐	☐
4. Is the protective casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel / brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>30.4</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☐	☒	☒
5. Do any obstructions occur within the well?				☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:						
				NO	YES	N/A
1. Does the access road require grading or additional gravel?				☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____				☒	☒	☐
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?				☒	☐	☐
2. Is the well number legible?				☒	☒	☐
3. Is the well identification number correct?				☒	☒	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☒	☐	☒
2. Is the pad cracked or deteriorated?				☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?				☒	☐	☒
GUARD POSTS:						
1. Are the guardposts damaged?				☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?				☒	☐	☒
3. Are the guardposts of adequate height?				☒	☐	☒
4. Is the high-traffic yellow paint degraded?				☐	☒	☒

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s) _____

COMMENTS

Well ID is on casing.

Inspection Date: 6/14/94

Inspected By: McMaster

WELL INFORMATION		Screen or Open Interval Length: 20.0 ft.	
Well Number: <u>LL/HAZ-07</u>	Site: <u>GBR</u>	Constructed Depth: <u>~ 41.0</u>	ft.
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
2. Is the PVC well casing cracked or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
3. Is a protective surface casing installed (PVC well only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
4. Is the protective casing corroded, bent, or broken?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
5. Is a weep located at the base of the protective casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
6. Is the steel, stainless steel, or PVC well casing loose?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
WELL SECURITY:			
1. Does the well have a cap or lid?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
2. Does the well have a waterproof steel / brass lock?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
3. Are the hasps firmly welded to well cap and / or metal casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
2. Measured depth of well from top of well casing:	34.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
5. Do any obstructions occur within the well?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____ roadwork needed	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
2. Is the well number legible?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
3. Is the well identification number correct?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #ccc;"></div>

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-592

WELL INFORMATION			
Well Number: <u>LL/HAZ-08</u>	Screen or Open Interval Length: <u>20.0</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>~ 31.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☐	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>30.6</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:	NO YES N/A		
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
_____ _____ _____ _____ _____			
Well ID marked on casing. _____ _____ _____			
Inspection Date: <u>6/14/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-590

WELL INFORMATION							
Well Number:	<u>LL/HAZ-09</u>	Screen or Open Interval Length:	<u>25.0</u>	ft.			
Site:	<u>GBR</u>	Constructed Depth:	<u>~ 60.0</u>	ft.			
PRIMARY INSPECTION ITEMS:							
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☐	☒	☒
2. Is the PVC well casing cracked or broken?					☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?					☒	☐	☐
4. Is the protective casing corroded, bent, or broken?					☐	☒	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☒	☒	☐
2. Does the well have a waterproof steel / brass lock?					☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?					☒	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☒	☒	☐
2. Measured depth of well from top of well casing:					<u>51.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>--</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☒	☐
5. Do any obstructions occur within the well?					☒	☒	☐
SECONDARY INSPECTION ITEMS							
WELL ACCESS:					NO	YES	N/A
1. Does the access road require grading or additional gravel?					☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____					☒	☒	☐
WELL IDENTIFICATION:							
1. Is a stainless steel plate with engraved well number attached to the outermost casing?					☒	☐	☐
2. Is the well number legible?					☒	☒	☐
3. Is the well identification number correct?					☒	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☒	☐	☒
2. Is the pad cracked or deteriorated?					☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?					☒	☐	☒
GUARD POSTS:							
1. Are the guardposts damaged?					☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?					☒	☐	☒
3. Are the guardposts of adequate height?					☒	☐	☒
4. Is the high-traffic yellow paint degraded?					☐	☒	☒
WELL MAINTENANCE REQUEST							
Complete if any of the above shaded yes/no boxes are checked.				Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s)		☐ Secondary Item(s)		_____			
COMMENTS							
Soft tag for measurement. Well ID on casing.							
Inspection Date: <u>6/14/94</u>				Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO.: 94-591

WELL INFORMATION Well Number: 11/HAZ-10 GBR Screen or Open Interval Length: 20.0 ft. Constructed Depth: ~41.0 ft.	
PRIMARY INSPECTION ITEMS:	
WELL CASINGS: <div style="display: flex; justify-content: space-around;"> <div> ☐ Steel ☐ Stainless Steel ☒ PVC </div> <div> ☐ NO ☒ YES ☐ N/A </div> </div>	
WELL SECURITY: <div style="display: flex; justify-content: space-around;"> <div> ☐ 1. Does the well have a cap or lid? ☐ 2. Does the well have a watertight steel / brass lock? ☐ 3. Are the hasps firmly welded to well cap and / or metal casing? </div> <div> ☐ 4. Is the protective casing corroded, bent, or broken? ☐ 5. Is a weep located at the base of the protective casing? ☐ 6. Is the steel, stainless steel, or PVC well casing loose? </div> </div>	
DOWNHOLE CONDITION: <div style="display: flex; justify-content: space-around;"> <div> ☐ 1. Is a measurement reference point marked on the top of the well casing? ☐ 2. Measured depth of well from top of well casing: 39.1 ft. -- % </div> <div> ☐ 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length -- % </div> </div>	
SECONDARY INSPECTION ITEMS:	
WELL ACCESS: <div style="display: flex; justify-content: space-around;"> <div> ☐ 1. Does the access road require grading or additional gravel? ☐ 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: </div> <div> ☐ NO ☒ YES ☐ N/A </div> </div>	
WELL IDENTIFICATION: <div style="display: flex; justify-content: space-around;"> <div> ☐ 1. Is a stainless steel plate with engraved well number attached to the outermost casing? ☐ 2. Is the well number legible? ☐ 3. Is the well identification number correct? </div> <div> ☐ 1. Is a concrete pad installed (active wells only)? ☐ 2. Is the pad cracked or deteriorated? ☐ 3. Is the pad sloped to prevent water from ponding around the casing? </div> </div>	
CONCRETE PAD: <div style="display: flex; justify-content: space-around;"> <div> ☐ 1. Are the guardposts damaged? ☐ 2. Are the guardposts positioned to prevent collision damage to well? ☐ 3. Are the guardposts of adequate height? ☐ 4. Is the high-traffic yellow paint degraded? </div> <div> ☐ 1. Are the guardposts damaged? ☐ 2. Are the guardposts positioned to prevent collision damage to well? ☐ 3. Are the guardposts of adequate height? ☐ 4. Is the high-traffic yellow paint degraded? </div> </div>	
WELL MAINTENANCE REQUEST Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s) Request nos. for maintenance performed on this well in 1994	
COMMENTS	
Well ID on casing.	
Inspection Date: 6/14/94 Inspected By: McMaster	

WELL INFORMATION			
Well Number: <u>LL/HAZ-11</u>	Screen or Open Interval Length: <u>20.0</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>~ 34.0</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel / brass lock? 3. Are the hasps firmly welded to well cap and / or metal casing?	☒ ☒ ☒	☒ ☒ ☒	☐ ☐ ☐
DOWNHOLE CONDITION: 1. Is a measurement reference point marked on the top of the well casing? 2. Measured depth of well from top of well casing: 3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length 4. Is this value > 0.2 (represents % of screen or open - hole interval)? 5. Do any obstructions occur within the well?	☒ ☒ ☒	☒ 33.6 -- ☐ ☒	 ft. % ☐ ☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS: 1. Does the access road require grading or additional gravel? 2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	NO YES N/A ☐ ☒	☒ ☐	☐ ☐
WELL IDENTIFICATION: 1. Is a stainless steel plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	☒ ☒ ☒	☐ ☒ ☒	☐ ☐ ☐
CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. Is the pad cracked or deteriorated? 3. Is the pad sloped to prevent water from ponding around the casing?	☒ ☐ ☒	☐ ☒ ☐	☒ ☒ ☒
GUARD POSTS: 1. Are the guardposts damaged? 2. Are the guardposts positioned to prevent collision damage to well? 3. Are the guardposts of adequate height? 4. Is the high-traffic yellow paint degraded?	☐ ☒ ☒ ☐	☒ ☐ ☐ ☒	☒ ☒ ☒ ☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well ID marked on casing.			
Inspection Date: <u>6/14/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-587

WELL INFORMATION																					
Well Number: <u>LL/HAZ-12</u>	Screen or Open Interval Length: <u>20.0</u> ft.																				
Site: <u>GBR</u>	Constructed Depth: <u>~ 36.0</u> ft.																				
PRIMARY INSPECTION ITEMS:																					
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC <table style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr><td>NO</td><td>YES</td><td>N/A</td></tr> <tr><td>☐</td><td>☒</td><td>☒</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☒</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> <tr><td>☒</td><td>☒</td><td>☐</td></tr> </table>				NO	YES	N/A	☐	☒	☒	☒	☒	☐	☒	☒	☒	☒	☒	☐	☒	☒	☐
NO	YES	N/A																			
☐	☒	☒																			
☒	☒	☐																			
☒	☒	☒																			
☒	☒	☐																			
☒	☒	☐																			
1. Is the steel or stainless steel well casing corroded, bent, or broken?																					
2. Is the PVC well casing cracked or broken?																					
3. Is a protective surface casing installed (PVC well only)?																					
4. Is the protective casing corroded, bent, or broken?																					
5. Is a weep located at the base of the protective casing?																					
6. Is the steel, stainless steel, or PVC well casing loose?																					
WELL SECURITY:																					
1. Does the well have a cap or lid?																					
2. Does the well have a waterproof steel / brass lock?																					
3. Are the hasps firmly welded to well cap and / or metal casing?																					
DOWNHOLE CONDITION:																					
1. Is a measurement reference point marked on the top of the well casing?																					
2. Measured depth of well from top of well casing:																					
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length																					
4. Is this value > 0.2 (represents % of screen or open - hole interval)?																					
5. Do any obstructions occur within the well?																					
SECONDARY INSPECTION ITEMS																					
WELL ACCESS:																					
1. Does the access road require grading or additional gravel?																					
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:																					
WELL IDENTIFICATION:																					
1. Is a stainless steel plate with engraved well number attached to the outermost casing?																					
2. Is the well number legible?																					
3. Is the well identification number correct?																					
CONCRETE PAD:																					
1. Is a concrete pad installed (active wells only)?																					
2. Is the pad cracked or deteriorated?																					
3. Is the pad sloped to prevent water from ponding around the casing?																					
GUARD POSTS:																					
1. Are the guardposts damaged?																					
2. Are the guardposts positioned to prevent collision damage to well?																					
3. Are the guardposts of adequate height?																					
4. Is the high-traffic yellow paint degraded?																					
WELL MAINTENANCE REQUEST																					
Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994																					
☐ Primary Item(s) ☐ Secondary Item(s)																					
COMMENTS																					
Well ID marked on casing.																					
Inspection Date: <u>6/14/94</u> Inspected By: <u>McMaster</u>																					

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-593

WELL INFORMATION			
Well Number: <u>LL/HAZ-13</u> Site: <u>GBR</u>	Screen or Open Interval Length: <u>10.0</u> ft. Constructed Depth: <u>401.3</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel / brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>~ 385.0</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u> </u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☒
5. Do any obstructions occur within the well?	☐	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☒
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☒
3. Are the guardposts of adequate height?	☒	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☒	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.			
☐ Primary Item(s)	☐ Secondary Item(s)	Request nos. for maintenance performed on this well in 1994 _____	
COMMENTS			
<u>Well could have an obstruction. ID is on well cap.</u> 			
Inspection Date: <u>6/14/94</u>		Inspected By: <u>McMaster</u>	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-588

WELL INFORMATION						
Well Number: <u>LL/HAZ-14</u>	Screen or Open Interval Length: <u>10.0</u> ft.					
Site: <u>GBR</u>	Constructed Depth: <u>351.5</u> ft.					
PRIMARY INSPECTION ITEMS:						
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed (PVC well only)?			☐	☒	☐	
4. Is the protective casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☐	☐	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel / brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and / or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:			<u>373.0</u>		ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>--</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?			☐	☒	☐	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			☒	☐	☐	
WELL IDENTIFICATION:						
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			☒	☐	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☐	☒	
2. Is the pad cracked or deteriorated?			☐	☒	☒	
3. Is the pad sloped to prevent water from ponding around the casing?			☐	☐	☒	
GUARD POSTS:						
1. Are the guardposts damaged?			☐	☐	☒	
2. Are the guardposts positioned to prevent collision damage to well?			☐	☐	☒	
3. Are the guardposts of adequate height?			☐	☐	☒	
4. Is the high-traffic yellow paint degraded?			☐	☐	☒	
WELL MAINTENANCE REQUEST						
Complete if any of the above shaded yes/no boxes are checked.			Request nos. for maintenance performed on this well in 1994			
☐ Primary Item(s) ☐ Secondary Item(s)			_____			
COMMENTS						
_____ Well ID marked on casing.						
_____ _____						
Inspection Date: <u>6/14/94</u>			Inspected By: <u>McMaster</u>			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO.: 94-586

WELL INFORMATION			
Well Number: <u>LL/HAZ-15</u>	Screen or Open Interval Length: <u>10.0</u> ft.		
Site: <u>GBR</u>	Constructed Depth: <u>372.7</u> ft.		
PRIMARY INSPECTION ITEMS:			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC NO YES N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☒	☐
4. Is the protective casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel / brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>337.0</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>--</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☐	☒
5. Do any obstructions occur within the well?	☐	☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☒
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☐	☒
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☒
3. Are the guardposts of adequate height?	☐	☐	☒
4. Is the high-traffic yellow paint degraded?	☐	☐	☒
WELL MAINTENANCE REQUEST			
Complete if any of the above shaded yes/no boxes are checked.		Request nos. for maintenance performed on this well in 1994	
☐ Primary Item(s)	☐ Secondary Item(s)	_____	
COMMENTS			
Well may have an obstruction. ID is on casing.			
Inspection Date: <u>6/14/94</u>		Inspected By: <u>McMaster</u>	

APPENDIX D
REQUESTS FOR WELL RESURVEYS

**Y-12 GROUNDWATER PROTECTION PROGRAM
REQUEST FOR WELL RESURVEY**

Request No: 94-001

Well Number: GW-734	Site: EXP J
Inspection Number: 94-242	Inspected By: McMaster
<p>REASON FOR WELL RESURVEY:</p> <p>☐ Well location needs to be resurveyed</p> <p>☒ Well casing extended or shortened</p> <p>☐ Other</p> <p>COMMENTS/EXPLANATION:</p> <p><u>Top of casing elevation needs to be resurveyed after it was shortened and readjusted due to injection test performed on well.</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	

APPROVED BY: W. Kevin Jago
(GWPP MANAGER OR DESIGNEE)

DATE: 4/13/94

**Y-12 GROUNDWATER PROTECTION PROGRAM
REQUEST FOR WELL RESURVEY**

Request No: 94-002

Well Number: GW-776	Site: Y-12
Inspection Number: 94-506	Inspected By: McMaster
<p>REASON FOR WELL RESURVEY:</p> <p>☐ Well location needs to be resurveyed</p> <p>☒ Well casing extended or shortened</p> <p>☐ Other</p> <p>COMMENTS/EXPLANATION:</p> <p><u>Well casing has been shortened so that man-hole cover does not rest directly on cap. A resurvey needs</u> <u>to be done for new top of casing elevation.</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	

APPROVED BY: Bruce W. McMaster
(GWPP MANAGER OR DESIGNEE)

DATE: 4/13/94

Y-12 GROUNDWATER PROTECTION PROGRAM
REQUEST FOR WELL RESURVEY

Request No: 94-003

Well Number: GW-168	Site: EXP J
Inspection Number: 94-246	Inspected By: McMaster
<p>REASON FOR WELL RESURVEY:</p> <p>☐ Well location needs to be resurveyed</p> <p>☒ Well casing extended or shortened</p> <p>☐ Other</p> <p>COMMENTS/EXPLANATION:</p> <p><u>This well needs top of casing elevation resurveyed. An extension has been added in recent years that</u> <u>has previously been undocumented.</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	

APPROVED BY: W. Kevin Jago
(GWPP MANAGER OR DESIGNEE)

DATE: 4/22/94

APPENDIX E
COMPLETED MAINTENANCE REQUESTS

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-001PS

WELL NUMBER: See below	LOCATION: Y-12 UST Sites
INSPECTION DATE: 10/29 thru 11/15 1993	INSPECTED BY: Jago, Jones, McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☒ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☒ Replace Lock ☐ Well Rehabilitation	☒ Replace Cap ☐ Extend or Repair Casing ☒ Well Identification ☐ Well Access ☐ Other
COMMENTS/EXPLANATION: Wells GW-776, GW-631, GW-632, GW-633, GW-634, GW-659, GW-775, GW-656, GW-807, GW-808, GW-657, GW-707, GW-708, GW-806, GW-281, GW-805; all need either new water-tight caps, locks, or both. GW-807 needs protective post installed and ID tag installed. GW-776 needs casing shortened so that man-hole cover does not rest directly on well cap.	

MAINTENANCE PERFORMED BY: Highland Drilling, Y-12 GWPP	
DATE REQUEST SUBMITTED: 12/15/93	DATE WORK COMPLETED: 1/27/94
MAINTENANCE WORK PERFORMED:	
All wells were inspected for properly secured water-tight caps, locks, and ID tags. GW-776 had casing shortened and cap resecured. GW-807 had ID tag secured and protective post installed. GW-281 cannot be properly secured and is scheduled for Plugging and Abandonment.	
Scott Gilbert (Highland Drilling), Kevin Jago, Steve Jones, Bruce McMaster	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 1/27/94
INSPECTION COMMENTS:	
Work completed in a satisfactory manner.	

APPROVED BY: W. Kevin Jago
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 1/27/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-002P

WELL NUMBER: GW-241	LOCATION: Sediment Disposal Basin
INSPECTION DATE: 2/28/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☒ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Stainless casing needs to be cut and smoothed at top to eliminate sharp edges. A new cap and hasp needs to be installed which is easier for removal than the present set-up.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 2/28/94	DATE WORK COMPLETED: 3/11/94
MAINTENANCE WORK PERFORMED:	
Replaced cap and hasp with new ones.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 3/11/94
INSPECTION COMMENTS:	
Work performed as requested.	

APPROVED BY: W. Kevin Jago
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 4/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-003S

WELL NUMBER: GW-043, GW-044	LOCATION: Oil Landfarm
INSPECTION DATE: 2/14/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION: _____	
Road to wells has become rutted from rains and needs to be improved for access.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 2/28/94	DATE WORK COMPLETED: 3/15/94
MAINTENANCE WORK PERFORMED: _____	
Reworked access road, reroaked and installed 50 ft. of 15 inch culvert.	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 3/15/94
INSPECTION COMMENTS: _____	
Work is satisfactory.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 4/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-004P

WELL NUMBER: GW-232, GW-170	LOCATION: Hwy. 62 behind REMOTEC										
INSPECTION DATE: 2/14/94	INSPECTED BY: K-25 Sampling										
MAINTENANCE TO BE PERFORMED:											
<table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☒ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☒ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☐ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☒ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION:											
Water tight caps which are currently on wells need to be replaced with standard cap, hasp, and lock assembly.											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 2/28/94	DATE WORK COMPLETED:
MAINTENANCE WORK PERFORMED:	
This work put on hold until further notice.	
Randy Phillips	

MAINTENANCE INSPECTED BY:	DATE INSPECTED:
INSPECTION COMMENTS:	
An access agreement has to be worked out between REMOTEC and DOE before any work can be performed.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 3/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-005S

WELL NUMBER: GW-145, GW-146	LOCATION: Kerr Hollow Quarry
INSPECTION DATE: 2/14/94	INSPECTED BY: K-25 Sampling
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: _____	
Need gravel around wells since they are in a low lying area and are a problem when it rains.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>2/28/94</u>	DATE WORK COMPLETED: <u>4/5/94</u>
MAINTENANCE WORK PERFORMED: _____	
Gravel applied around said wells.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/22/94
INSPECTION COMMENTS: _____	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 5/5/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-006S

WELL NUMBER: GW-710	LOCATION: Bear Ck. Road West										
INSPECTION DATE: 2/14/94	INSPECTED BY: B. Rundle										
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☒ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☒ Well Access	☐ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☐ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☒ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: <u>Spread gravel around well.</u>											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>2/28/94</u>	DATE WORK COMPLETED: <u>3/8/94</u>
MAINTENANCE WORK PERFORMED: <u>Spread rock around well.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: <u>McMaster</u>	DATE INSPECTED: <u>4/22/94</u>
INSPECTION COMMENTS: <u>Work completed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-007S

WELL NUMBER: GW-655, GW-342, GW-343	LOCATION: Y-2 Burial Grounds
INSPECTION DATE: 2/1/94	INSPECTED BY: K-25 Sampling, S. Jones
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: _____	
New road to wells needs to be constructed after heavy rains caused hillslope to collapse and destroy old road.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 2/28/94	DATE WORK COMPLETED:
MAINTENANCE WORK PERFORMED: _____	

MAINTENANCE INSPECTED BY:	DATE INSPECTED:
INSPECTION COMMENTS: _____	
*3/24/94 - Road to wells cannot be safely rebuilt after heavy rains caused slumping of hillside material. These wells are to be removed from routine sampling and will be classified as inactive status and access will be by foot.	
Kevin Jago - GWPP Manager	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 4/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-008S

WELL NUMBER: GW-609	LOCATION: East Chestnut Ridge Waste Pile										
INSPECTION DATE: 2/14/94	INSPECTED BY: S.B. Jones										
MAINTENANCE TO BE PERFORMED:											
<table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☒ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☒ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☐ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☐ Replace Cap										
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION:											
Replace guardposts on well that have been removed by construction activities.											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 3/11/94	DATE WORK COMPLETED: 5/5/94
MAINTENANCE WORK PERFORMED:	
Replaced guardposts on said well.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 5/6/94
INSPECTION COMMENTS:	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-009S

WELL NUMBER: GW-324, GW-325	LOCATION: S3 Area
INSPECTION DATE: 2/23/94	INSPECTED BY: B. Rundle
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION: <u>Wells need gravel spread around them for access.</u>	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>6/1/94</u>	DATE WORK COMPLETED: <u>6/2/94</u>
MAINTENANCE WORK PERFORMED: <u>Fixed access as requested.</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/2/94
INSPECTION COMMENTS: <u>Work performed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-010S

WELL NUMBER: GW-799	LOCATION: SPAD Landfill
INSPECTION DATE: 3/8/94	INSPECTED BY: B. Rundle
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION: _____	
Need rip-rap placed on exposed cut to prevent washout. Well needs gravel access.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 3/9/94	DATE WORK COMPLETED: 4/5/94
MAINTENANCE WORK PERFORMED: _____	
Access improved with gravel and rip rap applied to said well.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/22/94
INSPECTION COMMENTS: _____	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-011S

WELL NUMBER: GW-797	LOCATION: SPAD Landfill										
INSPECTION DATE: 3/8/94	INSPECTED BY: B. Rundle										
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☒ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☒ Well Access	☐ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☐ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☒ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: <u>Well needs gravel access road.</u>											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>3/9/94</u>	DATE WORK COMPLETED: <u>4/5/94</u>
MAINTENANCE WORK PERFORMED: <u>Constructed gravel access road.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/22/94
INSPECTION COMMENTS: <u>Work performed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-012S

WELL NUMBER: GW-557	LOCATION: SPAD Landfill										
INSPECTION DATE: 3/8/94	INSPECTED BY: B. Rundle										
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☒ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☒ Well Access	☐ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☐ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☒ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: <u>Well needs gravel extended from the road and spread around well.</u>											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>3/9/94</u>	DATE WORK COMPLETED: <u>7/13/94</u>
MAINTENANCE WORK PERFORMED: <u>Gravel applied to access road and well site as requested.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 7/13/94
INSPECTION COMMENTS: <u>Roadwork completed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-013S

WELL NUMBER: GW-564	LOCATION: SPAD Area
INSPECTION DATE: 3/8/94	INSPECTED BY: B. Rundle
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☒ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION: <u>Protective post needs to be moved and reset. Road needs to be leveled and graveled.</u>	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>3/9/94</u>	DATE WORK COMPLETED: <u>3/31/94</u>
MAINTENANCE WORK PERFORMED: <u>Moved and reset protective post. Leveled and graveled road.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/13/94
INSPECTION COMMENTS: <u>Work performed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-014S

WELL NUMBER: GW-801	LOCATION: SPAD Landfill
INSPECTION DATE: 3/30/94	
INSPECTED BY: McMaster	
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION:	
Well needs gravel access from main road and gravel spread around well site.	

MAINTENANCE PERFORMED BY: Highland Drilling Co.	
DATE REQUEST SUBMITTED: 3/30/94	DATE WORK COMPLETED: 3/31/94
MAINTENANCE WORK PERFORMED:	
Applied gravel to site as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/18/94
INSPECTION COMMENTS:	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-015S

WELL NUMBER: GW-796	LOCATION: SPAD Landfill
INSPECTION DATE: 3/30/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: <u>Access road needs improvment with gravel near well site and gravel spread around site.</u>	

MAINTENANCE PERFORMED BY: Highland Drilling Co.	
DATE REQUEST SUBMITTED: <u>3/30/94</u>	DATE WORK COMPLETED: <u>3/31/94</u>
MAINTENANCE WORK PERFORMED: <u>Site repaired as requested.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/18/94
INSPECTION COMMENTS: <u>Work performed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 5/5/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-016S

WELL NUMBER: GW-244, GW-245	LOCATION: S-3 Area
INSPECTION DATE: 3/10/94	INSPECTED BY: S.B. Jones
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☒ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Dedicated pumps are to be installed in these wells. Pump head will not fit inside protective casing. Extend casing approx. 3-5" to accomodate pump head.	

MAINTENANCE PERFORMED BY: Highland Drilling Co.	
DATE REQUEST SUBMITTED: 3/10/94	DATE WORK COMPLETED: 3/28/94
MAINTENANCE WORK PERFORMED:	
4" collar welded on to top of existing protective casing. Locking cap replaced.	

MAINTENANCE INSPECTED BY: S. B. Jones	DATE INSPECTED: 3/28/94
INSPECTION COMMENTS:	
Maintenance work is satisfactory.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 5/5/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-017PS

WELL NUMBER: GW-171	LOCATION: UT Arboretum
INSPECTION DATE: 4/5/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☒ Build/Repair Concrete Pad	☒ Replace Cap
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing
☒ Repair/Replace Hasp	☒ Well Identification
☒ Replace Lock	☒ Well Access
☒ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: _____	
2" PVC well needs pad, posts, protective casing, ID tag, cap, and lock installed. Access to well needs	
improvement with gravel from main road. Well has approx. 2.5' of silt in screened interval that needs to be	
cleared. Well depth from top casing is 32.7'.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 9/9/94	DATE WORK COMPLETED: 9/14/94
MAINTENANCE WORK PERFORMED: _____	
Installed pad and posts, ID tag, cap, and cleaned well. Improvements made on access.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 9/14/94
INSPECTION COMMENTS: _____	
Work performed as requested. SAIC has redevelopment progress report.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 9/14/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-018PS

WELL NUMBER: GW-230	LOCATION: UT Arboretum
INSPECTION DATE: 4/5/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☒ Build/Repair Concrete Pad	☐ Replace Cap
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☒ Well Identification
☐ Replace Lock	☒ Well Access
☒ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Well needs pad, posts, ID tag and access improved from main road. Well needs to be redeveloped w/ workover rig and swab before sampling. 4" steel cased well with open interval completion. Depth from top casing is 407.4'.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 9/9/94	DATE WORK COMPLETED: 9/14/94
MAINTENANCE WORK PERFORMED:	
Installed pad and posts; redeveloped as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 9/14/94
INSPECTION COMMENTS:	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 9/14/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-019PS

WELL NUMBER: GW-172	LOCATION: UT Arboretum
INSPECTION DATE: 4/5/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☒ Build/Repair Concrete Pad	☒ Replace Cap
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing
☒ Repair/Replace Hasp	☐ Well Identification
☒ Replace Lock	☒ Well Access
☒ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Well needs pad, posts, new cap and hasp welded to steel casing. Access from main road around well needs improvement with gravel. Needs to be redeveloped w/workover rig and swab before sampling. 4" steel cased well with open interval completion; depth from top casing is 135.5'.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 9/9/94	DATE WORK COMPLETED: 9/14/94
MAINTENANCE WORK PERFORMED:	
Installed pad, posts, cap and hasp; redeveloped well. Also reworked access road.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 9/14/94
INSPECTION COMMENTS:	
Work performed as requested. SAIC has redevelopment progress report.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 9/14/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-020S

WELL NUMBER: GW-732	LOCATION: Sediment Disposal Basin
INSPECTION DATE: 4/5/94	INSPECTED BY: K-25 Samplers
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION:	
Tree top has blown down across road and needs removal.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 4/5/94	DATE WORK COMPLETED: 4/5/94
MAINTENANCE WORK PERFORMED:	
Cleared tree out of road.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/5/94
INSPECTION COMMENTS:	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 4/5/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-021S

WELL NUMBER: GW-135, GW-217	LOCATION: IL IV
INSPECTION DATE: 4/11/94	INSPECTED BY: S. Jones, B. McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Heavy rains have caused ditch alongside of road to become rutted and is deep enough to be a hazard to travel.	
Roadwork needs to be done to improve condition of ditch and any other maintenance for main road.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 4/14/94	DATE WORK COMPLETED: 5/11/94
MAINTENANCE WORK PERFORMED:	
Improved drainage ditch and applied rip-rap; also reworked road.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 5/13/94
INSPECTION COMMENTS:	
Work completed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 5/13/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-022P

WELL NUMBER: GW-303	LOCATION: Sediment Disposal Basin
INSPECTION DATE: 4/11/94	
INSPECTED BY: E.B. Rundle	
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☒ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☐ Well Access ☐ Other
COMMENTS/EXPLANATION: _____	
Hasp needs replacing; has broken off.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 4/14/94	DATE WORK COMPLETED: 4/14/94
MAINTENANCE WORK PERFORMED: _____	
Replaced cap on 6" well.	

MAINTENANCE INSPECTED BY: Thedford, McMaster	DATE INSPECTED: 4/14/94
INSPECTION COMMENTS: _____	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 4/14/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-023S

WELL NUMBER: GW-054, GW-055	LOCATION: Y-12 Burial Grounds
INSPECTION DATE: 4/11/94	INSPECTED BY: S.B. Jones
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION: _____	
Heavy rains have made access difficult w/o a 4-wheel drive vehicle. Gravel needs to be placed on access road and around well site.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 4/14/94	DATE WORK COMPLETED: 5/2/94
MAINTENANCE WORK PERFORMED: _____	
Repaired road and site as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 5/2/94
INSPECTION COMMENTS: _____	
Work completed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-024S

WELL NUMBER: See comments	LOCATION: Demolition Landfill
INSPECTION DATE: 3/30/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: Wells GW-541, GW-545, GW-543, GW-544, GW-542 located behind Landfill II have to be accessed now by road along southwest perimeter of that landfill due to construction of new Demolition Landfill. The perimeter road needs regrading after heavy rains caused erosion.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 6/1/94	DATE WORK COMPLETED: 6/3/94
MAINTENANCE WORK PERFORMED: Reworked and partially re-rocked perimeter road.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/6/94
INSPECTION COMMENTS: Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 6/6/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-025S

WELL NUMBER: GW-543	LOCATION: Demolition Landfill
INSPECTION DATE: 3/30/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION: <u>Well needs gravel from main road spread up to and around well site.</u>	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>6/1/94</u>	DATE WORK COMPLETED: <u>6/3/94</u>
MAINTENANCE WORK PERFORMED: <u>Fixd well access and site with rock.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/6/94
INSPECTION COMMENTS: <u>Work performed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-026S

WELL NUMBER: GW-601, GW-368, GW-369	LOCATION: Oil Landfarm
INSPECTION DATE: 4/6/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION: <u>Road to wells needs regrading after heavy rains have washed ruts.</u>	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>6/1/94</u>	DATE WORK COMPLETED: <u>6/2/94</u>
MAINTENANCE WORK PERFORMED: <u>Repaired access road leading to wells; also to GW-602.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/2/94
INSPECTION COMMENTS: <u>Work performed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/2/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-027P

WELL NUMBER: GW-541	LOCATION: Demolition Landfill										
INSPECTION DATE: 3/30/94	INSPECTED BY: McMaster										
MAINTENANCE TO BE PERFORMED:											
<table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☒ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☒ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☐ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☒ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION:											
K-25 samplers are having trouble with sediment plugging up pumps and a soft tag for a depth measurement has been noted. Well needs to be redeveloped with workover rig/swab and cleared up. Well is 4" stainless cased with 10 ft. screen. Depth from top casing is 107.1 ft.											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 8/1/94	DATE WORK COMPLETED: 8/24/94
MAINTENANCE WORK PERFORMED:	
Redeveloped well as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/24/94
INSPECTION COMMENTS:	
Redevelopment performed as requested. SAIC has redevelopment progress report.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/14/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-028P

WELL NUMBER: GW-734	LOCATION: Grid Well; Picket J
INSPECTION DATE: 3/22/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☒ Replace Cap
☐ Install/Repair Protective Posts	☒ Extend or Repair Casing
☒ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Casing needs to be shortened to original height after injection test was performed; hasp and cap need to be reinstalled.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 5/13/94	DATE WORK COMPLETED: 5/13/94
MAINTENANCE WORK PERFORMED:	
Lowered casing and replaced cap and hasp as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 5/13/94
INSPECTION COMMENTS:	
Work performed as requested. *Well resurvey no. 94-001.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 5/13/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-029S

WELL NUMBER: GW-560, GW-562	LOCATION: SPAD Landfill
INSPECTION DATE: 5/2/94	INSPECTED BY: B. Rundle
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION: _____	
A road needs to be installed for access to GW-560; road to GW-562 (from main road) needs to be reworked after construction activities for landfill.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 5/16/94	DATE WORK COMPLETED: 5/18/94
MAINTENANCE WORK PERFORMED: _____	
Installed road to GW-560 and repaired road to GW-562.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 5/20/94
INSPECTION COMMENTS: _____	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/20/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-030

WELL NUMBER: GW-085	LOCATION: Oil Landfarm
INSPECTION DATE: 5/17/94	INSPECTED BY: Collins, Thedford, McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☒ Other
COMMENTS/EXPLANATION: _____	
An adaptor needs to be installed in 2" stainless casing for a pressure hose fitting in order to conduct an injection	
test on this well. This is in cooperation with Environmental Restoration/SAIC OU-4 work. The fitting needs to	
be removed after completion of the test.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 5/17/94	DATE WORK COMPLETED: 8/3/94
MAINTENANCE WORK PERFORMED: _____	
Adaptor installed and removed from well as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/3/94
INSPECTION COMMENTS: _____	
Work performed as requested. No alteration to casing has taken place.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 8/3/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-031S

WELL NUMBER: GW-677, GW-678, GW-679	LOCATION: Ash Disposal Basin
INSPECTION DATE: 5/12/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: _____	
Wells need access improvement and weeds cut for season.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 5/30/94	DATE WORK COMPLETED: 7/12/94
MAINTENANCE WORK PERFORMED: _____	
Improved well access as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 7/12/94
INSPECTION COMMENTS: _____	
Road repaired as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 7/12/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-032S

WELL NUMBER: GW-680, GW-681, GW-682	LOCATION: Ash Disposal Basin										
INSPECTION DATE: 5/12/94	INSPECTED BY: McMaster										
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☒ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☒ Well Access	☐ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☐ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☒ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: <u>Access to these wells is off of road to GW-801 at SPAD Landfill on dirt road to west. Access needs improvement</u>											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 5/30/94	DATE WORK COMPLETED: 7/15/94
MAINTENANCE WORK PERFORMED: <u>Access road to wells improved.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 7/18/94
INSPECTION COMMENTS: <u>Road and trees cleared for access; satisfactory.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 7/18/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-033S

WELL NUMBER: GW-742, GW-743	LOCATION: SPAD Landfill
INSPECTION DATE: 4/29/94	INSPECTED BY: K-25 Samplers
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☒ Other
COMMENTS/EXPLANATION: <u>Area around wells needs backhoe work to smooth out holes; weeds need cutting around GW-742.</u>	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED:	DATE WORK COMPLETED:
MAINTENANCE WORK PERFORMED: <u> </u>	

MAINTENANCE INSPECTED BY: McMaster, Thedford	DATE INSPECTED: 5/30/94
INSPECTION COMMENTS: <u> </u>	
* This work has been determined not needed.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 6/6/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-034S

WELL NUMBER: GW-729	LOCATION: Bear Ck. Rd.										
INSPECTION DATE: 5/2/94	INSPECTED BY: E.S. Owens										
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☒ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☒ Well Access	☐ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☐ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☒ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: <u>Road has washed after rains and needs maintenance.</u>											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED:	DATE WORK COMPLETED:
MAINTENANCE WORK PERFORMED: <u>Repaired road as requested.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/24/94
INSPECTION COMMENTS: <u>Road repair is satisfactory.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/24/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-035S

WELL NUMBER: GW-079, GW-080, GW-654	LOCATION: Burial Grounds
INSPECTION DATE: 5/25/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Tree across road needs removal.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 5/25/94	DATE WORK COMPLETED: 6/9/94
MAINTENANCE WORK PERFORMED:	
Removed tree as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/10/94
INSPECTION COMMENTS:	
Work is satisfactory.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/10/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-036S

WELL NUMBER: See Below	LOCATION: See Below										
INSPECTION DATE: 3/24/94	INSPECTED BY: McMaster										
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☒ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☒ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☐ Well Rehabilitation	☐ Other
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☒ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: <u>The following wells need protective posts painted:</u> East Chestnut Ridge Wastepile Area; GW-300, GW-301, GW-298, GW-299, GW-160, GW-161, GW-295: Sediment Disposal Basin; GW-159, GW-304: East End, Scarboro Rd.; GW-167, GW-168, GW-239: Ash Disposal Basin; GW-512, GW-513, GW-514: Rogers Quarry; GW-186: Burial Grounds; GW-018, GW-370, GW-371, GW-639, GW-640, GW-641: Oil Landfarm; GW-601, GW-013: S 3 Area; GW-347, GW-348											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>7/25/94</u>	DATE WORK COMPLETED: <u>7/28/95</u>
MAINTENANCE WORK PERFORMED: <u>Painted posts on specified wells.</u> <u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: <u>7/28/95</u>
INSPECTION COMMENTS: <u>Work performed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 7/28/95

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-037S

WELL NUMBER: See Below	LOCATION: See Below
INSPECTION DATE: <u>3/24/94</u>	
INSPECTED BY: <u>McMaster</u>	
MAINTENANCE TO BE PERFORMED:	
☒ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: <u>The following wells need pads broken out and replaced:</u>	
<u>S 2 Area; GW-253: Burial Grounds; GW-089 (pad is off ground); Fly Ash Pond; GW-321: Demolition Landfill;</u>	
<u>GW-541: Security Pits; GW-173, SPAD; GW-797.</u>	

MAINTENANCE PERFORMED BY: <u>Highland Drilling Company</u>	
DATE REQUEST SUBMITTED: <u>6/24/94</u>	DATE WORK COMPLETED: <u>8/9/94</u>
MAINTENANCE WORK PERFORMED: _____	
Pads repaired as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: <u>McMaster</u>	DATE INSPECTED: <u>8/9/94</u>
INSPECTION COMMENTS: _____	
Work is satisfactory.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 8/9/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-038S

WELL NUMBER: See Below	LOCATION: See Below										
INSPECTION DATE: 3/24/94											
INSPECTED BY: McMaster											
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☒ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☒ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☐ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☒ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: Caps on following wells need replacing or casing filed because are too tight: Oil Landfarm; GW-646, GW-647: Rust Spoil Area; GW-648.											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 6/23/94	DATE WORK COMPLETED: 8/1/94
MAINTENANCE WORK PERFORMED: Wells repaired as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/1/94
INSPECTION COMMENTS: Work is satisfactory.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-039P

WELL NUMBER: GW-117	LOCATION: Burial Grounds
INSPECTION DATE: 3/24/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☐ Well Access ☒ Other
COMMENTS/EXPLANATION:	
Artesian well needs mechanical packer installed to stop flow. Well is 4" steel construction with a constructed depth of 533.0 ft. Well is cased to 480.0 ft.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 5/30/94	DATE WORK COMPLETED: 6/14/94
MAINTENANCE WORK PERFORMED:	
Installed packer in well.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/14/94
INSPECTION COMMENTS:	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-040S

WELL NUMBER: See Below	LOCATION: Burial Grounds, Oil Landfarm
INSPECTION DATE: 5/25/94	INSPECTED BY: Rundle, McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: <u>The following wells need to have weeds cleared around well sites:</u>	
<u>GW-324, GW-325, GW-800, GW-064, GW-736, GW-737, GW-725, GW-642, GW-372, GW-373, GW-371,</u>	
<u>GW-370, GW-706, GW-704, GW-703, GW-694, GW-695, GW-705.</u>	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>5/25/94</u>	DATE WORK COMPLETED: <u>5/26/94</u>
MAINTENANCE WORK PERFORMED: _____	
<u>Weeds cleared around specified wells.</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/3/94
INSPECTION COMMENTS: _____	
<u>Work is satisfactory.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 8/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-041S

WELL NUMBER: GW-187, GW-188	LOCATION: Rogers Quarry
INSPECTION DATE: 9/22/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☒ Other
COMMENTS/EXPLANATION: <u>These wells need weeps drilled into protective casings; GW-187 needs</u> <u>protective posts painted.</u>	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 10/11/94	DATE WORK COMPLETED: 12/10/94
MAINTENANCE WORK PERFORMED: _____	
Painted posts and drilled weeps as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/12/94
INSPECTION COMMENTS: _____	
Work is satisfactory.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 12/12/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-042S

WELL NUMBER: GW-067	LOCATION: Oil Landfarm										
INSPECTION DATE: 3/29/94	INSPECTED BY: McMaster										
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☒ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☒ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☐ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☐ Replace Cap										
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: <u>2 guardposts need to be installed for well.</u>											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED:	DATE WORK COMPLETED:
MAINTENANCE WORK PERFORMED: <u> </u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED:
INSPECTION COMMENTS: <u>Existing posts had mostly been covered up by fill for cap; cannot install posts without possible damage to cap.</u>	
<u>Well location is also now inside a designated radiological area. Disregard request.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-043S

WELL NUMBER: GW-232, GW-170	LOCATION: Scarboro Rd. (Behind Remotec)
INSPECTION DATE: 6/2/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☒ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☒ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
These wells currently have water-tight locking caps installed; need to replace with standard cap and hasp.	
7/1/94 **This work has been put on hold until access agreement between DOE and Remotec has been resolved.	
1/9/95 **Agreement ok'd; access to wells needs minor roadwork to smooth gravel and roadbed, waiting on request from REMOTEC to proceed with roadwork.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED:	DATE WORK COMPLETED: 6/7/95
MAINTENANCE WORK PERFORMED:	
Caps and hasps replaced, road repaired and gravel applied.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/7/95
INSPECTION COMMENTS:	
Work is satisfactory.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/7/95

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-044S

WELL NUMBER: See below	LOCATION: See below
INSPECTION DATE: 8/4/94	
INSPECTED BY: McMaster	
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: <u>The following wells need posts painted:</u>	
<u>New Hope Pond Area: GW-152, GW-222, GW-223, GW-240; Rust Salvage Yard: GW-306, GW-307, GW-308,</u>	
<u>(GW-308 also needs protective post reset), GW-310, GW-311; S 3 Area: GW-124, GW-125</u>	

MAINTENANCE PERFORMED BY: <u>Highland Drilling Company</u>	
DATE REQUEST SUBMITTED: <u>10/7/94</u>	DATE WORK COMPLETED: <u>12/15/94</u>
MAINTENANCE WORK PERFORMED: <u> </u>	
<u>Posts were repainted and post on GW-308 was reset.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: <u>McMaster</u>	DATE INSPECTED: <u>12/15/94</u>
INSPECTION COMMENTS: <u> </u>	
<u>Work performed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 12/15/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-045S

WELL NUMBER: Unknown	LOCATION: South of 9201-2
INSPECTION DATE: 6/22/94	INSPECTED BY: S. Jones
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☒ Other
COMMENTS/EXPLANATION:	
Three unknown flushmount wells on south side of 9201-2 need to be accessed by removing manhole covers which are bolted down. Covers need to be removed in a way so they may be replaced/secured.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 6/23/94	DATE WORK COMPLETED: 6/24/94
MAINTENANCE WORK PERFORMED:	
Removed covers, taped well depths and taped water levels for all three wells. Numbers need to be assigned to these wells for identification.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/24/94
INSPECTION COMMENTS:	
Well covers removed and replaced as requested. Wells are currently identified as #1 (east), #2 (middle), and #3 (west). See well inspections 94-068 thru 94-070.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/24/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-046S

WELL NUMBER: GW-711	LOCATION: Picket W, Bear Ck. Road
INSPECTION DATE: 6/27/93	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☒ Well Access ☐ Other
COMMENTS/EXPLANATION: _____	
Road to well site needs regrading and improvement after recent rains have caused erosion gullies.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 7/22/94	DATE WORK COMPLETED: 8/1/94
MAINTENANCE WORK PERFORMED: _____	
Repaired access road as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/1/94
INSPECTION COMMENTS: _____	
Work is satisfactory.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-047S

WELL NUMBER: GW-613, GW-614	LOCATION: S 3 Area
INSPECTION DATE: 7/1/94	INSPECTED BY: K-25 Samplers, McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: _____	
Tree that has blown down across road is blocking access and needs removal.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 8/1/94	DATE WORK COMPLETED: 8/1/94
MAINTENANCE WORK PERFORMED: _____	
Removed tree from road.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/1/94
INSPECTION COMMENTS: _____	
Tree removed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 8/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-048P

WELL NUMBER: GW-146	LOCATION: Kerr Hollow Quarry
INSPECTION DATE: 7/25/94	
INSPECTED BY: K-25 Samplers	
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☐ Well Access ☒ Other
COMMENTS/EXPLANATION:	
A bailer has been lost in this well and needs to be retrieved. Samplers report that teflon bailer is hung up at approximately 190 ft. below top of casing.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 7/25/94	DATE WORK COMPLETED: 8/30/94
MAINTENANCE WORK PERFORMED:	
Removed bailer as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/30/94
INSPECTION COMMENTS:	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/14/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-049S

WELL NUMBER: GW-621	LOCATION: Y-12 Burial Grounds
INSPECTION DATE: 8/16/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☒ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Concrete pad needs replacement; appears to have been hit with mowing machine.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 8/17/94	DATE WORK COMPLETED: 8/23/94
MAINTENANCE WORK PERFORMED:	
Concrete pad was replaced.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/23/94
INSPECTION COMMENTS:	
Pad replaced as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 9/14/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-050S

WELL NUMBER: GW-370	LOCATION: Y-12 Burial Grounds
INSPECTION DATE: 9/1/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☒ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☐ Well Access ☐ Other
COMMENTS/EXPLANATION: _____	
Concrete pad needs replacement; is above ground surface.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 9/7/94	DATE WORK COMPLETED: 9/15/94
MAINTENANCE WORK PERFORMED: _____	
Concrete pad was replaced.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 9/15/94
INSPECTION COMMENTS: _____	
Pad replaced as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/15/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-051S

WELL NUMBER: See below	LOCATION: See below										
INSPECTION DATE: 9/1/94											
INSPECTED BY: GWPP Manager											
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☒ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☐ Well Rehabilitation	☒ Other
☐ Build/Repair Concrete Pad	☐ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☐ Well Rehabilitation	☒ Other										
COMMENTS/EXPLANATION: _____											
Well Wizard pumps for sampling water quality need to be installed in the following wells:											
GW-206, GW-816, Scarboro Rd.; GW-171, UT Arboretum; GW-817, New Hope Pond.											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 9/1/94	DATE WORK COMPLETED: 9/13/94
MAINTENANCE WORK PERFORMED: _____	
Installed Well Wizards in specified wells as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 9/13/94
INSPECTION COMMENTS: _____	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/14/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-052P

WELL NUMBER: GW-316, GW-317	LOCATION: Y-12 Spoil Area										
INSPECTION DATE: 8/18/94	INSPECTED BY: McMaster										
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☒ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☒ Build/Repair Concrete Pad	☐ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☐ Well Rehabilitation	☐ Other
☒ Build/Repair Concrete Pad	☐ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: <u>Pads on both wells are cracked and need replacement.</u>											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 10/5/94	DATE WORK COMPLETED: 10/8/94
MAINTENANCE WORK PERFORMED: <u>Replaced pads on wells as requested.</u>	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 10/12/94
INSPECTION COMMENTS: <u>Work is satisfactory.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 10/12/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-053S

WELL NUMBER: GW-150, GW-151, GW-220	LOCATION: New Hope Pond										
INSPECTION DATE: 9/27/94	INSPECTED BY: McMaster										
MAINTENANCE TO BE PERFORMED:											
<table border="0"> <tr> <td>☒ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☒ Build/Repair Concrete Pad	☐ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☐ Well Rehabilitation	☐ Other
☒ Build/Repair Concrete Pad	☐ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: _____											
Concrete pads on all three wells have degraded and need replacement.											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 10/11/94	DATE WORK COMPLETED: 12/15/94
MAINTENANCE WORK PERFORMED: _____	
Concrete pads have been replaced.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/15/94
INSPECTION COMMENTS: _____	
Pads replaced as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/15/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-054S

WELL NUMBER: GW-152, GW-153, GW-240	LOCATION: New Hope Pond										
INSPECTION DATE: 9/27/94	INSPECTED BY: McMaster										
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☒ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☐ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☐ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☒ Build/Repair Concrete Pad	☐ Replace Cap	☐ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☐ Well Rehabilitation	☐ Other
☒ Build/Repair Concrete Pad	☐ Replace Cap										
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☐ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: <u>Concrete pads on all three wells have degraded and need replacement.</u>											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 10/11/94	DATE WORK COMPLETED: 12/15/94
MAINTENANCE WORK PERFORMED: <u>Concrete pads have been replaced.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/15/94
INSPECTION COMMENTS: <u>Pads replaced as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/15/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-055P

WELL NUMBER: GW-074	LOCATION: Oil Landfarm
INSPECTION DATE: 10/7/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☒ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
2" stainless casing has had approximately 2 ft. of riser added at an earlier date and is leaking at the weld (well is artesian) for the riser. A coupling needs to be installed and welded in place to repair the casing.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 10/11/94	DATE WORK COMPLETED: 12/1/94
MAINTENANCE WORK PERFORMED:	
Repaired leak by welding.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/4/94
INSPECTION COMMENTS:	
Casing repaired as requested. No visible leak on this date, 12/4/94.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 12/4/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-056P

WELL NUMBER: GW-160	LOCATION: LF III
INSPECTION DATE: 9/20/94	
INSPECTED BY: McMaster	
MAINTENANCE TO BE PERFORMED:	
☒ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☒ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Well needs redevelopment to clear sediment accumulation. Constructed depth of well is 237.4 ft., taped depth is 225.4'. Well is 7" steel cased w/open interval completion. A new concrete pad also needs to be installed.	
No containment of purge water is required.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/22/94
MAINTENANCE WORK PERFORMED:	
Well redeveloped and new pad installed.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/22/94
INSPECTION COMMENTS:	
Work completed as requested. SAIC has well redevelopment progress report.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 12/22/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-057P

WELL NUMBER: GW-731	LOCATION: CRSDB
INSPECTION DATE: 9/21/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☒ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Well needs rehabilitation w/workover rig to remove sediment accumulation. Constructed depth of well is 178.6 ft.,	
taped depth is 175.0 ft. Well is 4" stainless construction w/screen completion.	
No containment of purge water is required.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/12/94
MAINTENANCE WORK PERFORMED:	
Well redeveloped as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/22/94
INSPECTION COMMENTS:	
SAIC has well redevelopment progress report.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 12/22/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-058P

WELL NUMBER: GW-181	LOCATION: Chestnut Ridge Security Pits										
INSPECTION DATE: 10/25/94	INSPECTED BY: McMaster										
MAINTENANCE TO BE PERFORMED: <table border="0"> <tr> <td>☐ Build/Repair Concrete Pad</td> <td>☐ Replace Cap</td> </tr> <tr> <td>☒ Install/Repair Protective Posts</td> <td>☐ Extend or Repair Casing</td> </tr> <tr> <td>☐ Repair/Replace Hasp</td> <td>☐ Well Identification</td> </tr> <tr> <td>☐ Replace Lock</td> <td>☐ Well Access</td> </tr> <tr> <td>☒ Well Rehabilitation</td> <td>☐ Other</td> </tr> </table>		☐ Build/Repair Concrete Pad	☐ Replace Cap	☒ Install/Repair Protective Posts	☐ Extend or Repair Casing	☐ Repair/Replace Hasp	☐ Well Identification	☐ Replace Lock	☐ Well Access	☒ Well Rehabilitation	☐ Other
☐ Build/Repair Concrete Pad	☐ Replace Cap										
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing										
☐ Repair/Replace Hasp	☐ Well Identification										
☐ Replace Lock	☐ Well Access										
☒ Well Rehabilitation	☐ Other										
COMMENTS/EXPLANATION: <p>Well needs rehabilitation to clear sediment accumulation. Constructed depth of well is 170.4 ft., taped depth is 167.7 ft. Well is 7" steel casing w/open interval completion. Protective posts also need painting.</p> <p>No containment of purge water is required.</p>											

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/22/94
MAINTENANCE WORK PERFORMED: <p>Redeveloped well and painted guard posts as requested.</p> <p>Randy Phillips</p>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/22/94
INSPECTION COMMENTS: <p>Work completed. SAIC has well redevelopment progress report.</p>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/22/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-059S

WELL NUMBER: GW-006, GW-007	LOCATION: Oil Landfarm
INSPECTION DATE: 10/7/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Both of these wells have been filled in and over by construction of roadway around cap. The top of the Well Wizard pump on GW-007 can be seen but GW-006 is covered. The location of GW-006 needs to be determined with minor excavation (digging) and condition of the well needs to be noted; the same for GW-007.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/5/94
MAINTENANCE WORK PERFORMED:	
Both wells located. Extended casing on GW-006 and redeveloped. GW-007 will be left until further notice.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/6/94
INSPECTION COMMENTS:	
GW-007 has casing damage and Well Wizard cannot be removed. This well will be eventually P&A when state approval is obtained. Other maintenance performed is satisfactory.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/6/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-060S

WELL NUMBER: See below	LOCATION: Kerr Hollow Quarry
INSPECTION DATE: 11/1/94	
INSPECTED BY: McMaster	
MAINTENANCE TO BE PERFORMED:	
☒ Build/Repair Concrete Pad ☒ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☐ Well Access ☐ Other
COMMENTS/EXPLANATION:	
The following wells need maintenance: GW-142 needs new pad and posts painted; GW-144, GW-231, GW-143, GW-146, GW-145, GW-147 all need posts painted.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/27/94
MAINTENANCE WORK PERFORMED:	
Replaced pads and painted posts.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 1/3/95
INSPECTION COMMENTS:	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 1/3/95

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-061S

WELL NUMBER: See Below	LOCATION: Chestnut Ridge Security Pits
INSPECTION DATE: 11/1/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
The following wells all need posts painted:	
1090, GW-339, GW-302, GW-174, GW-322, GW-178, GW-176, GW-612	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/7/94	DATE WORK COMPLETED: 11/18/94
MAINTENANCE WORK PERFORMED:	
Painted posts.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 11/22/94
INSPECTION COMMENTS:	
Work completed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 11/22/94

**Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST**

REQUEST NO.: 94-062P

WELL NUMBER: GW-006	LOCATION: Oil Landfarm
INSPECTION DATE: 11/30/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> ☒ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☒ Well Rehabilitation </div> <div style="width: 45%;"> ☐ Replace Cap ☒ Extend or Repair Casing ☐ Well Identification ☐ Well Access ☐ Other </div> </div>	
COMMENTS/EXPLANATION: _____ Well needs to be redeveloped. 2" stainless casing, constructed depth is 46'. An extension needs to be added to existing casing to bring up above grade level for sampling (approx.2.5'). Concrete pad needs to be installed and 2 protective posts (on road side of well, not cap side). Development water needs to be contained. Well Wizard pump that is currently on well needs testing to see if still operable.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/30/94	DATE WORK COMPLETED: 12/14/94
MAINTENANCE WORK PERFORMED: _____ Casing was extended and well redeveloped; new Well Wizard and line installed. Installed pad and posts. <div align="center">Randy Phillips</div>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/15/94
INSPECTION COMMENTS: _____ <div align="center">Work performed as requested.</div>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/15/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-063P

WELL NUMBER: GW-208	LOCATION: Scarboro Rd.
INSPECTION DATE: 11/30/94	INSPECTED BY: Rundle
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation	☐ Replace Cap ☐ Extend or Repair Casing ☐ Well Identification ☐ Well Access ☒ Other
COMMENTS/EXPLANATION: _____	
Packer in well needs removal by 12/2/94; replaced no later than 12/6/94.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 12/1/94	DATE WORK COMPLETED: 12/5/94
MAINTENANCE WORK PERFORMED: _____	
Removed packer and reinstalled as requested.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/5/94
INSPECTION COMMENTS: _____	
Work is satisfactory.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/5/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-064P

WELL NUMBER: GW-095	LOCATION: Burial Grounds
INSPECTION DATE: 12/5/94	INSPECTED BY: K-25 Samplers
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☒ Other
COMMENTS/EXPLANATION: <u>Well Wizard has cracked head and needs replacement. Well construction is 4" stainless casing. Replace only the head.</u>	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: <u>12/1/94</u>	DATE WORK COMPLETED: <u>12/12/94</u>
MAINTENANCE WORK PERFORMED: <u>4" Well Wizard head replaced.</u>	
<u>Randy Phillips</u>	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/12/94
INSPECTION COMMENTS: <u>Work performed as requested.</u>	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 12/12/94

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-065S

WELL NUMBER: GW-366, GW-367, GW-520	LOCATION: Landfill I
INSPECTION DATE: 7/28/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☒ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION:	
Concrete pads on all three wells need replacement; large tree that has blown down across access road needs removal.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 12/20/94	DATE WORK COMPLETED: 12/29/94
MAINTENANCE WORK PERFORMED:	
Replaced all three pads and removed tree from road.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 1/3/95
INSPECTION COMMENTS:	
Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 1/3/95

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-066S

WELL NUMBER: GW-603, GW-604	LOCATION: New Hope Pond
INSPECTION DATE: 12/20/94	INSPECTED BY: McMaster
MAINTENANCE TO BE PERFORMED:	
☐ Build/Repair Concrete Pad	☐ Replace Cap
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☐ Other
COMMENTS/EXPLANATION: Protective posts need painting.	

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/27/94
MAINTENANCE WORK PERFORMED: Painted guardposts.	
Randy Phillips	

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 1/3/95
INSPECTION COMMENTS: Work performed as requested.	

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEEDATE: 1/3/95

DISTRIBUTION

DEPARTMENT OF ENERGY

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