**RESULTS
OF
CALENDAR YEAR 2001
MONITORING WELL INSPECTION
AND MAINTENANCE PROGRAM
Y-12 NATIONAL SECURITY COMPLEX,
OAK RIDGE, TENNESSEE**

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for the

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managed by

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List of Acronyms

BWXT Y-12	-	BWXT Y-12, L.L.C.
CY	-	Calendar year
LMES	-	Lockheed Martin Energy Systems
RCRA	-	Resource Conservation and Recovery Act
DOE	-	Department of Energy
GWPP	-	Groundwater Protection Program
Y-12	-	Y-12 National Security Complex
TOC	-	Top of well casing
TOWW	-	Top of Well Wizard cap (dedicate sampling pump installed in wells)
WMR	-	Well Maintenance Request Form

1.0 INTRODUCTION

This document is a compendium of results of the calendar year (CY) 2001 Monitoring Well Inspection and Maintenance Program at the U.S. Department of Energy (DOE) Y-12 National Security Complex (Y-12). This report documents the CY 2001 well inspection events and their subsequent well maintenance requests. Well inspections are performed in order to assess the condition of the monitoring well and any subsequent maintenance needs. Inspections help to ensure that the collection of groundwater samples, and/or hydrologic measurements, are representative of the subsurface and not an artifact of changing downhole conditions. Inspections and maintenance contribute to the effective longevity of each well. Currently, the Y-12 Groundwater Protection Program (GWPP) inspects wells on an annual or triennial basis depending on the status of the well as follows:

- (1) The well is under the GWPP annual water quality sampling program (active wells);
- (2) Wells where hydrological monitoring (e.g., semi-annual water level measurements, long term water level monitoring, slug test, pumping test, dye tracer test, etc.) is in progress (active or inactive wells); or
- (3) Wells that are not in service (inactive wells), but are not currently scheduled for plugging and abandonment.

In accordance with the *Monitoring Well Inspection and Maintenance Plan for the Department of Energy Y-12 Plant, Oak Ridge, Tennessee* [Lockheed Martin Energy Systems, Inc (LMES), 1996] active wells are inspected on an annual basis, while both active and inactive wells are inspected on a triennial basis. This report formally represents the annual well inspections conducted on active wells at Y-12 from January 2001 to January 2002. This report also includes all maintenance activities performed during CY 2001.

1.1 GUIDELINES AND PURPOSE

Groundwater monitoring, well inspection, and well maintenance are the principal elements of the *Groundwater Protection Program Management Plan for the U.S. Department of Energy Y-12 National Security Complex, Oak Ridge, Tennessee* [AJA Technical Services, Inc. (AJA), 2001]. The GWPP is administered under BWXT Y-12, L.L.C. (BWXT Y-12) to comply with DOE Order 5400.1, *General Environmental Protection Program*. Objectives, technical approach, and responsible parties of the inspection and maintenance program are outlined in the *Monitoring Well Inspection and Maintenance Plan* (LMES, 1996). The previous year triennial inspections and maintenance requests can be referenced in *Results of Calendar Year 2000 Monitor Well Inspection and Maintenance Program, Y-12 National Security Complex, Oak Ridge, Tennessee* (BWXT, 2002). Included in the CY 2001 annual inspection are Resource Conservation and Recovery Act (RCRA) post-closure permits wells and non-RCRA permit wells inspected under the Y-12 Water Quality Program administered by Bechtel Jacobs Company LLC. Inspections on RCRA wells are performed on an annual basis as part of the facility's post-closure care, maintenance, and monitoring programs. Thus, any well listed in a RCRA permit is inspected annually and are considered to be active.

The CY 2001 inspection of active wells, along with well maintenance performed for during CY 2001, involved a total of 607 wells. A summary of all well inspection and maintenance activities performed in CY 2001 are found in Appendix A, which includes well inspection number, date of inspection, well status, well maintenance request number, plugging and abandonment request numbers, and when the next inspection is to occur.

The Monitoring Well Inspection and Maintenance Program, outlined in the GWPP Management Plan (AJA, 2001), was implemented in July 1991 and specifies that all active wells will be inspected 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 2000 are referenced in LMES, 1998. Active wells are inspected for Primary and Secondary Inspection Items listed on the well inspection checklist (see Appendix B) and in accordance with the *Monitor Well Inspection and Maintenance Plan* (LMES, 1996). Inactive wells are also inspected for the same items, but require a minimum of a cap and locking mechanism and identification markings. When an inactive well is incorporated into the active well network, the required upgraded maintenance can be performed at that time. Inactive wells at Y-12 are generally older generation wells, utilized in earlier studies or projects, and are no longer being monitored. Securing and maintaining inactive wells is a useful and cost effective way to retain their integrity for any potential monitoring in the future, in lieu of installation of new wells. Inactive wells that are 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 well casings, screens, and open monitoring intervals.

1.2 METHOD

Well inspection and depth measurements were performed in accordance with procedure Y71-66-EC-214: *Monitoring Well Inspection and Depth Measurement* (BWXT Y-12, 2001). The description and detail of each inspection item is contained in LMES, 1996. A synopsis of the inspection method is presented below.

Well inspections consist of visiting each well location and completing the noted inspection items on the Well Inspection Checklists (see Appendix B) for each of the well's components, as well as noting the condition of the well and its accessibility. Well depth measurements are taken from each well to assess the downhole condition and to calculate the amount of sedimentation of the screened or open interval that has occurred, if any. The GWPP manager or designee reviews the well inspection checklists and ensures 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 well maintenance request (WMR) is issued for the necessary work. The type of maintenance required, along with a written description of the requested maintenance work, is recorded on WMR form with a unique identifier (Appendix C). Maintenance items are classed as either primary or secondary. Primary inspection items are those that may affect the quality of groundwater samples and other hydrologic information. They include the condition of the well casing, well security, well identification, and condition of the screened or open interval. Secondary items are those that generally do not affect the integrity of representative groundwater samples and include well access, concrete pad, and protective posts.

Unless deferred, maintenance is performed as requested along with a follow-up inspection to ensure the work is acceptable. The GWPP manager or an authorized designee keeps on file records of all inspections and maintenance performed on wells at Y-12. A brief description of each inspection item (well component) is as follows:

- (1) **Well Casing(s):** Wells at Y-12 are constructed with steel, stainless steel, or PVC casing and are 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, guard posts are installed around a well. Posts are inspected for proper height (minimum of 3 ft), the presence and condition of the high traffic yellow paint, and the proper positioning of the post between well and possible traffic or mowing equipment.
- (4) **Hasp, Cap, and Lock:** All wells at Y-12 are equipped with caps and locks to prevent unauthorized entry. Steel, slip-on caps are used for both stainless steel and carbon steel casings, and PVC screw-down or watertight caps for PVC casings. All flush mounted wells should have a watertight cap, regardless of casing type. The watertight cap must be attached to the well casing itself, the traffic cover can not act as such. 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 (excessive erosion), fallen trees, construction fencing, bargates, or construction site 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 screened 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. The height of the sediment accumulation is calculated by subtracting the well depth measurement from the constructed well depth¹ [from top of casing (TOC)] and dividing by the length of the screened or open interval. If the result is 0.2 or greater the interval is considered to be $\geq 20\%$ filled, and a well maintenance request is submitted requesting the well be rehabilitated and the interval cleared. Any depth discrepancies¹ are noted in the comments section of the well inspection checklist

¹There are errors in the original well construction information, which are reflected in discrepancies observed between the measured well depth and the constructed depth. Discrepancies have been observed in several older generation wells where the measured depth is several feet deeper than the constructed depth, or several feet shallower, with no sediment accumulation or obstruction present. It is also suspected that survey data for the ground surface elevation of a well may have inadvertently been used as the TOC elevation, causing the recorded constructed well depth to differ by approximately the height of the casing stick-up from ground surface. If the well has been rehabilitated and the total constructed depth of a well cannot be recovered, the appropriate comments regarding the depth discrepancy are then included in the subsurface data base with the original well construction data. If original well construction information can not be rectified, an agreed upon well depth from past measurements (referred to as reference tag depth) is used as the constructed depth value. These reference tag depth values will be used in subsequent inspections (see Appendix D).

2.0 EXPLANATION OF APPENDICES

Appendix A: Well Inspection/Maintenance Summary

This appendix is a summary of all wells inspected between January 2001 and January 2002 at Y-12. Wells are listed by their well number, their corresponding well inspection number, location, inspection date, maintenance request number (if the well needed maintenance or upgrading), plugging and abandonment request number (if the well is damaged beyond repair), status of the well (active) and date of next inspection.

Appendix B: Active Well Inspections

Appendix B contains a completed well inspection checklist documenting individual inspections of wells classified as active (currently being monitored). Inspections for each well include primary and secondary inspection items.

Appendix C: Completed Well Maintenance Requests (WMR)

Appendix C documents the completed WMR forms from CY 2000 and CY 2001 inspections. The actual maintenance work performed on each individual well is documented on these requests and contains the approval of the GWPP manager or designee as completed. Routine maintenance requests (e.g., weedeating) which were completed are also included. Maintenance requests generated from the CY 2000 inspections were numerous and were not initiated or completed until sometime in CY 2001.

Appendix D: Reference Tag Depths

Appendix D lists the reference tag depths (an agreed upon well depth based on past depth measurements) or the calculated constructed depths for all the wells inspected in CY 2001. These reference tag depths were not compiled officially until CY 2002, so the calculated constructed depth was used for all CY 2001 inspections. Reference tag depths are well depth measurements that have been consistent over several inspection events. Most of the reference tag depths are consistent with the calculated constructed depth, but where there are noted discrepancies, in the future the reference tag depth will be used in place of the constructed depth.

3.0 REFERENCES

- AJA Technical Services, 2001. *Groundwater Protection Program Management Plan for the US Department of Energy, Y-12 National Security Complex, Oak Ridge, Tennessee*, prepared for BWXT Y-12 L.L.C. (Y/SUB/01-006512/2).
- BWXT Y-12, L.L.C., 2001. *Monitoring Well Inspection and Depth Measurement*, BWXT Y-12 Management Control Procedure, prepared by the Environment, Health, and Safety Organization (Y71-66-EC-214).
- BWXT Y-12, L.L.C., 2002. *Results of Calendar Year 2000 Monitoring Well Inspection and Maintenance Program, Y-12 National Security Complex, Oak Ridge, Tennessee* (Y/TS-1872), prepared by Beth Schultz.
- Lockheed Martin Energy Systems, Inc., 1996. *Monitoring Well Inspection and Maintenance Plan, Oak Ridge, Y-12 Plant*, (Y/TS-1215), prepared by the Environment, Health, and Safety Organization.
- Lockheed Martin Energy Systems, Inc., 1998. *Results of Calendar Year 1997 Well Inspection and Maintenance Program, Y-12 Plant, Oak Ridge, Tennessee* (Y/TS-1734), prepared by B.W. McMaster.

APPENDIX A

WELL INSPECTION/MAINTENANCE SUMMARY

WELL INSPECTION AND MAINTENANCE SUMMARY

EXPLANATION OF TERMS

Well Inspection Number

- 01-001 - Unique number assigned to each well inspection: two digit number designating the inspection year (calendar) followed by a three digit number.¹

Well Status

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

Maintenance Request Number

- 01-001 - Unique number assigned to each Well Maintenance Request (WMR): two digit number designating the inspection year (**calendar**) followed by a three digit number.¹
- 01-001P Primary maintenance required, first WMR of CY 2001
- 01-002S - Secondary maintenance required, second WMR of CY 2001
- 01-003PS - Primary and secondary maintenance required, third WMR of CY 2001

Plugging and Abandonment Request Number

- 01-001P/A - First well requested to be plugged and abandoned in 2001

¹ For wells inspected under the Bechtel Jacobs LLC, Y-12 Water Quality Program (YWQP) a unique number is assigned to each well inspection, similar to the above examples. Well maintenance requests are issued and the work is performed under the YWQP program. They assign a unique maintenance request number as such:

01-BJC-0001 - two digit number designating the inspection year (**fiscal**), followed by “BJC”, indicating the program, followed by a four digit number.

Since all YWQP wells are considered active wells, there is no distinction between primary and secondary maintenance items.

GROUNDWATER INFORMATION MANAGEMENT SYSTEM

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
1090	Inspection	United Nuclear Corporation Site	A	N/A	01-155	09/25/2001	N/A	2002
1090	Maintenance	United Nuclear Corporation Site	A	N/A	N/A	08/01/2001	01-003P	
53-1A	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/29/2002	01-011P	
53-1A	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/20/2002	01-005S	
55-2C	Maintenance	Y-12 Grid Well B3	I	N/A	N/A	08/01/2001	01-003P	
56-1A	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/29/2002	01-011P	
56-1C	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/20/2002	01-005S	
56-2C	Maintenance	Y-12 Grid Well C3	I	N/A	N/A	08/01/2001	01-003P	
56-4A	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/20/2002	01-005S	
59-1A	Maintenance	Building 9202	I	N/A	N/A	03/20/2002	01-005S	
59-1A	Maintenance	Building 9202	I	N/A	N/A	03/29/2002	01-011P	
59-1B	Maintenance	Building 9202	I	N/A	N/A	03/29/2002	01-011P	
59-1C	Maintenance	Building 9202	I	N/A	N/A	03/29/2002	01-011P	
60-1A	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/29/2002	01-011P	
60-1B	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/20/2002	01-005S	
60-1B	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/29/2002	01-011P	
60-2A	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/29/2002	01-011P	
60-2A	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/20/2002	01-005S	
BC-21	Maintenance	Exxon Nuclear Site	I	N/A	N/A	03/20/2002	01-005S	
CH-143	Maintenance	Kerr Hollow Quarry	I	N/A	N/A	03/20/2002	01-005S	

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A		Well Inspection Number	Event Date	Maintenance Request		Next Inspection
				Request Number	Number(s)			Request Number(s)	Inspection	
CH-157	Maintenance	Chestnut Ridge Sediment Disposal Basin	I	N/A		N/A	03/20/2002	01-005S		
CH-189	Maintenance	Rogers Quarry	I	N/A		N/A	03/20/2002	01-005S		
DC WELL	Maintenance	Bear Creek Burial Grounds WMA	I	N/A		N/A	03/20/2002	01-005S		
DC WELL	Maintenance	Bear Creek Burial Grounds WMA	I	N/A		N/A	05/24/2002	01-016S		
GW-005	Maintenance	Oil Landfarm WMA	I	N/A		N/A	03/15/2001	01-001P		
GW-008	Inspection	Oil Landfarm WMA	A	N/A		01-065	09/18/2001	N/A		2002
GW-008	Maintenance	Oil Landfarm WMA	A	N/A		N/A	03/15/2001	01-001P		
GW-010	Inspection	Oil Landfarm WMA	A	N/A		01-066	09/18/2001	N/A		2002
GW-010	Maintenance	Oil Landfarm WMA	A	N/A		N/A	03/15/2001	01-001P		
GW-011	Maintenance	Oil Landfarm WMA	I	N/A		N/A	03/20/2002	01-005S		
GW-012	Maintenance	Oil Landfarm WMA	A	N/A		N/A	03/15/2001	01-001P		
GW-012	Inspection	Oil Landfarm WMA	A	N/A		01-067	09/18/2001	N/A		2002
GW-014	Maintenance	Bear Creek Burial Grounds WMA	A	N/A		N/A	03/15/2001	01-001P		
GW-014	Inspection	Bear Creek Burial Grounds WMA	A	N/A		01-068	09/17/2001	N/A		2002
GW-015	Maintenance	Bear Creek Burial Grounds WMA	I	N/A		N/A	02/22/2002	01-006S		
GW-016	Maintenance	Bear Creek Burial Grounds WMA	I	N/A		N/A	02/22/2002	01-006S		
GW-017	Maintenance	Bear Creek Burial Grounds WMA	I	N/A		N/A	02/22/2002	01-006S		
GW-046	Maintenance	Bear Creek Burial Grounds WMA	A	N/A		N/A	03/15/2001	01-001P		
GW-046	Inspection	Bear Creek Burial Grounds WMA	A	N/A		01-069	09/17/2001	N/A		2002
GW-053	Maintenance	Bear Creek Burial Grounds WMA	A	N/A		N/A	09/25/2001	01-009S		
GW-053	Maintenance	Bear Creek Burial Grounds WMA	A	N/A		N/A	08/01/2001	01-003P		
GW-053	Inspection	Bear Creek Burial Grounds WMA	A	N/A		01-018	02/12/2001	N/A		2002

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-053	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	07/25/2001	01-002S	
GW-056	Inspection	Exit Pathway - Traverse A	A	N/A	01-037	04/04/2001	N/A	2002
GW-056	Maintenance	Exit Pathway - Traverse A	A	N/A	N/A	08/01/2001	01-003P	
GW-059	Maintenance	Bear Creek Burial Grounds WMA	I	N/A	N/A	03/20/2002	01-005S	
GW-066	Maintenance	Oil Landfarm WMA	I	N/A	N/A	03/21/2002	01-014S	
GW-069	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	03/15/2001	01-001P	
GW-069	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-070	09/17/2001	N/A	2002
GW-071	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-071	09/17/2001	N/A	2002
GW-071	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	03/15/2001	01-001P	
GW-074	Maintenance	Oil Landfarm WMA	I	N/A	N/A	02/22/2002	01-006S	
GW-075	Maintenance	Oil Landfarm WMA	A	N/A	N/A	03/15/2001	01-001P	
GW-075	Inspection	Oil Landfarm WMA	A	N/A	01-072	09/18/2001	N/A	2002
GW-077	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	08/01/2001	01-003P	
GW-078	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-124	09/17/2002	N/A	2002
GW-078	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	08/01/2001	01-003P	
GW-079	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	08/01/2001	01-003P	
GW-079	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	09/11/2001	01-015S	
GW-079	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-125	09/17/2001	N/A	2002
GW-080	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	09/11/2001	01-015S	
GW-080	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-126	09/17/2001	N/A	2002
GW-080	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	08/01/2001	01-003P	
GW-082	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	03/15/2001	01-001P	

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-082	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-020	02/13/2001	N/A	2002
GW-082	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	09/11/2001	01-015S	
GW-082	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-073	09/17/2001	N/A	2002
GW-082	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	07/25/2001	01-002S	
GW-085	Maintenance	Oil Landfarm WMA	A	N/A	N/A	07/25/2001	01-002S	
GW-085	Inspection	Oil Landfarm WMA	A	N/A	01-014	02/05/2001	N/A	2002
GW-085	Maintenance	Oil Landfarm WMA	A	N/A	N/A	08/01/2001	01-003P	
GW-087 GW-077	Inspection	Oil Landfarm WMA Bear Creek BS	A	N/A	01-123	09/17/2001	01-BJC-0015	2002
GW-091	Maintenance	Bear Creek Burial Grounds WMA	I	N/A	N/A	04/15/2002	01-012P	
GW-091	Maintenance	Bear Creek Burial Grounds WMA	I	N/A	N/A	05/24/2002	01-016S	
GW-098	Inspection	Oil Landfarm WMA	A	N/A	01-022	03/13/2001	N/A	2002
GW-098	Maintenance	Oil Landfarm WMA	A	N/A	N/A	08/01/2001	01-003P	
GW-098	Maintenance	Oil Landfarm WMA	A	N/A	N/A	07/25/2001	01-002S	
GW-101	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-101	Inspection	S-3 Site	A	N/A	01-074	09/19/2001	N/A	2002
GW-108	Inspection	S-3 Site	A	N/A	01-075	09/19/2001	N/A	2002
GW-108	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-109	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-109	Inspection	S-3 Site	A	N/A	01-076	09/19/2001	N/A	2002
GW-115	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-115	Inspection	S-3 Site	A	N/A	01-077	09/19/2001	N/A	2002
GW-118	Maintenance	Bear Creek Burial Grounds WMA	I	N/A	N/A	03/20/2002	01-005S	

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-119	Maintenance	Bear Creek Burial Grounds WMA	I	N/A	N/A	03/20/2002	01-005S	
GW-124	Maintenance	S-3 Site	A	N/A	N/A	07/25/2001	01-002S	
GW-124	Maintenance	S-3 Site	A	N/A	N/A	08/01/2001	01-003P	
GW-124	Inspection	S-3 Site	A	N/A	01-025	03/19/2001	N/A	2002
GW-127	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-127	Inspection	S-3 Site	A	N/A	01-078	09/19/2001	N/A	2002
GW-132	Maintenance	S-3 Site	I	N/A	N/A	03/20/2002	01-005S	
GW-141	Maintenance	Industrial Landfill IV	I	N/A	N/A	08/01/2001	01-003P	
GW-142	Maintenance	Kerr Hollow Quarry	A	N/A	N/A	03/15/2001	01-001P	
GW-142	Inspection	Kerr Hollow Quarry	A	N/A	01-079	09/19/2001	N/A	2002
GW-143	Inspection	Kerr Hollow Quarry	A	N/A	01-080	09/19/2001	N/A	2002
GW-143	Maintenance	Kerr Hollow Quarry	A	N/A	N/A	03/15/2001	01-001P	
GW-144	Inspection	Kerr Hollow Quarry	A	N/A	01-081	09/19/2001	N/A	2002
GW-144	Maintenance	Kerr Hollow Quarry	A	N/A	N/A	03/15/2001	01-001P	
GW-145	Inspection	Kerr Hollow Quarry	A	N/A	01-082	09/19/2001	N/A	2002
GW-145	Maintenance	Kerr Hollow Quarry	A	N/A	N/A	03/15/2001	01-001P	
GW-148	Maintenance	New Hope Pond	I	N/A	N/A	02/22/2002	01-006S	
GW-148	Maintenance	New Hope Pond	I	N/A	N/A	03/21/2002	01-014S	
GW-149	Maintenance	New Hope Pond	I	N/A	N/A	03/21/2002	01-014S	
GW-149	Maintenance	New Hope Pond	I	N/A	N/A	02/22/2002	01-006S	
GW-151	Inspection	New Hope Pond	A	N/A	01-127	09/19/2001	N/A	2002
GW-151	Maintenance	New Hope Pond	A	N/A	N/A	08/01/2001	01-003P	

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A		Well Inspection Number	Event Date	Maintenance Request		Next Inspection
				Request Number	Number			Number(s)	Request	
GW-152	Maintenance	New Hope Pond	I	N/A	N/A	N/A	02/22/2002	01-006S		
GW-153	Inspection	New Hope Pond	A	N/A	01-047		04/26/2001	N/A		2002
GW-153	Maintenance	New Hope Pond	A	N/A	N/A		08/01/2001	01-003P		
GW-154	Inspection	New Hope Pond	A	N/A	01-128		09/26/2001	N/A		2002
GW-154	Maintenance	New Hope Pond	A	N/A	N/A		08/01/2001	01-003P		
GW-156	Inspection	Chestnut Ridge Sediment Disposal Basin	A	N/A	01-083		09/20/2001	N/A		2002
GW-156	Maintenance	Chestnut Ridge Sediment Disposal Basin	A	N/A	N/A		03/15/2001	01-001P		
GW-159	Inspection	Chestnut Ridge Sediment Disposal Basin	A	N/A	01-084		09/20/2001	N/A		2002
GW-159	Maintenance	Chestnut Ridge Sediment Disposal Basin	A	N/A	N/A		03/15/2001	01-001P		
GW-169	Maintenance	Union Valley - Exit Pathway	A	N/A	N/A		08/01/2001	01-003P		
GW-169	Inspection	Union Valley - Exit Pathway	A	N/A	01-129		09/20/2001	N/A		2002
GW-170	Inspection	Union Valley - Exit Pathway	A	N/A	01-130		09/20/2001	N/A		2002
GW-170	Maintenance	Union Valley - Exit Pathway	A	N/A	N/A		08/01/2001	01-003P		
GW-171	Inspection	Union Valley - Exit Pathway	A	N/A	01-131		09/20/2001	N/A		2002
GW-171	Maintenance	Union Valley - Exit Pathway	A	N/A	N/A		08/01/2001	01-003P		
GW-172	Inspection	Union Valley - Exit Pathway	A	N/A	01-132		09/20/2001	N/A		2002
GW-172	Maintenance	Union Valley - Exit Pathway	A	N/A	N/A		08/01/2001	01-003P		
GW-174	Inspection	Chestnut Ridge Security Pits	A	N/A	01-027		03/20/2001	N/A		2002
GW-174	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A		08/01/2001	01-003P		
GW-174	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A		07/25/2001	01-002S		
GW-175	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A		03/15/2001	01-001P		
GW-175	Inspection	Chestnut Ridge Security Pits	A	N/A	01-085		09/25/2001	N/A		2002

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-175	Inspection	Chestnut Ridge Security Pits	A	N/A	01-028	03/20/2001	N/A	2002
GW-175	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A	07/25/2001	01-002S	
GW-177	Inspection	Chestnut Ridge Security Pits	A	N/A	01-032	03/26/2001	N/A	2002
GW-177	Inspection	Chestnut Ridge Security Pits	A	N/A	01-086	09/25/2001	N/A	2002
GW-177	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A	03/15/2001	01-001P	
GW-180	Inspection	Chestnut Ridge Security Pits	A	N/A	01-029	03/21/2001	02-002S	2002
GW-180	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A	08/01/2001	01-003P	
GW-180	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A	07/25/2001	01-002S	
GW-186	Maintenance	Rogers Quarry	I	N/A	N/A	02/22/2002	01-006S	
GW-192	Maintenance	Beta-4 Security Pits	A	N/A	N/A	08/01/2001	01-003P	
GW-192	Inspection	Beta-4 Security Pits	A	N/A	01-064	05/21/2002	N/A	2002
GW-193	Maintenance	Y-12 Plant Site	A	N/A	N/A	03/15/2001	01-001P	
GW-193	Inspection	Y-12 Plant Site	A	N/A	01-087	09/25/2001	N/A	2002
GW-195	Maintenance	Beta-4 Security Pits	I	N/A	N/A	03/20/2002	01-005S	
GW-196	Maintenance	Beta-4 Security Pits	I	N/A	N/A	03/20/2002	01-005S	
GW-197	Maintenance	Beta-4 Security Pits	I	N/A	N/A	03/20/2002	01-005S	
GW-198	Maintenance	Ravine Disposal Site	I	N/A	N/A	02/22/2002	01-006S	
GW-200	Maintenance	Ravine Disposal Site	I	N/A	N/A	02/22/2002	01-006S	
GW-203	Maintenance	United Nuclear Corporation Site	A	N/A	N/A	08/01/2001	01-003P	
GW-203	Inspection	United Nuclear Corporation Site	A	N/A	01-133	09/25/2001	N/A	2002
GW-204	Maintenance	Y-12 Plant Site	A	N/A	N/A	08/01/2001	01-003P	
GW-204	Inspection	Y-12 Plant Site	A	N/A	01-061	05/23/2001	N/A	2002

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-205	Inspection	United Nuclear Corporation Site	A	N/A	01-134	09/25/2001	N/A	2002
GW-205	Maintenance	United Nuclear Corporation Site	A	N/A	N/A	08/01/2001	01-003P	
GW-208	Maintenance	Exit Pathway Scarboro Road/Pine Ridge	I	N/A	N/A	08/01/2001	01-003P	
GW-217	Maintenance	Industrial Landfill IV	I	N/A	N/A	08/01/2001	01-003P	
GW-218	Maintenance	Uranium Oxide Vault	I	N/A	N/A	08/01/2001	01-003P	
GW-219	Maintenance	Uranium Oxide Vault	A	N/A	N/A	08/01/2001	01-003P	
GW-219	Inspection	Uranium Oxide Vault	A	N/A	01-062	05/24/2001	N/A	2002
GW-220	Maintenance	New Hope Pond	A	N/A	N/A	08/01/2001	01-003P	
GW-220	Inspection	New Hope Pond	A	N/A	01-049	04/30/2001	N/A	2002
GW-221	Maintenance	United Nuclear Corporation Site	A	N/A	N/A	08/01/2001	01-003P	
GW-221	Inspection	United Nuclear Corporation Site	A	N/A	01-135	09/25/2001	N/A	2002
GW-222	Maintenance	New Hope Pond	I	N/A	N/A	08/01/2001	01-003P	
GW-223	Inspection	New Hope Pond	A	N/A	01-136	09/19/2001	N/A	2002
GW-223	Maintenance	New Hope Pond	A	N/A	N/A	08/01/2001	01-003P	
GW-225	Inspection	Oil Landfarm WMA	A	N/A	01-026	03/19/2001	N/A	2002
GW-225	Maintenance	Oil Landfarm WMA	A	N/A	N/A	07/25/2001	01-002S	
GW-225	Maintenance	Oil Landfarm WMA	A	N/A	N/A	08/01/2001	01-003P	
GW-226	Maintenance	Oil Landfarm WMA	A	N/A	N/A	07/25/2001	01-002S	
GW-226	Inspection	Oil Landfarm WMA	A	N/A	01-015	02/06/2001	N/A	2002
GW-226	Maintenance	Oil Landfarm WMA	A	N/A	N/A	08/01/2001	01-003P	
GW-226	Maintenance	Oil Landfarm WMA	A	N/A	N/A	08/21/2001	01-004S	
GW-230	Maintenance	Union Valley - Exit Pathway	A	N/A	N/A	08/01/2001	01-003P	

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-230	Inspection	Union Valley - Exit Pathway	A	N/A	01-137	09/20/2001	N/A	2002
GW-231	Inspection	Kerr Hollow Quarry	A	N/A	01-088	09/19/2001	N/A	2002
GW-231	Maintenance	Kerr Hollow Quarry	A	N/A	N/A	03/15/2001	01-001P	
GW-232	Maintenance	Union Valley - Exit Pathway	A	N/A	N/A	08/01/2001	01-003P	
GW-232	Inspection	Union Valley - Exit Pathway	A	N/A	01-138	09/20/2001	N/A	2002
GW-237	Maintenance	Bear Creek Burial Grounds WMA	I	N/A	N/A	05/24/2002	01-016S	
GW-240	Maintenance	New Hope Pond	A	N/A	N/A	08/01/2001	01-003P	
GW-240	Inspection	New Hope Pond	A	N/A	01-046	04/26/2001	N/A	2002
GW-240	Maintenance	New Hope Pond	A	N/A	N/A	02/22/2002	01-006S	
GW-241	Maintenance	Chestnut Ridge Sediment Disposal Basin	A	N/A	N/A	07/25/2001	01-002S	
GW-241	Maintenance	Chestnut Ridge Sediment Disposal Basin	A	N/A	N/A	08/01/2001	01-003P	
GW-241	Inspection	Chestnut Ridge Sediment Disposal Basin	A	N/A	01-031	03/22/2001	N/A	2002
GW-243	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-243	Inspection	S-3 Site	A	N/A	01-089	09/19/2001	N/A	2002
GW-244	Inspection	S-3 Site	A	N/A	01-090	09/19/2001	01-BJC-0035	2002
GW-244	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-245	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-245	Inspection	S-3 Site	A	N/A	01-091	09/19/2001	N/A	2002
GW-246	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-246	Inspection	S-3 Site	A	N/A	01-092	09/19/2001	N/A	2002
GW-247	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-247	Inspection	S-3 Site	A	N/A	01-093	09/19/2001	N/A	2002

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-251	Maintenance	S-2 Site	A	N/A	N/A	08/01/2001	01-003P	
GW-251	Inspection	S-2 Site	A	N/A	01-043	04/24/2001	N/A	2002
GW-252	Maintenance	S-2 Site	A	N/A	N/A	02/22/2002	01-006S	
GW-253	Maintenance	S-2 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-253	Inspection	S-2 Site	A	N/A	01-094	09/25/2001	N/A	2002
GW-255	Maintenance	S-2 Site	I	N/A	N/A	02/22/2002	01-006S	
GW-257	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-095	09/17/2001	N/A	2002
GW-257	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	03/15/2001	01-001P	
GW-261	Maintenance	Y-12 Grid Well A1	I	N/A	N/A	02/22/2002	01-006S	
GW-262	Maintenance	Y-12 Grid Well A1	I	N/A	N/A	02/22/2002	01-006S	
GW-263	Maintenance	Y-12 Grid Well A2	I	N/A	N/A	02/22/2002	01-006S	
GW-274	Maintenance	Y-12 Salvage Yard	A	N/A	N/A	03/15/2001	01-001P	
GW-274	Inspection	Y-12 Salvage Yard	A	N/A	01-096	09/26/2001	N/A	2002
GW-275	Inspection	Y-12 Salvage Yard	A	N/A	01-097	09/26/2001	N/A	2002
GW-275	Maintenance	Y-12 Salvage Yard	A	N/A	N/A	03/15/2001	01-001P	
GW-276	Inspection	S-3 Site	A	N/A	01-098	09/19/2001	N/A	2002
GW-276	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-281	Maintenance	Y-12 Fuel Station	I	N/A	N/A	03/20/2002	01-005S	
GW-283	Maintenance	Y-12 Fuel Station	I	N/A	N/A	03/20/2002	01-005S	
GW-284	Maintenance	Y-12 Fuel Station	I	N/A	N/A	03/20/2002	01-005S	
GW-287	Maintenance	Bear Creek Burial Grounds WMA	I	N/A	N/A	08/01/2001	01-003P	
GW-289	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-099	09/17/2001	N/A	2002

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A		Well Inspection Number	Event Date	Maintenance Request		Next Inspection
				Request Number	Number			Number(s)		
GW-289	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	N/A	03/15/2001	01-001P		
GW-291	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	N/A	03/15/2001	01-001P		
GW-291	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-100		09/17/2001	N/A		2002
GW-301	Inspection	Chestnut Ridge Borrow Area Waste Pile	A	N/A	01-101		09/24/2001	N/A		2002
GW-301	Maintenance	Chestnut Ridge Borrow Area Waste Pile	A	N/A	N/A	N/A	03/15/2001	01-001P		
GW-302	Maintenance	United Nuclear Corporation Site	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-302	Inspection	United Nuclear Corporation Site	A	N/A	01-139		09/25/2001	N/A		2002
GW-305	Maintenance	Industrial Landfill IV	I	N/A	N/A	N/A	08/01/2001	01-003P		
GW-311	Inspection	Rust Spoil Area	A	N/A	01-013		02/05/2001	N/A		2002
GW-311	Maintenance	Rust Spoil Area	A	N/A	N/A	N/A	07/25/2001	01-002S		
GW-311	Maintenance	Rust Spoil Area	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-315	Maintenance	Spoil Area I	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-315	Inspection	Spoil Area I	A	N/A	01-011		01/29/2001	N/A		2002
GW-315	Maintenance	Spoil Area I	A	N/A	N/A	N/A	07/25/2001	01-002S		
GW-337	Maintenance	Waste Coolant Processing Facility	I	N/A	N/A	N/A	08/01/2001	01-003P		
GW-339	Inspection	United Nuclear Corporation Site	A	N/A	01-140		09/25/2001	N/A		2002
GW-339	Maintenance	United Nuclear Corporation Site	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-349	Maintenance	S-2 Site	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-350	Maintenance	S-2 Site	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-363	Maintenance	Oil Landfarm WMA	A	N/A	N/A	N/A	03/15/2001	01-001P		
GW-363	Inspection	Oil Landfarm WMA	A	N/A	01-102		09/18/2001	N/A		2002
GW-364	Maintenance	Industrial Landfill I	A	N/A	N/A	N/A	08/01/2001	01-003P		

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-364	Maintenance	Industrial Landfill I	A	N/A	N/A	07/25/2001	01-002S	
GW-364	Inspection	Industrial Landfill I	A	N/A	01-021	03/13/2001	N/A	2002
GW-365	Inspection	Industrial Landfill I	A	N/A	01-034	03/27/2001	N/A	2002
GW-365	Maintenance	Industrial Landfill I	A	N/A	N/A	08/01/2001	01-003P	
GW-365	Maintenance	Industrial Landfill I	A	N/A	N/A	07/25/2001	01-002S	
GW-380	Maintenance	New Hope Pond	I	N/A	N/A	08/01/2001	01-003P	
GW-381	Inspection	New Hope Pond	A	N/A	01-050	05/01/2001	N/A	2002
GW-381	Maintenance	New Hope Pond	A	N/A	N/A	08/01/2001	01-003P	
GW-382	Maintenance	New Hope Pond	A	N/A	N/A	08/01/2001	01-003P	
GW-382	Inspection	New Hope Pond	A	N/A	01-141	09/25/2001	N/A	2002
GW-383	Inspection	New Hope Pond	A	N/A	01-048	04/30/2001	N/A	2002
GW-383	Maintenance	New Hope Pond	I	N/A	N/A	08/01/2001	01-003P	
GW-404	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-414	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-427	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-428	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-432	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-437	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-438	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-439	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-440	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-455	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A		Well Inspection Number	Event Date	Maintenance Request		Next Inspection
				Request Number	Inspection Number			Number(s)		
GW-456	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-457	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-458	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-459	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-460	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-461	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-462	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-463	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-464	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-465	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-466	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-471	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-473	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-474	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-475A	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-475B	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-475C	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-476A	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-476B	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-476C	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-477A	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
GW-477B	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A		Well Inspection		Event Date		Maintenance Request		Next Inspection
				Request Number	Number	Request Number	Number	Request Number(s)	Number(s)	Request Number(s)	Number(s)	
GW-477C	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-478A	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-478B	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-479	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-480A	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-480B	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-480C	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-481A	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-481B	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-481C	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-482A	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-482B	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-482C	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-483	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-484	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-485	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-486	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-487	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-488	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-489	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-491	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	
GW-492	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	N/A	03/20/2002	03/20/2002	01-005S	01-005S	

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-493	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-494	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-495	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-496	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-497	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-498	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499A	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499A	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499A	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499B	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499D	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499E	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499G	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499H	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499I	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499J	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499K	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499L	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499M	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499N	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499O	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-499P	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	

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Well Number	Event Type	Location	Well Status	P&A		Well Inspection Number	Event Date	Maintenance Request		Next Inspection
				Request Number	Number			Number(s)	Number(s)	
GW-499Q	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-499S	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-499T	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-499U	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-499V	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-499X	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-499Y	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-499Z	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-514	Inspection	Filled Coal Ash Pond	A	N/A	N/A	01-035	03/28/2001	02-001S, 02-002S		2002
GW-514	Maintenance	Filled Coal Ash Pond	A	N/A	N/A	N/A	07/25/2001	01-002S		
GW-514	Inspection	Filled Coal Ash Pond	A	N/A	N/A	01-103	09/13/2001	N/A		2002
GW-514	Maintenance	Filled Coal Ash Pond	A	N/A	N/A	N/A	03/15/2001	01-001P		
GW-521	Inspection	Industrial Landfill IV	A	N/A	N/A	01-104	09/24/2001	01-BJC-0045		2002
GW-521	Maintenance	Industrial Landfill IV	A	N/A	N/A	N/A	03/15/2001	01-001P		
GW-522	Maintenance	Industrial Landfill IV	I	N/A	N/A	N/A	08/21/2001	01-004S		
GW-522	Maintenance	Industrial Landfill IV	I	N/A	N/A	N/A	08/01/2001	01-003P		
GW-526	Inspection	S-3 Site	A	N/A	N/A	01-142	09/19/2001	N/A		2002
GW-526	Maintenance	S-3 Site	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-533	Maintenance	Lysimeter Demo	I	N/A	N/A	N/A	05/24/2002	01-016S		
GW-537	Maintenance	Oil Landfarm WMA	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-537	Maintenance	Oil Landfarm WMA	A	N/A	N/A	N/A	07/25/2001	01-002S		
GW-537	Inspection	Oil Landfarm WMA	A	N/A	N/A	01-016	02/06/2001	N/A		2002

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A		Well Inspection		Maintenance Request		Next Inspection
				Request Number	Number	Request Number	Number	Request Number(s)	Date	
GW-539	Maintenance	Industrial Landfill II	I	N/A	N/A	N/A	N/A	01-003P	08/01/2001	
GW-540	Maintenance	Industrial Landfill II	I	N/A	N/A	N/A	N/A	01-003P	08/01/2001	
GW-542	Maintenance	Construction/Demolition Landfill VI	I	N/A	N/A	N/A	N/A	01-003P	08/01/2001	
GW-543	Maintenance	Construction/Demolition Landfill VI	I	N/A	N/A	N/A	N/A	01-003P	08/01/2001	
GW-544	Maintenance	Construction/Demolition Landfill VI	I	N/A	N/A	N/A	N/A	01-003P	08/01/2001	
GW-552	Maintenance	South Side Chestnut Ridge	I	N/A	N/A	N/A	N/A	01-005S	03/20/2002	
GW-555	Maintenance	South Side Chestnut Ridge	I	N/A	N/A	N/A	N/A	01-005S	03/20/2002	
GW-557	Maintenance	Industrial Landfill V	A	N/A	N/A	N/A	N/A	01-001P	03/15/2001	
GW-557	Inspection	Industrial Landfill V	A	N/A	N/A	01-105	01-105	N/A	09/13/2001	2002
GW-563	Maintenance	South Side Chestnut Ridge	I	N/A	N/A	N/A	N/A	01-005S	03/20/2002	
GW-564	Maintenance	Construction/Demolition Landfill VII	I	N/A	N/A	N/A	N/A	01-004S	08/21/2001	
GW-564	Maintenance	Construction/Demolition Landfill VII	I	N/A	N/A	N/A	N/A	01-003P	08/01/2001	
GW-567	Maintenance	South Side Chestnut Ridge	I	N/A	N/A	N/A	N/A	01-005S	03/20/2002	
GW-569	Inspection	South Side Chestnut Ridge	I	N/A	N/A	01-038	01-038	N/A	04/04/2001	2004
GW-569	Maintenance	South Side Chestnut Ridge	I	N/A	N/A	N/A	N/A	01-005S	03/20/2002	
GW-576	Maintenance	South Side Chestnut Ridge	I	N/A	N/A	N/A	N/A	01-005S	03/20/2002	
GW-605	Inspection	Exit Pathway - Traverse I	A	N/A	N/A	01-106	01-106	N/A	09/24/2001	2002
GW-605	Maintenance	Exit Pathway - Traverse I	A	N/A	N/A	N/A	N/A	01-001P	03/15/2001	
GW-606	Inspection	Exit Pathway - Traverse I	A	N/A	N/A	01-107	01-107	N/A	09/24/2001	2002
GW-606	Maintenance	Exit Pathway - Traverse I	A	N/A	N/A	N/A	N/A	01-001P	03/15/2001	
GW-608	Inspection	Chestnut Ridge Security Pits	A	N/A	N/A	01-030	01-030	N/A	03/21/2001	2002
GW-608	Inspection	Chestnut Ridge Security Pits	A	N/A	N/A	01-108	01-108	N/A	09/24/2001	2002

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-608	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A	07/25/2001	01-002S	
GW-608	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A	03/15/2001	01-001P	
GW-609	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A	03/15/2001	01-001P	
GW-609	Inspection	Chestnut Ridge Security Pits	A	N/A	01-109	09/25/2001	N/A	2002
GW-612	Inspection	Chestnut Ridge Security Pits	A	N/A	01-036	03/29/2001	N/A	2002
GW-612	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A	07/25/2001	01-002S	
GW-612	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A	08/01/2001	01-003P	
GW-615	Inspection	S-3 Site	A	N/A	01-110	09/19/2001	N/A	2002
GW-615	Maintenance	S-3 Site	A	N/A	N/A	03/15/2001	01-001P	
GW-616	Maintenance	S-3 Site	A	N/A	N/A	07/25/2001	01-002S	
GW-616	Inspection	S-3 Site	A	N/A	01-033	03/27/2001	N/A	2002
GW-618	Maintenance	Exit Pathway - Traverse E	A	N/A	N/A	08/01/2001	01-003P	
GW-618	Inspection	Exit Pathway - Traverse E	A	N/A	01-143	09/26/2001	N/A	2002
GW-620	Maintenance	Fire Training Facility	A	N/A	N/A	08/01/2001	01-003P	
GW-620	Inspection	Fire Training Facility	A	N/A	01-045	04/25/2001	N/A	2002
GW-621	Maintenance	Exit Pathway - Traverse B	I	N/A	N/A	08/01/2001	01-003P	
GW-623	Maintenance	Bear Creek Burial Grounds WMA	I	N/A	N/A	02/22/2002	01-006S	
GW-625	Maintenance	Bear Creek Burial Grounds WMA	I	N/A	N/A	02/22/2002	01-006S	
GW-627	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	08/01/2001	01-003P	
GW-627	Inspection	Bear Creek Burial Grounds WMA	A	N/A	01-019	02/13/2001	N/A	2002
GW-627	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	07/25/2001	01-002S	
GW-628	Maintenance	Bear Creek Burial Grounds WMA	I	N/A	N/A	03/20/2002	01-005S	

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Well Number	Event Type	Location	Well Status	P&A		Well Inspection Number	Event Date	Maintenance Request		Next Inspection
				Request Number	Number			Number(s)	Number(s)	
GW-633	Maintenance	Rust Garage Area	I	N/A	N/A	N/A	09/27/2001	01-008P		
GW-633	Maintenance	Rust Garage Area	I	N/A	N/A	N/A	08/21/2001	01-004S		
GW-633	Maintenance	Rust Garage Area	I	N/A	N/A	N/A	08/01/2001	01-003P		
GW-633	Maintenance	Rust Garage Area	I	N/A	N/A	N/A	05/24/2002	01-016S		
GW-638	Maintenance	Oil Landfarm WMA	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-639	Inspection	Bear Creek Burial Grounds WMA	A	N/A	N/A	01-144	09/18/2001	N/A		2002
GW-653	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-653	Maintenance	Bear Creek Burial Grounds WMA	A	N/A	N/A	N/A	07/25/2001	01-002S		
GW-653	Inspection	Bear Creek Burial Grounds WMA	A	N/A	N/A	01-017	02/12/2001	N/A		2002
GW-656	Inspection	Y-12 Plant Site	A	N/A	N/A	01-063	05/24/2001	N/A		2002
GW-674	Maintenance	Filled Coal Ash Pond	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-677	Maintenance	Filled Coal Ash Pond	I	N/A	N/A	N/A	02/22/2002	01-006S		
GW-683	Maintenance	Exit Pathway - Traverse A	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-683	Inspection	Exit Pathway - Traverse A	A	N/A	N/A	01-002	01/09/2001	N/A		2002
GW-684	Inspection	Exit Pathway - Traverse A	A	N/A	N/A	01-001	01/09/2001	02-001S		2002
GW-684	Maintenance	Exit Pathway - Traverse A	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-685	Inspection	Exit Pathway - Traverse A	A	N/A	N/A	01-024	03/14/2001	N/A		2002
GW-685	Maintenance	Exit Pathway - Traverse A	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-690	Maintenance	Coal Pile Trench	I	N/A	N/A	N/A	08/01/2001	01-003P		
GW-692	Maintenance	Coal Pile Trench	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-693	Maintenance	Coal Pile Trench	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-695	Inspection	Exit Pathway - Traverse B	A	N/A	N/A	01-003	01/16/2001	N/A		2002

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Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-695	Maintenance	Exit Pathway - Traverse B	A	N/A	N/A	08/01/2001	01-003P	
GW-697	Maintenance	Y-12 Plant Site	I	N/A	N/A	03/20/2002	01-005S	
GW-698	Inspection	Building 8110	A	N/A	01-060	05/23/2001	N/A	2002
GW-698	Maintenance	Building 8110	A	N/A	N/A	10/11/2001	01-013P	
GW-698	Maintenance	Building 8110	A	N/A	N/A	08/21/2001	01-004S	
GW-700	Maintenance	Building 8110	I	N/A	N/A	08/01/2001	01-003P	
GW-703	Maintenance	Exit Pathway - Traverse B	A	N/A	N/A	08/01/2001	01-003P	
GW-703	Inspection	Exit Pathway - Traverse B	A	N/A	01-004	01/22/2001	N/A	2002
GW-704	Inspection	Exit Pathway - Traverse B	A	N/A	01-006	01/23/2001	N/A	2002
GW-704	Maintenance	Exit Pathway - Traverse B	A	N/A	N/A	08/01/2001	01-003P	
GW-704	Inspection	Exit Pathway - Traverse B	A	N/A	01-145	09/13/2001	N/A	2002
GW-706	Inspection	Exit Pathway - Traverse B	A	N/A	01-146	09/17/2001	N/A	2002
GW-706	Inspection	Exit Pathway - Traverse B	A	N/A	01-007	01/23/2001	N/A	2002
GW-706	Maintenance	Exit Pathway - Traverse B	A	N/A	N/A	08/01/2001	01-003P	
GW-709	Maintenance	Industrial Landfill II	I	N/A	N/A	08/01/2001	01-003P	
GW-710	Maintenance	Exit Pathway - Traverse W	I	N/A	N/A	05/24/2002	01-016S	
GW-712	Inspection	Exit Pathway - Traverse W	A	N/A	01-111	09/13/2001	N/A	2002
GW-712	Maintenance	Exit Pathway - Traverse W	A	N/A	N/A	03/15/2001	01-001P	
GW-713	Inspection	Exit Pathway - Traverse W	A	N/A	01-112	09/13/2001	N/A	2002
GW-713	Maintenance	Exit Pathway - Traverse W	A	N/A	N/A	03/15/2001	01-001P	
GW-714	Maintenance	Exit Pathway - Traverse W	A	N/A	N/A	03/15/2001	01-001P	
GW-714	Inspection	Exit Pathway - Traverse W	A	N/A	01-113	09/13/2001	N/A	2002

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Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-715	Inspection	Exit Pathway - Traverse W	A	N/A	01-114	09/13/2001	N/A	2002
GW-715	Maintenance	Exit Pathway - Traverse W	A	N/A	N/A	03/15/2001	01-001P	
GW-722	Inspection	Exit Pathway - Traverse J	A	N/A	01-147	09/20/2001	N/A	2002
GW-722	Maintenance	Exit Pathway - Traverse J	A	N/A	N/A	08/01/2001	01-003P	
GW-724	Maintenance	Exit Pathway - Traverse C	A	N/A	N/A	08/01/2001	01-003P	
GW-724	Inspection	Exit Pathway - Traverse C	A	N/A	01-010	01/25/2001	N/A	2002
GW-725	Inspection	Exit Pathway - Traverse C	A	N/A	01-005	01/22/2001	N/A	2002
GW-725	Maintenance	Exit Pathway - Traverse C	A	N/A	N/A	08/01/2001	01-003P	
GW-731	Inspection	Chestnut Ridge Sediment Disposal Basin	A	N/A	01-115	09/20/2001	N/A	2002
GW-731	Maintenance	Chestnut Ridge Sediment Disposal Basin	A	N/A	N/A	03/15/2001	01-001P	
GW-732	Maintenance	Chestnut Ridge Sediment Disposal Basin	A	N/A	N/A	03/15/2001	01-001P	
GW-732	Inspection	Chestnut Ridge Sediment Disposal Basin	A	N/A	01-116	09/20/2001	N/A	2002
GW-733	Maintenance	Exit Pathway - Traverse J	A	N/A	N/A	03/15/2001	01-001P	
GW-733	Inspection	Exit Pathway - Traverse J	A	N/A	01-117	09/19/2001	N/A	2002
GW-734	Maintenance	Exit Pathway - Traverse J	I	N/A	N/A	03/20/2002	01-005S	
GW-735	Maintenance	Exit Pathway - Traverse J	A	N/A	N/A	08/01/2001	01-003P	
GW-735	Inspection	Exit Pathway - Traverse J	A	N/A	01-055	05/08/2001	N/A	2002
GW-735	Maintenance	Exit Pathway - Traverse J	A	N/A	N/A	08/21/2001	01-004S	
GW-738	Inspection	Exit Pathway - Traverse C	A	N/A	01-009	01/24/2001	N/A	2002
GW-738	Maintenance	Exit Pathway - Traverse C	A	N/A	N/A	08/21/2001	01-004S	
GW-738	Maintenance	Exit Pathway - Traverse C	A	N/A	N/A	08/01/2001	01-003P	
GW-740	Inspection	Exit Pathway - Traverse C	A	N/A	01-008	01/24/2001	02-004S	2002

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Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-740	Maintenance	Exit Pathway - Traverse C	A	N/A	N/A	08/01/2001	01-003P	
GW-742	Maintenance	Chestnut Ridge Security Pits	I	N/A	N/A	03/20/2002	01-005S	
GW-744	Maintenance	Y-12 Grid Well K1	A	N/A	N/A	08/01/2001	01-003P	
GW-744	Inspection	Y-12 Grid Well K1	A	N/A	01-053	05/07/2001	N/A	2002
GW-747	Inspection	Y-12 Grid Well K2	A	N/A	01-054	05/07/2001	N/A	2002
GW-747	Maintenance	Y-12 Grid Well K2	A	N/A	N/A	08/01/2001	01-003P	
GW-750	Inspection	Exit Pathway - Traverse J	A	N/A	01-052	05/03/2001	N/A	2002
GW-750	Maintenance	Exit Pathway - Traverse J	A	N/A	N/A	08/01/2001	01-003P	
GW-757	Maintenance	Industrial Landfill II	I	N/A	N/A	08/01/2001	01-003P	
GW-758	Maintenance	Y-12 Grid Well G1	I	N/A	N/A	03/20/2002	01-005S	
GW-759	Maintenance	Y-12 Grid Well G1	I	N/A	N/A	03/20/2002	01-005S	
GW-762	Inspection	Y-12 Grid Well J-Primary	A	N/A	01-148	09/25/2001	N/A	2002
GW-762	Maintenance	Y-12 Grid Well J-Primary	A	N/A	N/A	08/01/2001	01-003P	
GW-763	Maintenance	Y-12 Grid Well J-Primary	A	N/A	N/A	04/15/2002	01-012P	
GW-763	Maintenance	Y-12 Grid Well J-Primary	A	N/A	N/A	08/01/2001	01-003P	
GW-763	Inspection	Y-12 Grid Well J-Primary	A	N/A	01-044	04/25/2001	N/A	2002
GW-769	Inspection	Y-12 Grid Well G3	A	N/A	01-041	04/17/2001	N/A	2002
GW-769	Maintenance	Y-12 Grid Well G3	A	N/A	N/A	08/01/2001	01-003P	
GW-770	Inspection	Y-12 Grid Well G3	A	N/A	01-040	04/17/2001	N/A	2002
GW-770	Maintenance	Y-12 Grid Well G3	A	N/A	N/A	08/01/2001	01-003P	
GW-771	Maintenance	Y-12 Grid Well C1	A	N/A	N/A	08/01/2001	01-003P	
GW-771	Inspection	Y-12 Grid Well C1	A	N/A	01-058	05/22/2001	N/A	2002

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-772	Inspection	Y-12 Grid Well C1	A	N/A	01-059	05/22/2001	N/A	2002
GW-772	Maintenance	Y-12 Grid Well C1	A	N/A	N/A	08/01/2001	01-003P	
GW-782	Maintenance	Y-12 Grid Well E3	A	N/A	N/A	08/01/2001	01-003P	
GW-782	Inspection	Y-12 Grid Well E3	A	N/A	01-042	04/18/2001	N/A	2002
GW-783	Maintenance	Y-12 Grid Well E3	I	N/A	N/A	08/01/2001	01-003P	
GW-784	Maintenance	Y-12 Grid Well D1	A	N/A	N/A	08/01/2001	01-003P	
GW-784	Inspection	Y-12 Grid Well D1	A	N/A	01-056	05/21/2001	N/A	2002
GW-785	Inspection	Y-12 Grid Well D1	A	N/A	01-057	05/21/2001	N/A	2002
GW-785	Maintenance	Y-12 Grid Well D1	A	N/A	N/A	08/01/2001	01-003P	
GW-788	Maintenance	Y-12 Grid Well F3	I	N/A	N/A	03/20/2002	01-005S	
GW-789	Maintenance	Y-12 Grid Well F3	A	N/A	N/A	08/21/2001	01-004S	
GW-789	Maintenance	Y-12 Grid Well F3	A	N/A	N/A	08/01/2001	01-003P	
GW-789	Inspection	Y-12 Grid Well F3	A	N/A	01-039	04/16/2001	N/A	2002
GW-791	Maintenance	Y-12 Grid Well D2	I	N/A	N/A	08/01/2001	01-003P	
GW-796	Maintenance	Industrial Landfill V	A	N/A	N/A	03/15/2001	01-001P	
GW-796	Inspection	Industrial Landfill V	A	N/A	01-118	09/13/2001	N/A	2002
GW-797	Maintenance	Industrial Landfill V	A	N/A	N/A	08/01/2001	01-003P	
GW-798	Maintenance	Construction/Demolition Landfill VII	A	N/A	N/A	03/15/2001	01-001P	
GW-798	Inspection	Construction/Demolition Landfill VII	A	N/A	01-119	09/13/2001	N/A	2002
GW-799	Inspection	Industrial Landfill V	A	N/A	01-120	09/13/2001	N/A	2002
GW-799	Maintenance	Industrial Landfill V	I	N/A	N/A	03/15/2001	01-001P	
GW-801	Maintenance	Industrial Landfill V	A	N/A	N/A	03/15/2001	01-001P	

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A Request Number	Well Inspection Number	Event Date	Maintenance Request Number(s)	Next Inspection
GW-801	Inspection	Industrial Landfill V	A	N/A	01-121	09/13/2001	N/A	2002
GW-802	Maintenance	Y-12 Fuel Station	I	N/A	N/A	03/20/2002	01-005S	
GW-804	Maintenance	Y-12 Fuel Station	I	N/A	N/A	03/20/2002	01-005S	
GW-812	Maintenance	Spoil Area I	I	N/A	N/A	02/22/2002	01-006S	
GW-816	Inspection	Exit Pathway Scarboro Road/Pine Ridge	A	N/A	01-051	05/03/2001	N/A	2002
GW-816	Maintenance	Exit Pathway Scarboro Road/Pine Ridge	A	N/A	N/A	08/01/2001	01-003P	
GW-818	Maintenance	Building 9201-2	I	N/A	N/A	03/20/2002	01-005S	
GW-819	Maintenance	Building 9201-2	I	N/A	N/A	03/20/2002	01-005S	
GW-820	Maintenance	Building 9201-2	I	N/A	N/A	08/21/2001	01-004S	
GW-820	Maintenance	Building 9201-2	I	N/A	N/A	08/01/2001	01-003P	
GW-821	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-822	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-823	Maintenance	Gum Branch Road	I	N/A	N/A	03/20/2002	01-005S	
GW-825	Maintenance	Industrial Landfill II	I	N/A	N/A	03/20/2002	01-005S	
GW-826	Maintenance	Industrial Landfill II	I	N/A	N/A	03/20/2002	01-005S	
GW-827	Maintenance	Construction/Demolition Landfill VI	I	N/A	N/A	08/01/2001	01-003P	
GW-829	Maintenance	S-3 Site	A	N/A	N/A	08/01/2001	01-003P	
GW-829	Inspection	S-3 Site	A	N/A	01-012	01/29/2001	N/A	2002
GW-829	Maintenance	S-3 Site	A	N/A	N/A	07/25/2001	01-002S	
GW-830	Maintenance	TSD Facility, Blair Road	I	N/A	N/A	03/20/2002	01-005S	
GW-831	Maintenance	Chestnut Ridge Security Pits	A	N/A	N/A	03/15/2001	01-001P	
GW-831	Inspection	Chestnut Ridge Security Pits	A	N/A	01-122	09/29/2001	N/A	2002

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A		Well Inspection Number	Event Date	Maintenance Request		Next Inspection
				Request Number	Number			Request Number(s)	Number(s)	
GW-832	Maintenance	New Hope Pond	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-832	Inspection	New Hope Pond	A	N/A	N/A	01-149	09/20/2001	N/A		2002
GW-832	Maintenance	New Hope Pond	A	N/A	N/A	N/A	08/21/2001	01-004S		
GW-833	Maintenance	Y-12 Plant Site	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-834	Maintenance	S-3 Ponds	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-835	Inspection	S-3 Ponds	A	N/A	N/A	01-150	09/19/2001	01-BJC-0025		2002
GW-835	Maintenance	S-3 Ponds	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-836	Maintenance	S-3 Ponds	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-839	Maintenance	Pine Ridge	I	02012001	N/A	N/A	03/20/2002	01-005S		
GW-841	Maintenance	South Campus Facility, Bethel Valley	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-841	Inspection	South Campus Facility, Bethel Valley	A	N/A	N/A	01-151	09/26/2001	01-BJC-0065		2002
GW-842	Maintenance	South Campus Facility, Bethel Valley	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-842	Maintenance	South Campus Facility, Bethel Valley	A	N/A	N/A	N/A	02/22/2002	01-006S		
GW-842	Inspection	South Campus Facility, Bethel Valley	A	N/A	N/A	01-152	09/26/2001	N/A		2002
GW-843	Maintenance	South Campus Facility, Bethel Valley	A	N/A	N/A	N/A	02/22/2002	01-006S		
GW-843	Inspection	South Campus Facility, Bethel Valley	A	N/A	N/A	01-153	09/26/2001	01-BJC-007S		2002
GW-843	Maintenance	South Campus Facility, Bethel Valley	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-844	Maintenance	South Campus Facility, Bethel Valley	I	N/A	N/A	N/A	02/22/2002	01-006S		
GW-844	Maintenance	South Campus Facility, Bethel Valley	A	N/A	N/A	N/A	08/01/2001	01-003P		
GW-844	Inspection	South Campus Facility, Bethel Valley	A	N/A	N/A	01-154	09/26/2001	01-BJC-005S		2002
GW-845	Maintenance	Y-12 Plant Site	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-854	Maintenance	S-3 Ponds	I	N/A	N/A	N/A	03/20/2002	01-005S		

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A		Well Inspection Number	Event Date	Maintenance Request		Next Inspection
				Request Number	Number			Number(s)		
GW-855	Maintenance	S-3 Ponds	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-865	Maintenance	Boneyard/Burnyard	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-866	Maintenance	Boneyard/Burnyard	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-867	Maintenance	Boneyard/Burnyard	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-873	Maintenance	Boneyard/Burnyard	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-874	Maintenance	Boneyard/Burnyard	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-875	Maintenance	Boneyard/Burnyard	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-876	Maintenance	Boneyard/Burnyard	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-880	Maintenance	S-3 Ponds	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-883	Maintenance	S-3 Ponds	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-902	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-906	Maintenance	Oil Landfarm WMA	I	01172001	N/A	N/A	03/20/2002	01-005S		
GW-907	Maintenance	Oil Landfarm WMA	I	01302001	N/A	N/A	03/20/2002	01-005S		
GW-908	Maintenance	Oil Landfarm WMA	I	01292001	N/A	N/A	03/20/2002	01-005S		
GW-909	Maintenance	Oil Landfarm WMA	I	01292001	N/A	N/A	03/20/2002	01-005S		
GW-911	Maintenance	Oil Landfarm WMA	I	01302001	N/A	N/A	03/20/2002	01-005S		
GW-912	Maintenance	Oil Landfarm WMA	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-913	Maintenance	Oil Landfarm WMA	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-914	Maintenance	Oil Landfarm WMA	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-915	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
GW-916	Inspection	EMWMF	A	N/A	01-156		09/26/2001	N/A		2002
GW-916	Maintenance	EMWMF	A	N/A	N/A	N/A	08/01/2001	01-003P		

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A		Well Inspection Number	Event Date	Maintenance Request		Next Inspection
				Request Number	Number			Number(s)	Number(s)	
GW-917	Inspection	EMWMF	A	N/A	01-157		09/26/2001	N/A		2002
GW-917	Maintenance	EMWMF	A	N/A	N/A		08/01/2001	01-003P		
GW-918	Inspection	EMWMF	A	N/A	01-158		09/26/2001	N/A		2002
GW-918	Maintenance	EMWMF	A	N/A	N/A		08/01/2001	01-003P		
GW-920	Maintenance	EMWMF	A	N/A	N/A		08/01/2001	01-003P		
GW-920	Inspection	EMWMF	A	N/A	01-159		09/26/2001	N/A		2002
GW-921	Inspection	EMWMF	A	N/A	01-160		09/26/2001	N/A		2002
GW-921	Maintenance	EMWMF	A	N/A	N/A		08/01/2001	01-003P		
GW-922	Inspection	EMWMF	A	N/A	01-166		09/26/2001	N/A		2002
GW-922	Maintenance	EMWMF	A	N/A	N/A		08/01/2001	01-003P		
GW-923	Maintenance	EMWMF	A	N/A	N/A		08/01/2001	01-003P		
GW-923	Inspection	EMWMF	A	N/A	01-161		09/26/2001	N/A		2002
GW-924	Inspection	EMWMF	A	N/A	01-162		09/26/2001	N/A		2002
GW-924	Maintenance	EMWMF	A	N/A	N/A		08/01/2001	01-003P		
GW-925	Inspection	EMWMF	A	N/A	01-163		09/26/2001	N/A		2002
GW-925	Maintenance	EMWMF	A	N/A	N/A		08/01/2001	01-003P		
GW-926	Maintenance	EMWMF	A	N/A	N/A		08/01/2001	01-003P		
GW-926	Inspection	EMWMF	A	N/A	01-164		09/26/2001	N/A		2002
GW-927	Inspection	EMWMF	A	N/A	01-165		09/26/2001	N/A		2002
GW-927	Maintenance	EMWMF	I	N/A	N/A		08/01/2001	01-003P		
LL/HAZ-01	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		
LL/HAZ-02	Maintenance	Gum Branch Road	I	N/A	N/A		03/20/2002	01-005S		

Well Inspection/Maintenance Summary

Well Number	Event Type	Location	Well Status	P&A		Well Inspection		Event Date	Maintenance	
				Request Number	Inspection Number	Request Number(s)	Next Inspection			
LL/HAZ-05	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
LL/HAZ-07	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
LL/HAZ-08	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
LL/HAZ-09	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
LL/HAZ-10	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
LL/HAZ-13	Maintenance	Gum Branch Road	I	N/A	N/A	N/A	03/20/2002	01-005S		
SCR1.5S	Maintenance	Exit Pathway Spring/Surface Water	I	N/A	N/A	N/A	07/25/2001	01-002S		
SCR2.1SP	Maintenance	Exit Pathway Spring/Surface Water	I	N/A	N/A	N/A	07/25/2001	01-002S		
SCR2.2SP	Maintenance	Exit Pathway Spring/Surface Water	I	N/A	N/A	N/A	07/25/2001	01-002S		
SCR2.2S	Maintenance	Exit Pathway Spring/Surface Water	I	N/A	N/A	N/A	07/25/2001	01-002S		
SCR3.4SP	Maintenance	Exit Pathway Spring/Surface Water	I	N/A	N/A	N/A	07/25/2001	01-002S		
SCR4.4S	Maintenance	Exit Pathway Spring/Surface Water	I	N/A	N/A	N/A	07/25/2001	01-002S		
SCR5.1SP	Maintenance	Exit Pathway Spring/Surface Water	I	N/A	N/A	N/A	07/25/2001	01-002S		
SCR5.2SP	Maintenance	Exit Pathway Spring/Surface Water	I	N/A	N/A	N/A	07/25/2001	01-002S		
SCR5.4SP	Maintenance	Exit Pathway Spring/Surface Water	I	N/A	N/A	N/A	07/25/2001	01-002S		

*** End of Report ***

APPENDIX B

ACTIVE WELL INSPECTIONS

SITE EXPLANATION

8110	Building 8110
ADB	Ash Disposal Basin
AGLLWSF	Above Grade Low-Level Waste Storage Facility
B4	Beta-4 Security Pits
BCBG	Bear Creek Burial Grounds
BYBY	Boneyard/Burnyard Area
CDL VI	Construction/Demolition Landfill VI
CDL VII	Construction/Demolition Landfill VII
CRBAWP	Chestnut Ridge Borrow Area and Waste Pile
CPT	Coal Pile Trench
CRDT-10	Chestnut Ridge Deer Trap 10
CRSDB	Chestnut Ridge Sediment Disposal Basin
CRSP	Chestnut Ridge Security Pits
ECRWP	East Chestnut Ridge Wastepile
EMWMF	Environmental Management Waste Management Facility
EXP	Exit Pathway Transects A, B, C, J, W, UV(Union Valley)
FCAP	Filled Coal Ash Pond
FTF	Bldgs. 9754 & 9754-2 Fuel Facility
GRID	Groundwater Contaminant Assessment Program – Grid wells
Gum Branch	Gum Branch Rd – Research Area
L II	Industrial Landfill II
L IV	Industrial Landfill IV
L V	Industrial Landfill V
KHQ	Kerr Hollow Quarry
LDS	Lysimeter Demo Site
NHP	New Hope Pond
OLF	Oil Landfarm
ORSF	Oak Ridge Sludge Farm
OSY	Y-12 Old Salvage Yard
RDS	Ravine Disposal Site
RG	Rust Garage
RQ	Rogers Quarry
RS	Rust Spoil Area
SCF	South Campus Facility - Bethel Valley
S2	S2 Site
S3	S3 Site (S-3 Pond Area)
SPI	Spoil Area I
SY	Y-12 Salvage Yard
UNCS	United Nuclear Corporation Site
UV	Union Valley
UOV	Uranium Oxide Vault
WCPA	Waste Coolant Processing Area
Y-12	Y-12 National Security Complex

#01-155

Inspected By: SM Sullivan
 Superintendent Review/Approval: HM Clancy

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
01-065

WELL INFORMATION			
Well Number: <u>GW-008</u>	Screen Or Open Interval: <u>5.0</u>		
Site: <u>OLF</u>	Constructed Depth: <u>20.7</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed?	☐	☒	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>19.81</u>	ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>.173</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☐	☒
2. 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 Items	☐ Secondary Items		
Request numbers for maintenance performed on this well: _____			
COMMENTS			
Nail log of bottom			

Inspected By: SP Klein

Inspection Date: 9-18-01

Superintendent Review/Approval: BBW/land

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-066

WELL INFORMATION	
Well Number: <u>GL-010</u>	Screen Or Open Interval: <u>5.0</u>
Site: <u>DF</u>	Constructed Depth: <u>12.7 dgs</u>
PRIMARY INSPECTION ITEMS	
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☐ ☐
2. Is the PVC well casing cracked or broken?	☐ ☐ ☒
3. Is a protective surface casing installed?	☐ ☒ ☐
4. Is the protective surface casing corroded, bent, or broken?	☐ ☐ ☐
5. Is a weep located at the base of the protective casing?	☐ ☒ ☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☐ ☐
WELL SECURITY:	
1. Does the well have a cap or lid?	☐ ☒ ☐
2. Does the well have a waterproof steel/brass lock?	☐ ☒ ☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐ ☒ ☐
DOWNHOLE CONDITION:	
1. Is a measurement reference point marked on the top of the well casing?	☐ ☒ ☐
2. Measured depth of well from top of well casing:	<u>17.42</u> ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>N/A</u> %
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒ ☐ ☐
5. Do any obstructions occur within the well?	☒ ☐ ☐
SECONDARY INSPECTION ITEMS	
WELL 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 plate with engraved well number attached to the outermost casing?	☐ ☒ ☐
2. Is the well number legible?	☐ ☒ ☐
3. Is the well identification number correct?	☐ ☒ ☐
CONCRETE PAD:	
1. Is a concrete pad installed (active wells only)?	☐ ☒ ☐
2. 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 Items	☐ Secondary Items
Request numbers for maintenance performed on this well: _____	
COMMENTS	
<i>Hand tag of bottom</i>	

Inspected By: SM Salen

Inspection Date: 9-18-01

Superintendent Review/Approval: BSB

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
01 - 067

WELL INFORMATION																													
Well Number: <u>GW-012</u>	Screen Or Open Interval: <u>2.0</u>																												
Site: <u>OLF</u>	Constructed Depth: <u>17.70</u>																												
PRIMARY INSPECTION ITEMS																													
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☐ Primary Items	☐ Secondary Items																												
Request numbers for maintenance performed on this well: _____																													
COMMENTS																													
<u>Hard tag of bottom</u>																													

Inspected By:

STP/Seam

Inspection Date:

9-18-01

Superintendent Review/Approval:

B. B. Wayland

Date:

10/1/01

Revision No.: 1

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-068

WELL INFORMATION	
Well Number: <u>GW-014</u>	Screen Or Open Interval: <u>2.0</u>
Site: <u>BCB15</u>	Constructed Depth: <u>13.2</u>
PRIMARY INSPECTION ITEMS	
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☒ ☐
2. Is the PVC well casing cracked or broken?	☐ ☒ ☒
3. Is a protective surface casing installed?	☒ ☒ ☐
4. Is the protective surface casing corroded, bent, or broken?	☒ ☒ ☐
5. Is a weep located at the base of the protective casing?	☐ ☒ ☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☒ ☐
WELL SECURITY:	
1. Does the well have a cap or lid?	☒ ☒ ☐
2. Does the well have a waterproof steel/brass lock?	☒ ☒ ☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒ ☒ ☐
DOWNHOLE CONDITION:	
1. Is a measurement reference point marked on the top of the well casing?	☒ ☒ ☐
2. Measured depth of well from top of well casing:	<u>15.07</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)?	☒ ☒ ☐
5. Do any obstructions occur within the well?	☒ ☒ ☐
SECONDARY INSPECTION ITEMS	
WELL 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 plate with engraved well number attached to the outermost casing?	☒ ☒ ☐
2. Is the well number legible?	☒ ☒ ☐
3. Is the well identification number correct?	☒ ☒ ☐
CONCRETE PAD:	
1. Is a concrete pad installed (active wells only)?	☒ ☒ ☐
2. 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 Items	☐ Secondary Items
Request numbers for maintenance performed on this well: _____	
COMMENTS	
<u>Hand tag at bottom</u>	

Inspected By: _____

[Signature]

Inspection Date: 9-17-01

Superintendent Review/Approval: _____

[Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-069

WELL INFORMATION			
Well Number: <u>GW-046</u>	Screen Or Open Interval: <u>10.0</u>		
Site: <u>BCBL</u>	Constructed Depth: <u>18.1</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed?		☐	☒
4. Is the protective surface casing corroded, bent, or broken?		☒	☐
5. Is a weep located at the base of the protective casing?		☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		<u>17.73</u>	ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>.028</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Total depth could be top of pad? SWS 9-17-01 David Vogt of Western</u>			

Inspected By: SM Seiler

Inspection Date: 9-17-01

Superintendent Review/Approval: B. B. Wainwright

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-018

WELL INFORMATION				
Well Number: <u>Am-053</u>	Screen Or Open Interval: <u>5.00</u>	Constructed Depth: <u>32.90 + 0.60 = 40.5</u>		
Site: <u>B6</u>				
PRIMARY INSPECTION ITEMS				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?		☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?		☒	☒	☐
3. Is a weep located at the base of the protective casing?		☒	☐	☒
4. Is the well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?		☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?		☒	☐	☒
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)		☒	☐	☐
2. Measured depth of well from top of well casing:		35.72 - 29.25 ft. ^{9 1/2}		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		0.95 %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?		☐	☒	☐
5. Do any obstructions occur within the well?		☐	☒	☐
SECONDARY INSPECTION ITEMS				
WELL 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 plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?		☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?		☐	☒	☒
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 this section if at least one shaded box has a check mark:				
☐ Primary Items		☐ Secondary Items		
Maintenance Request Number (from request form): _____				
COMMENTS				
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>		
Δ TOWW/TOC = <u>.60</u> ft.				

Inspection Date: 2/12/01Inspected By: AFH/mB

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-037

WELL INFORMATION

Well Number: W-056
Site: EXP-AScreen Or Open Interval: 2.00
Constructed Depth: 59.30 + 0.77 = 60.07

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

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

NO YES N/A

2. Is the protective surface casing corroded, bent, or broken?

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

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

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

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

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)

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

59.77 ft.

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

0.15 %4. Is this value ≥ 0.2 (20% of screen or open-hole interval under sediment)?

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 plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

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

2. Is the pad cracked or deteriorated?

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

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

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 this section if at least one shaded box has a check mark

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well solid or soft?Is dedicated sampling equipment present? yeswell tag reverified as requested.TOWW/TOC = .77 ft.

Inspection Date

4/4/01

Inspected By

MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-070

WELL INFORMATION																													
Well Number: <u>G10-269</u> Site: <u>BCBL</u>	Screen Or Open Interval: <u>10.0</u> Constructed Depth: <u>99.2</u>																												
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 align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☒</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☒</td> <td 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?	☒	☒	☐	4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐	5. Is a weep located at the base of the protective casing?	☒	☒	☐	6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
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<u>Hard tag of bottom</u>																													

Inspected By: SM Seaver

Inspection Date: 9-17-01

Superintendent Review/Approval: BB Wayland

Date: 10/01/01

Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-071

WELL INFORMATION						
Well Number:	<u>BW-071</u>		Screen Or Open Interval:	<u>10.6</u>		
Site:	<u>BCBL</u>		Constructed Depth:	<u>219.0</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☐ Steel	☒ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☐	☐	
2. Is the PVC well casing cracked or broken?			☐	☐	☒	
3. Is a protective surface casing installed?			☐	☒	☐	
4. Is the protective surface casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☐	☒	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:			<u>✓ 213.20</u> ft			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>.08</u> %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?			☐	☒	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☒	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Hand dug to bottom</u>						

Inspected By: S. Pelicci

Inspection Date: 9-17-01

Superintendent Review/Approval: B. W. [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
01-072

WELL INFORMATION			
Well Number: <u>GW-75</u>	Screen Or Open Interval: <u>20.0</u>		
Site: <u>DLE</u>	Constructed Depth: <u>199.6</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed?	☐	☒	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	✓	<u>199.7</u>	ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>.09</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. 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 Items	☐ Secondary Items		
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand tag of bottom</u>			

Inspected By: SM Swan

Inspection Date: 9-13-01

Superintendent Review/Approval: BB Wagland

Date: 10/01/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

01-123

WELL INFORMATION

Well Number: GW-077

Site: BCBL

Screen Or Open Interval: 10.0

Constructed Depth: 100.30 B&S

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☐ Steel

☒ Stainless Steel

☐ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

☒	☐	☐
☐	☐	☒
☐	☒	☐
☒	☐	☐
☐	☐	☒
☒	☐	☐

WELL SECURITY:

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

☐	☒	☐
☐	☒	☐
☐	☒	☐

DOWNHOLE CONDITION:

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?

☐	☒	☐
<u>95.20</u>		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?

NO	YES	N/A
☒	☐	☐
☒	☐	☐

Explain: _____

WELL IDENTIFICATION:

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

☐	☒	☐
☐	☒	☐
☐	☒	☐

CONCRETE PAD:

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

☒ Secondary Items

Request numbers for maintenance performed on this well: 01-BJC-0015

COMMENTS

Inspected By: SMK

Inspection Date: 9-17-01

Superintendent Review/Approval: Huchanay

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-124

WELL INFORMATION						
Well Number: <u>GW-073</u>	Screen Or Open Interval: <u>5.5</u>					
Site: <u>BC60</u>	Constructed Depth: <u>24.10</u>					
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☐ Steel	☒ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☐	☐	
2. Is the PVC well casing cracked or broken?			☐	☐	☒	
3. Is a protective surface casing installed?			☐	☒	☐	
4. Is the protective surface casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☐	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:			<u>24.0</u>		ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>.002</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?			☐	☒	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☐	☒	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						

Inspected By: SK

Inspection Date: 9-17-07

Superintendent Review/Approval: H McClary

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

01-125

WELL INFORMATION				
Well Number: <u>02W-079</u>	Screen Or Open Interval: <u>5.0</u>			
Site: <u>BCEB6</u>	Constructed Depth: <u>64.90</u>			
PRIMARY INSPECTION ITEMS				
WELL CASINGS: 1. Is the steel or stainless steel well casing corroded, bent, or broken? 2. Is the PVC well casing cracked or broken? 3. Is a protective surface casing installed? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?	☐ Steel ☒ Stainless Steel ☐ PVC	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?		☐	☒	☐
	<u>59.73</u> ft Top of % Rwp			
		☐	☐	☒
		☒	☐	☐
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 plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?		☐	☒	☐
		☐	☒	☐
		☐	☒	☐
CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. 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 Items ☐ Secondary Items				
Request numbers for maintenance performed on this well: _____				
COMMENTS				

Inspected By: SAK

Inspection Date: 9-17-01

Superintendent Review/Approval: HMcLaney

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#61-126**

WELL INFORMATION			
Well Number: <u>6W-080</u>	Screen Or Open Interval: <u>5.0</u>	Constructed Depth: <u>33.30</u>	
Site: <u>BCB6</u>			
PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed?	☐	☒	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>33.84</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.) block access to well?	☒	☐	☐
Explain: _____			
WELL IDENTIFICATION:			
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. 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 Items ☐ Secondary Items			
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>May not get as 9-17-01</u>			

Inspected By: Superior

Superintendent Review/Approval: Huclanay

Inspection Date: 9-17-01

Date: 03/20/02

**1-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-073

WELL INFORMATION			
Well Number: <u>CU-052</u>	Screen Or Open Interval: <u>5.0</u>		
Site: <u>BCLF</u>	Constructed Depth: <u>39.4</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? 4. Is the protective surface casing corroded, bent, or 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?	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?	NO YES N/A ☐ ☒ ☐ 34.1 ft .86 % ☒ ☒ ☐ ☒ ☒ ☐		
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 plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	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?	NO YES N/A ☐ ☒ ☐ ☒ ☒ ☐ ☒ ☒ ☐		
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?	NO YES N/A ☒ ☒ ☐ ☐ ☒ ☐ ☐ ☒ ☐ ☒ ☒ ☐		
WELL MAINTENANCE REQUEST			
Complete only if any of the above shaded yes/no boxes are checked: <div style="display: flex; justify-content: space-around;"> ☐ Primary Items ☐ Secondary Items </div>			
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand log of bottom</u>			

Inspected By: [Signature]

Inspection Date: 9-17-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-020

WELL INFORMATION

Well Number: CW-002
 Site: BSG

Screen or Open Interval: 5.00
 Constructed Depth: 37.82 + 0.57 = 38.39

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☐	☐
2. Measured depth of well from top of well casing:	<u>34.14</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☐	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL 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: locked gate, gw key on gate

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒

GUARD POSTS:

	NO	YES	N/A
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 this section if at least one shaded box has a check mark:

☒ Primary Items ☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft? _____ Is dedicated sampling equipment present? yes

Road is washed out pretty good!

TOC- 34.40 TOWW/TOC = .57 ft.

Inspection Date: 2/13/01

Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-014

WELL INFORMATION			
Well Number: <u>GW-085</u>	Screen Or Open Interval: <u>5.00</u>		
Site: <u>OLF</u>	Constructed Depth: <u>41.90 + 0.57 = 42.47</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel <u>24/10</u> ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☐	☒
4. Is the well casing loose?	☐	☒	☒
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>62.40 - 57.94</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.614</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
$\Delta(TOWW) TOC = .57$ ft.			

Inspection Date: 2/5/01Inspected By: WMB/AFH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-022

WELL INFORMATION				
Well Number: <u>GW-098</u>	Screen Or Open Interval: <u>21.00</u>			
Site: <u>OLF</u>	Constructed Depth: <u>106.20 + 0.25</u>			
PRIMARY INSPECTION ITEMS				
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?		☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?		☒	☐	☐
3. Is a weep located at the base of the protective casing?		☐	☒	☐
4. Is the well casing loose?		☒	☐	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☐	☒	☐
2. Does the well have a waterproof steel/brass lock?		☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?		☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?		☐	☐	☒
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)		☐	☐	☐
2. Measured depth of well from top of well casing:		<u>104.96</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>0.09</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?		☒	☐	☐
5. Do any obstructions occur within the well?		☒	☐	☐
SECONDARY INSPECTION ITEMS				
WELL 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>Construction going on! barrier between road + well.</u>				
WELL IDENTIFICATION:				
1. Is a stainless plate with engraved well number attached to the outermost casing?		☐	☒	☐
2. Is the well number legible?		☐	☒	☐
3. Is the well identification number correct?		☐	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☐	☒	☐
2. Is the pad cracked or deteriorated?		☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?		☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?		☐	☐	☒
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 this section if at least one shaded box has a check mark:				
☐ Primary Items	☒ Secondary Items			
Maintenance Request Number (from request form): <u>No WMR - can't remove until construction is complete</u>				
COMMENTS				
Bottom of the well: solid or <u>soft?</u>		Is dedicated sampling equipment present? <u>yes</u>		
ATOWW/TOC = .25 ft.				

**1-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-074

WELL INFORMATION						
Well Number:	<u>GW-101</u>		Screen Or Open Interval:	<u>4.0</u>		
Site:	<u>S-3 site</u>		Constructed Depth:	<u>19.8</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☐ Steel	☐ Stainless Steel	☒ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☒	☐	
3. Is a protective surface casing installed?			☒	☒	☐	
4. Is the protective surface casing corroded, bent, or broken?			☒	☒	☐	
5. Is a weep located at the base of the protective casing?			☒	☒	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>19.77</u>			ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>.07</u>			%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Hand dug to bottom</u>						

Inspected By: SK

Inspection Date: 9-19-01

Superintendent Review/Approval: BBW

Date: 10/01/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-075

WELL INFORMATION																													
Well Number: <u>64-108</u>	Screen Or Open Interval: <u>9.0</u>																												
Site: <u>S-3 site</u>	Constructed Depth: <u>58.6</u>																												
PRIMARY INSPECTION ITEMS																													
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </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?	☐	☒	☐	4. Is the protective surface casing corroded, bent, or 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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WELL SECURITY: 1. Does the well have a cap or 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;"> <tr> <td></td> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> <tr> <td>1. Does the well have a cap or lid?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>2. Does the well have a waterproof steel/brass lock?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>3. Are the hasps firmly welded to well cap and/or metal casing?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </table>		NO	YES	N/A	1. Does the well have a cap or lid?	☐	☒	☐	2. Does the well have a waterproof steel/brass lock?	☐	☒	☐	3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐												
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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;"> <tr> <td></td> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> <tr> <td>1. Is a measurement reference point marked on the top of the well casing?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>2. Measured depth of well from top of well casing:</td> <td align="center" colspan="3"><u>59.35</u> ft</td> </tr> <tr> <td>3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length</td> <td align="center" colspan="3"><u>5/4</u> %</td> </tr> <tr> <td>4. Is this value > 0.2 (represents % of screen or open - hole interval)?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>5. Do any obstructions occur within the well?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </table>		NO	YES	N/A	1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐	2. Measured depth of well from top of well casing:	<u>59.35</u> ft			3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>5/4</u> %			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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Complete only if any of the above shaded yes/no boxes are checked:																													
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Request numbers for maintenance performed on this well: _____																													
COMMENTS																													
<u>Hand tag of bottom</u>																													

Inspected By: SM/Seim

Inspection Date: 9/19/01

Superintendent Review/Approval: BBWingland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-076

WELL INFORMATION			
Well Number: <u>242-109</u> ✓	Screen Or Open Interval: <u>19.0</u>		
Site: <u>5-3 site</u>	Constructed Depth: <u>123.0</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☒	☐
3. Is a protective surface casing installed?	☒	☒	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>125.0</u>		ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>n/a</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. 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 Items ☐ Secondary Items			
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand dig of bottom</u>			

Inspected By: _____

S. K. K.

Inspection Date: _____

9-19-07

Superintendent Review/Approval: _____

B. B. Wayland

Date: _____

10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-077

WELL INFORMATION	
Well Number: <u>BW-115</u>	Screen Or Open Interval: <u>10.0</u>
Site: <u>S-3 site</u>	Constructed Depth: <u>52.0</u>
PRIMARY INSPECTION ITEMS	
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	
	NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☐ ☐
2. Is the PVC well casing cracked or broken?	☐ ☐ ☒
3. Is a protective surface casing installed?	☐ ☒ ☐
4. Is the protective surface casing corroded, bent, or broken?	☒ ☐ ☐
5. Is a weep located at the base of the protective casing?	☐ ☒ ☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☐ ☐
WELL SECURITY:	
1. Does the well have a cap or lid?	☐ ☒ ☐
2. Does the well have a waterproof steel/brass lock?	☐ ☒ ☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐ ☒ ☐
DOWNHOLE CONDITION:	
1. Is a measurement reference point marked on the top of the well casing?	☐ ☒ ☐
2. Measured depth of well from top of well casing:	✓ <u>45.67</u> ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>274</u> %
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐ ☐ ☒
5. Do any obstructions occur within the well?	☐ ☐ ☒
SECONDARY INSPECTION ITEMS	
WELL 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 plate with engraved well number attached to the outermost casing?	☐ ☒ ☐
2. Is the well number legible?	☐ ☒ ☐
3. Is the well identification number correct?	☐ ☒ ☐
CONCRETE PAD:	
1. Is a concrete pad installed (active wells only)?	☐ ☒ ☐
2. 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 Items	☐ Secondary Items
Request numbers for maintenance performed on this well: _____	
COMMENTS	
<u>NOTE TO: May be to top of pump. Cannot lift pump.</u>	

Inspected By: SMG/Gien

Inspection Date: 9-19-01

Superintendent Review/Approval: Blumland

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-025

WELL INFORMATION

Well Number: GW-124
 Site: 5-3

Screen Or ~~Open~~ Interval: 50.00
 Constructed Depth: 152.87 + 0.21 = 153.08

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☐	☐
2. Measured depth of well from top of well casing:	<u>153.71</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>- 0.013</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS

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

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒

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 this section if at least one shaded box has a check mark:

☐ Primary Items ☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft? Is dedicated sampling equipment present? yes

ΔTOWW TOC = .21 ft.

Inspection Date: 3/19/01

Inspected By: WB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-078

WELL INFORMATION						
Well Number:	<u>060-127</u>		Screen Or Open Interval:	<u>4.0</u>		
Site:	<u>5-3 site</u>		Constructed Depth:	<u>22.8</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☐ Steel	☐ Stainless Steel	☒ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☒	☐	
3. Is a protective surface casing installed?			☒	☒	☐	
4. Is the protective surface casing corroded, bent, or broken?			☒	☒	☐	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>25.30</u> ft			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>N/A</u> %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Hand dug by water</u>						

Inspected By: SM/Carson

Inspection Date: 9-19-01

Superintendent Review/Approval: B. Blaylock

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-079

WELL INFORMATION				
Well Number: <u>GW-142</u>	Screen Or Open Interval: <u>46.5</u>			
Site: <u>Kerr Hollow</u>	Constructed Depth: <u>295.0 A65</u>			
PRIMARY INSPECTION ITEMS				
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	<table border="1" style="width:100%; text-align: center;"> <tr> <td>NO</td> <td>YES</td> <td>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%; text-align: center;"> <tr> <td>☒</td> <td>☐</td> <td>☐</td> </tr> </table>	☒	☐	☐
☒	☐	☐		
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?	<table border="1" style="width:100%; text-align: center;"> <tr> <td>☐</td> <td>☐</td> <td>☒</td> </tr> </table>	☐	☐	☒
☐	☐	☒		
4. Is the protective surface 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:	<div style="display: flex; align-items: center;"> ☒ <u>299.2</u> ft </div>			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<div style="display: flex; align-items: center;"> ☐ <u>711</u> % </div>			
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:	<table border="1" style="width:100%; text-align: center;"> <tr> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> </table>	NO	YES	N/A
NO	YES	N/A		
1. Does the access road require grading or additional gravel?	<table border="1" style="width:100%; text-align: center;"> <tr> <td>☒</td> <td>☐</td> <td>☐</td> </tr> </table>	☒	☐	☐
☒	☐	☐		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?	<table border="1" style="width:100%; text-align: center;"> <tr> <td>☒</td> <td>☐</td> <td>☐</td> </tr> </table>	☒	☐	☐
☒	☐	☐		
Explain: _____				
WELL IDENTIFICATION:				
1. Is a stainless 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 guard posts 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 only if any of the above shaded yes/no boxes are checked:				
☐ Primary Items ☐ Secondary Items				
Request numbers for maintenance performed on this well: _____				
COMMENTS				
<u>Hand Tag at Bottom</u>				

Inspected By: SM Sciacin

Inspection Date: 9-19-01

Superintendent Review/Approval: BB Johnson

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-080

WELL INFORMATION

Well Number: BW-143
Site: Kerr Railroad

Screen Or Open Interval: 48
Constructed Depth: 255.14

PRIMARY INSPECTION ITEMS

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

WELL SECURITY:

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

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>253.5</u> ft		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.34</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.) block access to well?	☒	☐	☐

Explain: _____

WELL IDENTIFICATION:

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

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. 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 Items

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hard Lag at Bottom

Inspected By: SWK/Elmer

Inspection Date: 9-19-01

Superintendent Review/Approval: BBW/England

Date: 10/11/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-081

WELL INFORMATION			
Well Number: <u>010-144</u>	Screen Or Open Interval: <u>40</u>		
Site: <u>Keir Hollow</u>	Constructed Depth: <u>192.9</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☒	☐
3. Is a protective surface casing installed?	☒	☒	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>193.9</u>		ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>N/A</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand tag of Borton</u>			

Inspected By: SMK

Inspection Date: 8-19-01

Superintendent Review/Approval: BSM

Date: 10/01/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

*01-082

WELL INFORMATION						
Well Number: <u>6W-145</u> ✓	Screen Or Open Interval: <u>20.0</u>					
Site: <u>Kent Hallman</u>	Constructed Depth: <u>112.75</u>					
PRIMARY INSPECTION ITEMS						
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☐	☒	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐	☒	☐	☐
3. Is a protective surface casing installed?	☒	☐	☐	☒	☐	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐	☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?	☒	☐	☐	☒	☐	☐
2. Does the well have a waterproof steel/brass lock?	☒	☐	☐	☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☐	☐	☒	☐	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☒	☐	☐	☒	☐	☐
2. Measured depth of well from top of well casing:	<u>112.95</u>				ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>N/A</u>				%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐	☒	☐	☐
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?	☒			☒	☐	☐
2. Is the well number legible?	☒			☒	☐	☐
3. Is the well identification number correct?	☒			☒	☐	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?	☒			☒	☐	☐
2. 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 Items ☐ Secondary Items						
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Nauc Log of Bottom</u>						

Inspected By: [Signature]

Inspection Date: 9-19-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-127

WELL INFORMATION			
Well Number: <u>GW-151</u> Site: <u>New Hope Park</u>	Screen Or Open Interval: <u>10.0</u> Constructed Depth: <u>99.41</u>		
PRIMARY INSPECTION 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?	☒ NO ☒ YES ☐ N/A		
4. Is the protective surface 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? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing?	☒ NO ☒ YES ☐ N/A ☒ 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?	☒ NO ☒ YES ☐ N/A <u>99.50</u> ft <u>NA</u> % ☒ NO ☒ YES ☐ N/A ☒ NO ☒ YES ☐ N/A		
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 ☒ NO ☒ YES ☐ N/A ☒ NO ☒ YES ☐ N/A		
WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	☒ NO ☒ YES ☐ N/A ☒ 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?	☒ NO ☒ YES ☐ N/A ☒ NO ☒ YES ☐ N/A ☒ NO ☒ YES ☐ N/A		
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?	☒ NO ☒ YES ☐ N/A ☒ NO ☒ YES ☐ N/A ☒ NO ☒ YES ☐ N/A ☒ NO ☒ YES ☐ N/A		
WELL MAINTENANCE REQUEST:			
Complete only if any of the above shaded yes/no boxes are checked: <div style="display: flex; justify-content: space-around;"> ☐ Primary Items ☐ Secondary Items </div> Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Handed by letter</u>			

Inspected By: Supervisor

Inspection Date: 9-19-07

Superintendent Review/Approval: H. M. Clancy

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-647

WELL INFORMATION	
Well Number: <u>6w-153</u>	Screen Or Open Interval: <u>10.00</u>
Site: <u>NHP</u>	Constructed Depth: <u>62.41 + 0.14 = 62.55</u>

PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>TOWW</u>)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>60.81</u> ft.		
3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length	<u>0.174</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☒	☐	☐
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 this section if at least one shaded box has a check mark:	
☐ Primary Items	☐ Secondary Items
Maintenance Request Number (from request form): _____	

COMMENTS	
Bottom of the well: solid or <u>soft</u>	Is dedicated sampling equipment present? <u>yes</u>

Δ TOWW/TOC = .14 ft.

Inspection Date 4/26/01

Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-128

WELL INFORMATION							
Well Number: <u>600-154</u>	Screen Or Open Interval: <u>5.0</u>						
Site: <u>New Hope Pond</u>	Constructed Depth: <u>14.1</u>						
PRIMARY INSPECTION ITEMS							
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"></td> <td style="width: 30%; text-align: center;">NO</td> <td style="width: 30%; text-align: center;">YES</td> <td style="width: 10%; 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?	☒	☒	☒				
2. Is the PVC well casing cracked or broken?	☒	☒	☐				
3. Is a protective surface casing installed?	☒	☒	☐				
4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐				
5. Is a weep located at the base of the protective casing?	☒	☐	☒				
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐				
WELL SECURITY:							
1. Does the well have a cap or lid?	☐	☒	☐				
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐				
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐				
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐				
2. Measured depth of well from top of well casing:	✓ <u>13.50</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.) block access to well?	☒	☒	☐				
Explain: _____							
WELL IDENTIFICATION:							
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐	☒	☐				
2. Is the well number legible?	☐	☒	☐				
3. Is the well identification number correct?	☐	☒	☐				
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?	☐	☒	☐				
2. 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 Items	☐ Secondary Items						
Request numbers for maintenance performed on this well: _____							
COMMENTS							
<u>Panel tag at bottom</u>							

Inspected By: SM Kelian

Superintendent Review/Approval: HM Clancy

Inspection Date: 9-26-01

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-083

WELL INFORMATION				
Well Number: <u>GW-156</u>	Screen Or Open Interval: <u>10.0</u>			
Site: <u>CR Sed. Degradation Basin</u>	Constructed Depth: <u>157.0</u>			
PRIMARY INSPECTION ITEMS				
WELL CASINGS:	☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒	☒	☐
3. Is a protective surface casing installed?		☒	☒	☐
4. Is the protective surface casing corroded, bent, or broken?		☒	☒	☐
5. Is a weep located at the base of the protective casing?		☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		<u>157.2</u> ft		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>N/A</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL 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 plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. 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 Items ☐ Secondary Items				
Request numbers for maintenance performed on this well: _____				
COMMENTS				
<u>Nail dug at bottom</u>				

Inspected By: SM Seaton

Inspection Date: 9-20-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

#01-084

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-129

WELL INFORMATION

Well Number: 600-169
Site: Union Valley

Screen Or Open Interval: 5.0
Constructed Depth: 36.35

PRIMARY INSPECTION ITEMS

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

1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☒	☐
3. Is a protective surface casing installed?	☒	☐	☒
4. Is the protective surface casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐

WELL SECURITY:

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

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>36.30</u>	ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>.01</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐

SECONDARY INSPECTION ITEMS

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

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. 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 Items

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hand tag at bottom

Inspected By: SM/Secura

Inspection Date: 9-20-01

Superintendent Review/Approval: HMC Lany

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-130**

WELL INFORMATION	
Well Number: <u>GW-170</u>	Screen Or Open Interval: <u>52.9</u>
Site: <u>Union Valley</u>	Constructed Depth: <u>158.64</u>
PRIMARY INSPECTION ITEMS	
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC NO YES N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☒ ☐
2. Is the PVC well casing cracked or broken?	☐ ☒ ☒
3. Is a protective surface casing installed?	☒ ☐ ☒
4. Is the protective surface casing corroded, bent, or broken?	☐ ☒ ☒
5. Is a weep located at the base of the protective casing?	☒ ☐ ☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☒ ☐
WELL SECURITY:	
1. Does the well have a cap or lid?	☒ ☒ ☐
2. Does the well have a waterproof steel/brass lock?	☒ ☒ ☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒ ☒ ☐
DOWNHOLE CONDITION:	
1. Is a measurement reference point marked on the top of the well casing?	☒ ☒ ☐
2. Measured depth of well from top of well casing:	<u>158.65</u> ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>9.2001</u> <u>0.04</u> %
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒ ☒ ☐
5. Do any obstructions occur within the well?	☒ ☒ ☐
SECONDARY INSPECTION ITEMS	
WELL 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 plate with engraved well number attached to the outermost casing?	☒ ☒ ☐
2. Is the well number legible?	☒ ☒ ☐
3. Is the well identification number correct?	☒ ☒ ☐
CONCRETE PAD:	
1. Is a concrete pad installed (active wells only)?	☒ ☒ ☐
2. 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 Items ☐ Secondary Items	
Request numbers for maintenance performed on this well: _____	
COMMENTS	
<u>Fluid Log of Bottom</u>	

Inspected By: SM Grew

Superintendent Review/Approval: HM Clancy

Inspection Date: 9-20-01

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-131

WELL INFORMATION													
Well Number: <u>GU-171</u>	Screen Or Open Interval: <u>4.4</u>												
Site: <u>Union Village</u>	Constructed Depth: <u>32.75</u>												
PRIMARY INSPECTION ITEMS													
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	<table style="width:100%; border-collapse: collapse;"> <tr> <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> </table>	NO	YES	N/A									
NO	YES	N/A											
1. Is the steel or stainless steel well casing corroded, bent, or broken?	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">☐</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> </tr> </table>	☐	☒	☒									
☐	☒	☒											
2. Is the PVC well casing cracked or broken?	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> </table>	☒	☒	☐									
☒	☒	☐											
3. Is a protective surface casing installed?	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> <td style="width: 33%; text-align: center;">☒</td> </tr> </table>	☒	☐	☒									
☒	☐	☒											
4. Is the protective surface casing corroded, bent, or broken?	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">☐</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> </tr> </table>	☐	☒	☒									
☐	☒	☒											
5. Is a weep located at the base of the protective casing?	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> <td style="width: 33%; text-align: center;">☒</td> </tr> </table>	☒	☐	☒									
☒	☐	☒											
6. Is the steel, stainless steel, or PVC well casing loose?	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> </table>	☒	☒	☐									
☒	☒	☐											
WELL SECURITY: 1. Does the well have a cap or 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;"> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐			
☒	☒	☐											
☒	☒	☐											
☒	☒	☐											
DOWNHOLE CONDITION: 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;"> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td colspan="3" style="text-align: right; padding-right: 10px;"> $\frac{32.75 - 32.16}{4.4} = 0.03$ ft % </td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> </table>	☒	☒	☐	$\frac{32.75 - 32.16}{4.4} = 0.03$ ft %			☒	☒	☐	☒	☒	☐
☒	☒	☐											
$\frac{32.75 - 32.16}{4.4} = 0.03$ 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: _____	<table style="width:100%; border-collapse: collapse;"> <tr> <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> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> </table>	NO	YES	N/A	☒	☒	☐	☒	☒	☐			
NO	YES	N/A											
☒	☒	☐											
☒	☒	☐											
WELL IDENTIFICATION: 1. Is a stainless 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%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐			
☒	☒	☐											
☒	☒	☐											
☒	☒	☐											
CONCRETE PAD: 1. Is a concrete pad 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;"> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐			
☒	☒	☐											
☒	☒	☐											
☒	☒	☐											
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?	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> <tr> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☒</td> <td style="width: 33%; text-align: center;">☐</td> </tr> </table>	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐
☒	☒	☐											
☒	☒	☐											
☒	☒	☐											
☒	☒	☐											
WELL MAINTENANCE REQUEST:													
Complete only if any of the above shaded yes/no boxes are checked: <div style="display: flex; justify-content: space-around;"> ☐ Primary Items ☐ Secondary Items </div>													
Request numbers for maintenance performed on this well: _____													
COMMENTS													
<u>Hard tag in bottom</u>													

Inspected By: SM

Inspection Date: 9-20-01

Superintendent Review/Approval: HM Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-132

WELL INFORMATION								
Well Number:	<u>GW-172</u>	Screen Or Open Interval:	<u>258.8</u>					
Site:	<u>Union Valley</u>	Constructed Depth:	<u>137.42</u>					
PRIMARY INSPECTION ITEMS								
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☐	☐	☒	☐	☐	
2. Is the PVC well casing cracked or broken?		☐	☐	☐	☐	☒	☐	
3. Is a protective surface casing installed?		☐	☐	☐	☐	☒	☐	
4. Is the protective surface casing corroded, bent, or broken?		☐	☐	☐	☐	☒	☐	
5. Is a weep located at the base of the protective casing?		☐	☐	☐	☐	☒	☐	
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐	☐	☐	☐	☐	
WELL SECURITY:								
1. Does the well have a cap or lid?		☐	☒	☐	☐	☐	☐	
2. Does the well have a waterproof steel/brass lock?		☐	☒	☐	☐	☐	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☒	☐	☐	☐	☐	
DOWNHOLE CONDITION:								
1. Is a measurement reference point marked on the top of the well casing?		☐	☒	☐	☐	☐	☐	
2. Measured depth of well from top of well casing:		<u>✓ 137.50</u> ft						
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>15/18</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.) block access to well?		☒					☐	☐
Explain: _____								
WELL IDENTIFICATION:								
1. Is a stainless plate with engraved well number attached to the outermost casing?		☐					☒	☐
2. Is the well number legible?		☐					☒	☐
3. Is the well identification number correct?		☐					☒	☐
CONCRETE PAD:								
1. Is a concrete pad installed (active wells only)?		☐					☒	☐
2. 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 Items		☐ Secondary Items						
Request numbers for maintenance performed on this well: _____								
COMMENTS								
<u>Hand tag of bottom</u>								

Inspected By: SMK

Inspection Date: 9-20-01

Superintendent Review/Approval: HM Clancy

Date: 03/20/02

INSPECTION NO: 61-027

Inspection Date

3/20/01

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-028

WELL INFORMATION			
Well Number: <u>W-175</u>	Screen Or Open Interval: <u>14.00</u>	Constructed Depth: <u>168.51 + 0.19</u>	
Site: <u>CRSP</u>			
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☐	☒
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☐	☐
2. Measured depth of well from top of well casing:	<u>169.61</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>- 0.00</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☐
3. Is the well identification number correct?	☒	☐	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
TOWW/TOC = <u>.19</u> ft. ✓			

Inspection Date: 3/20/01Inspected By: MB/PH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-085

WELL INFORMATION						
Well Number:	<u>6W-175</u> ✓		Screen Or Open Interval:	<u>15.3</u>		
Site:	<u>CR Security PAs</u>		Constructed Depth:	<u>166.7</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☐ Steel	☒ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☐	☒	☒	
3. Is a protective surface casing installed?			☒	☐	☒	
4. Is the protective surface casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>✓ 166.60</u>		ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>.005</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Blind tag of Bottom</u>						

Inspected By: SM Schen

Inspection Date: 9-25-01

Superintendent Review/Approval: B. B. [Signature]

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-032

WELL INFORMATION

Well Number: W-177
 Site: CRSP

~~Screen~~ Or Open Interval: 10.00
 Constructed Depth: 145.48 + 0.12 = 145.60

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>TOWW</u>)	☐	☐	☐
2. Measured depth of well from top of well casing:	<u>150.84 + 58.60 = 209.44 ft.</u>		
3. Calculate: (Constructed depth - Measured depth) - Screen or Open Interval Length	<u>- 0.524</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL 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:

	NO	YES	N/A
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	☒	☐	☐
2. Is the pad cracked or deteriorated?	☐	☐	☒
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☐	☒
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒

GUARD POSTS:

	NO	YES	N/A
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 this section if at least one shaded box has a check mark:

☐ Primary Items

☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well Solid or soft? Is dedicated sampling equipment present?

on top of cap no access road! only two posts.

Δ TOWW / TOC = .17 ft.

Inspection Date: 3/24/01

Inspected By: _____

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-086

WELL INFORMATION			
Well Number:	<u>GW-177</u> ✓	Screen Or Open Interval:	<u>10.0</u>
Site:	<u>CRS 2nd 22</u>	Constructed Depth:	<u>143.0</u>
PRIMARY INSPECTION ITEMS			
WELL CASINGS:		☐ Steel ☒ Stainless Steel ☐ PVC	NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☐	☒
3. Is a protective surface casing installed?		☒	☒
4. Is the protective surface casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:		<u>✓ 143.01</u>	ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>2/11</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:		NO	YES
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:		NO	YES
1. Is a stainless plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☒
3. Is the well identification number correct?		☒	☒
CONCRETE PAD:		NO	YES
1. Is a concrete pad installed (active wells only)?		☒	☒
2. Is the pad cracked or deteriorated?		☒	☒
3. Is the pad sloped to prevent water from ponding around the casing?		☒	☒
GUARD POSTS:		NO	YES
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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Well on side slope of RCRA cap. Hard tag of bottom</u>			

Inspected By: S. K. K...

Inspection Date: 9-25-01

Superintendent Review/Approval: B. B. Wayland

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-029

WELL INFORMATION

Well Number: W-180
Site: CRSPScreen Or Open Interval: 11.00
Constructed Depth: 143.51 + 0.17 = 145.21

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

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

NO YES N/A

2. Is the protective surface casing corroded, bent, or broken?

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

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

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

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

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)

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 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL 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 plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

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

2. Is the pad cracked or deteriorated?

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

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

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 this section if at least one shaded box has a check mark

☐ Primary Items☒ Secondary ItemsMaintenance Request Number (from request form) 02-0025

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yes Δ TOWW TOC = .17 ft.

35287

MB/AH 28484

3/21/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-064

WELL INFORMATION			
Well Number: <u>W-192</u>	Screen Or Open Interval: <u>10.00</u>		
Site: _____	Constructed Depth: <u>20.66</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☐	☒
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>21.5855</u> ft. ^{m/l/n}		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>- 0.15</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
ΔTOWW/TOC = _____ ft. ³			

Y-12 GWP/WP-WH Rev 5/12/16 (2000)

Inspection Date:

5/21/02

Inspected By:

MB/4H

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-087

WELL INFORMATION			
Well Number: <u>GW-193</u> ✓	Screen Or Open Interval: <u>10.3</u>		
Site: <u>Y-12</u>	Constructed Depth: <u>21.34</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? 4. Is the protective surface casing corroded, bent, or 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?	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?	NO YES N/A ☐ ☒ ☐ <u>21.0</u> ft <u>0.34</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.) block access to well? Explain: _____	NO YES N/A ☒ ☒ ☐ ☒ ☒ ☐		
WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	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?	NO YES N/A ☐ ☐ ☒ ☐ ☒ ☒ ☐ ☐ ☒		
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?	NO YES N/A ☒ ☒ ☐ ☐ ☒ ☐ ☐ ☒ ☐ ☒ ☒ ☐		
WELL MAINTENANCE REQUEST:			
Complete only if any of the above shaded yes/no boxes are checked:			
☐ Primary Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand tag of bottom</u>			

Inspected By: Sgt. Schen

Inspection Date: 9-25-01

Superintendent Review/Approval: B. W. Weyland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-133

WELL INFORMATION

Well Number: 600-203
Site: UNC Site

Screen Or Open Interval: 10.0
Constructed Depth: 158.92

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☐ Steel

☐ Stainless Steel

☒ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

☐	☒	☒
☒	☒	☐
☒	☐	☒
☐	☒	☒
☒	☐	☒
☒	☒	☐

WELL SECURITY:

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

☒	☒	☐
☒	☒	☐
☒	☒	☐

DOWNHOLE CONDITION:

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?

☒	☒	☐
☒	<u>157.35</u>	ft
☒	<u>.11</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.) block access to well?

NO YES N/A

☒	☒	☐
☒	☒	☐

Explain: _____

WELL IDENTIFICATION:

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

☒	☒	☐
☒	☒	☐
☒	☒	☐

CONCRETE PAD:

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

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hand tag of bottom

Inspected By: SM/Summ

Inspection Date: 9-25-01

Superintendent Review/Approval: HMClancy

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-061

WELL INFORMATION			
Well Number: <u>GW-204</u>	Screen Or Open Interval: <u>10.0</u>		
Site: <u>T0134</u>	Constructed Depth: <u>20.4 + 0.17 =</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☐	☒
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>20.31</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.024</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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>Dumpster - use compressor</u>			
WELL IDENTIFICATION:			
1. Is a stainless plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
ΔTOWW/TOC = <u>.17</u> ft.			

Y-12 G/WPP WIF Rev 5 (2/16/2000)

Inspection Date:

5/23/01

Inspected By:

MB/AH

Not a maint.
item
ERS
03/25/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

01-134

WELL INFORMATION			
Well Number: <u>6W-205</u>	Screen Or Open Interval: <u>10.0</u>		
Site: <u>UNC SAT</u>	Constructed Depth: <u>116.51</u>		
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?	☒	☐	☒
4. Is the protective surface casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
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:		NO	YES
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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. 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 Items	☐ Secondary Items		
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<i>Hard tag of bottom</i>			

Inspected By: *SM Seaton*

Inspection Date: 9-25-01

Superintendent Review/Approval: *HM Clancy*

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 61-062

WELL INFORMATION

Well Number: W-219Site: UCVScreen Or Open Interval: 6.00Constructed Depth: 15.67 + 0.15 = 15.82

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?
2. Is the protective surface casing corroded, bent, or broken?
3. Is a weep located at the base of the protective casing?
4. Is the 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?
4. If flush-mounted, is the traffic cover securely bolted to the christy box?
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

NO	YES	N/A
☒	☒	☐
☒	☒	☐
☒	☒	☐
☒	☐	☒
☒	☐	☒

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)
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 (20% of screen or open-hole interval under sediment)?
5. Do any obstructions occur within the well?

NO	YES	N/A
☒	☒	☐
	<u>15.70</u>	ft.
	<u>0.02</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.) block access to well?

NO	YES	N/A
☒	☒	☐
☒	☒	☐

Explain: _____

WELL IDENTIFICATION:

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

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 or christy box?
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

NO	YES	N/A
☒	☒	☐
☒	☒	☐
☒	☒	☐
☐	☒	☒

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?

NO	YES	N/A
☒	☒	☐
☒	☒	☐
☒	☒	☐
☒	☒	☐

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark:

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yesΔTOWW/TOC = .15 ft.

Inspection Date:

5/24/01

Inspected By:

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-049

WELL INFORMATION			
Well Number: <u>W-220</u>	Screen Or Open Interval: <u>16.0</u>		
Site: <u>NHP</u>	Constructed Depth: <u>47.4 + 0.13 = 47.73</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>TOWW</u>)	☐	☐	☐
2. Measured depth of well from top of well casing:	<u>49.73</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.2</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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:	NO	YES	N/A
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
GUARD POSTS:	NO	YES	N/A
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 this section if at least one shaded box has a check mark:			
☐ Primary Items		☐ Secondary Items	
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
$\Delta TOWW / TOC = .13$ ft.			

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-135

WELL INFORMATION						
Well Number:	<u>612-221</u>		Screen Or Open Interval:	<u>10.0</u>		
Site:	<u>4th St</u>		Constructed Depth:	<u>168.64</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☐ Steel	☐ Stainless Steel	☒ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☐	☒	☒	
2. Is the PVC well casing cracked or broken?			☒	☒	☐	
3. Is a protective surface casing installed?			☒	☐	☒	
4. Is the protective surface casing corroded, bent, or broken?			☐	☒	☒	
5. Is a weep located at the base of the protective casing?			☒	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☒	☒	☐	
2. Measured depth of well from top of well casing:			☒	<u>160.58</u>	ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			☒	<u>.014</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Hand tag of location</u>						

Inspected By: [Signature]

Superintendent Review/Approval: [Signature]

Inspection Date: 9-25-01

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-134

WELL INFORMATION						
Well Number: <u>GW-223</u>	Screen Or Open Interval: <u>100</u>					
Site: <u>New Hope Pond</u>	Constructed Depth: <u>90.50</u>					
PRIMARY INSPECTION ITEMS						
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☐	☒	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐	☒	☐	☐
3. Is a protective surface casing installed?	☒	☐	☐	☒	☐	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐	☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?	☒	☐	☐	☒	☐	☐
2. Does the well have a waterproof steel/brass lock?	☒	☐	☐	☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☐	☐	☒	☐	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☒	☐	☐	☒	☐	☐
2. Measured depth of well from top of well casing:				<u>90.0</u>	ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>.05</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐	☒	☐	☐
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?				☒	☒	☐
2. Is the well number legible?				☒	☒	☐
3. Is the well identification number correct?				☒	☒	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☒	☐	☒
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						

Inspected By: S. Gelman

Inspection Date: 9-19-01

Superintendent Review/Approval: H. McClanay

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-026

WELL INFORMATION			
Well Number: <u>GW-225</u>	Screen Or <u>Open</u> Interval: <u>50.00</u>		
Site: <u>OLF</u>	Constructed Depth: <u>202.90</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOV/W)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>203.22</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.006</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: solid or soft?		Is dedicated sampling equipment present? <u>yes</u>	
No correction factor, new style low-clearance plate - TOC Δ(TOW)TOC = NA ft.			

Y-12 GWPP WIF Rev. 5 (2/16/2000)

Inspection Date: 3/15/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-015

WELL INFORMATION			
Well Number: <u>6W-224</u>	Screen or Open Interval: <u>10.00</u>		
Site: <u>OLF</u>	Constructed Depth: <u>57.84 + 0.12 = 57.96</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>58.91</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.09</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: solid or <u>soft</u> ?		Is dedicated sampling equipment present? <u>yes</u>	
$\Delta TOWW/TOC = .12$ ft.			

Inspection Date: 2/6/01Inspected By: MO/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#61-137

WELL INFORMATION

Well Number: BW-230
Site: Green Valley

Screen Or Open Interval: 65.4
Constructed Depth: 409.69

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☒ Steel

☐ Stainless Steel

☐ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

☒	☐	☐
☐	☐	☒
☐	☐	☒
☐	☐	☒
☐	☐	☒
☒	☐	☐

WELL SECURITY:

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

☐	☒	☐
☐	☒	☐
☐	☒	☐

DOWNHOLE CONDITION:

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?

☐	☒	☐
☒	<u>N/A</u>	ft
☐	<u>N/A</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.) block access to well?

NO YES N/A

☒	☐	☐
☒	☐	☐

Explain: _____

WELL IDENTIFICATION:

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

☐	☒	☐
☐	☒	☐
☐	☒	☐

CONCRETE PAD:

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

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Well is too deep to tag bottom.

Inspected By: S. Schen

Inspection Date: 9-20-01

Superintendent Review/Approval: H. McClancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-088

WELL INFORMATION																													
Well Number: <u>6W-231</u> ✓	Screen Or Open Interval: <u>10.0</u>																												
Site: <u>Kerr Hollow</u>	Constructed Depth: <u>37.57</u>																												
PRIMARY INSPECTION ITEMS																													
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☒</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☒</td> <td 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?	☒	☒	☐	4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐	5. Is a weep located at the base of the protective casing?	☒	☒	☐	6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
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Request numbers for maintenance performed on this well: _____																													
COMMENTS																													
<u>Hand Tag at Bottom</u>																													

Inspected By: SM Selian

Inspection Date: 9-19-01

Superintendent Review/Approval: J. S. Wayland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-138

WELL INFORMATION																													
Well Number: <u>GW-232</u>	Screen Or Open Interval: <u>10.7</u>																												
Site: <u>Union Valley State Parkway</u>	Constructed Depth: <u>413.40</u>																												
PRIMARY INSPECTION ITEMS																													
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☐</td> <td 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?	☐	☐	☒	4. Is the protective surface casing corroded, bent, or broken?	☐	☐	☒	5. Is a weep located at the base of the protective casing?	☐	☐	☒	6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
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Complete only if any of the above shaded yes/no boxes are checked:																													
☐ Primary Items	☐ Secondary Items																												
Request numbers for maintenance performed on this well: _____																													
COMMENTS																													
<u>Cannot measure depth</u>																													

Inspected By: St. K. Lee

Superintendent Review/Approval: H. McClary

Inspection Date: 9-20-01

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-046

WELL INFORMATION	
Well Number: <u>GW-246</u>	Screen Or Open Interval: <u>5.00</u>
Site: <u>NHP</u>	Constructed Depth: <u>32.40 + 0.61 = 33.01</u>

PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☐	☐
2. Measured depth of well from top of well casing:	<u>33.16</u> ft.		
3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length	<u>-0.03</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark	
☐ Primary Items	☐ Secondary Items
Maintenance Request Number (from request form) _____	

COMMENTS	
Bottom of the well: solid or soft?	Is dedicated sampling equipment present? <u>yes</u>
<u>No reference mark on top of outer casing. - Must be on inner casing. - BERS 03/25/02</u>	

$\Delta TOWW/TOC = 0.61$ ft.

Inspection Date: 4/26/01

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-031

WELL INFORMATION	
Well Number: <u>CW-241</u>	Screen ☒ Open Interval: <u>21.00</u>
Site: <u>CRSPB</u>	Constructed Depth: <u>101.84 + 0.20 = 102.04</u>

PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
			NO YES N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing	<u>98.43</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.17</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark	
☐ Primary Items	☐ Secondary Items
Maintenance Request Number (from request form): _____	

COMMENTS	
Bottom of the well: solid or soft? <u>solid</u>	Is dedicated sampling equipment present? <u>yes</u>

$\Delta TOWW/TOC = .20$ ☒ ft.

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-089

WELL INFORMATION					
Well Number: <u>BW-243N</u>	Screen Or Open Interval: <u>27.8</u>				
Site: <u>53 srt</u>	Constructed Depth: <u>7290</u>				
PRIMARY INSPECTION ITEMS					
WELL CASINGS:		☐ Steel	☐ Stainless Steel	☒ PVC	NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒	☒	
2. Is the PVC well casing cracked or broken?		☒	☒	☐	
3. Is a protective surface casing installed?		☒	☒	☐	
4. Is the protective surface casing corroded, bent, or broken?		☒	☒	☐	
5. Is a weep located at the base of the protective casing?		☒	☒	☐	
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐	
WELL SECURITY:					
1. Does the well have a cap or lid?		☒	☒	☐	
2. Does the well have a waterproof steel/brass lock?		☒	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☒	☐	
DOWNHOLE CONDITION:					
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐	
2. Measured depth of well from top of well casing:		<u>85.7</u> ft			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>27.1</u> %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐	
5. Do any obstructions occur within the well?		☒	☒	☐	
SECONDARY INSPECTION ITEMS					
WELL 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:		Painted on			
1. Is a stainless plate with engraved well number attached to the outermost casing?		☒	☒	☒	
2. Is the well number legible?		☒	☒	☐	
3. Is the well identification number correct?		☒	☒	☐	
CONCRETE PAD:					
1. Is a concrete pad installed (active wells only)?		☒	☒	☐	
2. 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 Items		☐ Secondary Items			
Request numbers for maintenance performed on this well: _____					
COMMENTS					
<u>Transducer in well! Hand tag of Bottom</u>					

Inspected By: SM/Allen

Inspection Date: 9-19-01

Superintendent Review/Approval: SBW/Allen

Date: 10/1/01

NOT on Inspection list

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-090**

WELL INFORMATION				
Well Number: <u>BW-244</u> ✓	Screen Or Open Interval: <u>28.1</u>			
Site: <u>S-3</u>	Constructed Depth: <u>77.0</u>			
PRIMARY INSPECTION ITEMS				
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒	☒
2. Is the PVC well casing cracked or broken?		☒	☒	☐
3. Is a protective surface casing installed?		☐	☒	☐
4. Is the protective surface casing corroded, bent, or broken?		☒	☒	☐
5. Is a weep located at the base of the protective casing?		☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☐	☒	☐
2. Does the well have a waterproof steel/brass lock?		☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☐	☒	☐
2. Measured depth of well from top of well casing:		✓ <u>76.3</u> ft		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>0.24</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐	☐
5. Do any obstructions occur within the well?		☒	☐	☐
SECONDARY INSPECTION ITEMS				
WELL 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 plate with engraved well number attached to the outermost casing?		☒	☐	☐
2. Is the well number legible?		☐	☒	☐
3. Is the well identification number correct?		☐	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☐	☒	☐
2. 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 Items		☒ Secondary Items		
Request numbers for maintenance performed on this well: <u>01-BJC-0035</u>				
COMMENTS				
<u>Hand tag at bottom</u>				

Inspected By: SP/Seien

Inspection Date: 9-19-01

Superintendent Review/Approval: BB Wayland

Date: 10/11/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-091

WELL INFORMATION			
Well Number: <u>6W-245</u>	Screen Or Open Interval: <u>28.0</u>		
Site: <u>S-3 site</u>	Constructed Depth: <u>71.6</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC		NO YES N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐ ☒ ☒	
2. Is the PVC well casing cracked or broken?		☒ ☒ ☐	
3. Is a protective surface casing installed?		☐ ☒ ☐	
4. Is the protective surface casing corroded, bent, or broken?		☒ ☒ ☐	
5. Is a weep located at the base of the protective casing?		☐ ☒ ☐	
6. Is the steel, stainless steel, or PVC well casing loose?		☒ ☒ ☐	
WELL SECURITY:			
1. Does the well have a cap or lid?		☐ ☒ ☐	
2. Does the well have a waterproof steel/brass lock?		☐ ☒ ☐	
3. Are the hasps firmly welded to well cap and/or metal casing?		☐ ☒ ☐	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☐ ☒ ☐	
2. Measured depth of well from top of well casing:		<u>72.5</u> ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>N/A</u> %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒ ☐ ☐	
5. Do any obstructions occur within the well?		☒ ☐ ☐	
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?		☐ ☒ ☐	
2. Is the well number legible?		☐ ☒ ☐	
3. Is the well identification number correct?		☐ ☒ ☐	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☐ ☒ ☐	
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hard tag of water</u>			

Inspected By: [Signature]

Inspection Date: 9-19-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-092

WELL INFORMATION																													
Well Number: <u>110-246</u> ✓	Screen Or Open Interval: <u>29.1</u>																												
Site: <u>S-3 site</u>	Constructed Depth: <u>74.6</u>																												
PRIMARY INSPECTION ITEMS																													
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☒</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☒</td> <td 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?	☒	☒	☐	4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐	5. Is a weep located at the base of the protective casing?	☒	☒	☐	6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
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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 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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WELL MAINTENANCE REQUEST:																													
Complete only if any of the above shaded yes/no boxes are checked:																													
☐ Primary Items	☐ Secondary Items																												
Request numbers for maintenance performed on this well: _____																													
COMMENTS																													
<u>Hand dug to bottom</u>																													

Inspected By: [Signature]

Inspection Date: 9-14-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-093

WELL INFORMATION						
Well Number: <u>6W-247</u>	Screen Or Open Interval: <u>28.0</u>					
Site: <u>S-3 site</u>	Constructed Depth: <u>74.90</u>					
PRIMARY INSPECTION ITEMS						
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☐	☒	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐	☒	☐	☐
3. Is a protective surface casing installed?	☐	☐	☒	☒	☐	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☒	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐	☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?	☐	☒	☐	☒	☐	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐	☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐	☒	☐	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐	☐	☐	☐
2. Measured depth of well from top of well casing:				<u>76.5</u>	ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>N/A</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐	☒	☐	☐
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?	☐		☒	☐	☐	☐
2. Is the well number legible?	☐		☒	☐	☐	☐
3. Is the well identification number correct?	☐		☒	☐	☐	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?	☐		☒	☐	☐	☐
2. 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 Items ☐ Secondary Items						
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Hard TAN at Bottom</u>						

Inspected By: SKL

Inspection Date: 8-19-01

Superintendent Review/Approval: BB

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-043

WELL INFORMATION

Well Number: CW-291
Site: 52Screen Or Open Interval: 5.40
Constructed Depth: 49.10

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

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

2. Is the protective surface casing corroded, bent, or broken?

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

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

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

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

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)

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 (20% of screen or open-hole interval under sediment)?

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 plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

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

2. Is the pad cracked or deteriorated?

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

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

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 this section if at least one shaded box has a check mark

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well, solid or softIs dedicated sampling equipment present? yesapprox. 6" mud on type. $\Delta TOWW/TOC = ?$ ft.

Inspection Date

4/24/01

Inspected By

MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-094

WELL INFORMATION							
Well Number:	<u>CU-253</u> ✓	Screen Or Open Interval:	<u>9.7</u>				
Site:	<u>S-2 SH</u>	Constructed Depth:	<u>46.7</u>				
PRIMARY INSPECTION ITEMS							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☐	☐			
2. Is the PVC well casing cracked or broken?		☐	☐	☐			☒
3. Is a protective surface casing installed?		☐	☐	☐			☒
4. Is the protective surface casing corroded, bent, or broken?		☐	☐	☐			☒
5. Is a weep located at the base of the protective casing?		☐	☐	☐			☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐	☐			☐
WELL SECURITY:							
1. Does the well have a cap or lid?		☐	☒	☐			
2. Does the well have a waterproof steel/brass lock?		☐	☒	☐			
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☒	☐			
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☐	☒	☐			
2. Measured depth of well from top of well casing:		✓	<u>50.18</u>			ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>17.1</u>			%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☐	☐			
5. Do any obstructions occur within the well?		☒	☐	☐			
SECONDARY INSPECTION ITEMS							
WELL 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 plate with engraved well number attached to the outermost casing?		☐	☒	☐			
2. Is the well number legible?		☐	☒	☐			
3. Is the well identification number correct?		☐	☒	☐			
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☐	☒	☐			
2. 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 Items				☐ Secondary Items			
Request numbers for maintenance performed on this well: _____							
COMMENTS							
<u>Hand dug to bottom</u>							

Inspected By: [Signature]

Inspection Date: 9-25-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-095

WELL INFORMATION						
Well Number: <u>BW-257</u>	Screen Or Open Interval: <u>10.7</u>					
Site: <u>BCB6</u>	Constructed Depth: <u>33.7</u>					
PRIMARY INSPECTION ITEMS						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☐	☐	
2. Is the PVC well casing cracked or broken?			☐	☐	☒	
3. Is a protective surface casing installed?			☐	☐	☒	
4. Is the protective surface casing corroded, bent, or broken?			☐	☐	☒	
5. Is a weep located at the base of the protective casing?			☐	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:			<u>36.57</u>			ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>0.94</u>			%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☒	☐	☐	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?			☐	☒	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☒	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Need to go to bottom</u>						

Inspected By: SM/Seaton

Inspection Date: 9-17-01

Superintendent Review/Approval: BBW/Agarwal

Date: 10/11/01

ANNUAL COMPREHENSIVE RCRA POST-CLOSURE

WELL INSPECTION CHECKLIST

#01-096

WELL INFORMATION

Well Number: 640-274 ✓
Site: OSY Beta 4Screen Or Open Interval: 5.4
Constructed Depth: 35.0

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☐ Steel☒ Stainless Steel☐ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

☒	☒	☐
☐	☒	☒
☐	☒	☐
☒	☒	☐
☐	☐	☒
☒	☒	☐

WELL SECURITY:

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

☐	☒	☐
☐	☒	☐
☐	☒	☐

DOWNHOLE CONDITION:

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?

☐	☒	☐
☒	<u>35.0</u>	ft
☐	<u>N/A</u>	%
☒		
☒		

1205 3.98
600

SECONDARY INSPECTION ITEMS

WELL 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 plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

☐	☒	☐
☐	☒	☐
☐	☒	☐

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?
2. 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 Items☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hand tag of bottomInspected By: SM/SeaverInspection Date: 9-26-01Superintendent Review/Approval: ASW/ajfDate: 10/1/01

**ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-097

WELL INFORMATION																													
Well Number: <u>600-275 /</u>	Screen Or Open Interval: <u>10.4</u>																												
Site: <u>ESY Site 4</u>	Constructed Depth: <u>65.5</u>																												
PRIMARY INSPECTION ITEMS																													
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </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?	☐	☒	☐	4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐	5. Is a weep located at the base of the protective casing?	☐	☐	☒	6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
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Complete only if any of the above shaded yes/no boxes are checked:																													
☐ Primary Items	☐ Secondary Items																												
Request numbers for maintenance performed on this well: _____																													
COMMENTS																													
<u>Blank tag of cotton</u>																													

Inspected By: SM/Seam

Inspection Date: 9-26-01

Superintendent Review/Approval: BS Wayland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#61-098

WELL INFORMATION																													
Well Number: <u>GW-276</u>	Screen Or Open Interval: <u>5.3</u>																												
Site: <u>S-3 site</u>	Constructed Depth: <u>19.3 @ BGS</u>																												
PRIMARY INSPECTION ITEMS																													
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </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?	☐	☒	☐	4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐	5. Is a weep located at the base of the protective casing?	☐	☒	☐	6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
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Complete only if any of the above shaded yes/no boxes are checked:																													
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Request numbers for maintenance performed on this well: _____																													
COMMENTS																													
<u>Hard log of bottom</u>																													

Inspected By: [Signature]

Inspection Date: 9-19-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-099**

WELL INFORMATION				
Well Number: <u>GW-289</u> ✓	Screen Or Open Interval: <u>10.0</u>			
Site: <u>BCBL</u>	Constructed Depth: <u>41.75 BLS</u>			
PRIMARY INSPECTION ITEMS				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒	☐
2. Is the PVC well casing cracked or broken?		☐	☒	☒
3. Is a protective surface casing installed?		☒	☐	☒
4. Is the protective surface casing corroded, bent, or broken?		☐	☒	☒
5. Is a weep located at the base of the protective casing?		☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☒	☐
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing?		☒	☒	☐
2. Measured depth of well from top of well casing:		<u>43.41</u> ft		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>n/a</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL 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 plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. 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 Items		☐ Secondary Items		
Request numbers for maintenance performed on this well: _____				
COMMENTS				
Hard tag of bottom				

Inspected By: SW/Selem

Inspection Date: 9-17-01

Superintendent Review/Approval: BB Wayland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
561-100

WELL INFORMATION					
Well Number: <u>GW-291</u>	Screen Or Open Interval: <u>5.0</u>				
Site: <u>BCBL</u>	Constructed Depth: <u>17.44 BGS</u>				
PRIMARY INSPECTION ITEMS					
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	<table style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td 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 style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </table>	☒	☐	☐	
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2. Is the PVC well casing cracked or broken?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> </table>	☐	☐	☒	
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3. Is a protective surface casing installed?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> </table>	☐	☐	☒	
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4. Is the protective surface casing corroded, bent, or broken?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> </table>	☐	☐	☒	
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5. Is a weep located at the base of the protective casing?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> </table>	☐	☐	☒	
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6. Is the steel, stainless steel, or PVC well casing loose?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </table>	☒	☐	☐	
☒	☐	☐			
WELL SECURITY:					
1. Does the well have a cap or lid?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </table>	☐	☒	☐	
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2. Does the well have a waterproof steel/brass lock?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </table>	☐	☒	☐	
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3. Are the hasps firmly welded to well cap and/or metal casing?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </table>	☐	☒	☐	
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DOWNHOLE CONDITION:					
1. Is a measurement reference point marked on the top of the well casing?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </table>	☐	☒	☐	
☐	☒	☐			
2. Measured depth of well from top of well casing:	<u>20.27</u> ft				
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>N/A</u> %				
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> </table>	☐	☐	☒	
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5. Do any obstructions occur within the well?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </table>	☒	☐	☐	
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SECONDARY INSPECTION ITEMS					
WELL ACCESS:	<table style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td align="center">NO</td> <td align="center">YES</td> <td align="center">N/A</td> </tr> </table>		NO	YES	N/A
	NO	YES	N/A		
1. Does the access road require grading or additional gravel?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </table>	☒	☐	☐	
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2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </table>	☒	☐	☐	
☒	☐	☐			
Explain: _____					
WELL IDENTIFICATION:					
1. Is a stainless plate with engraved well number attached to the outermost casing?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </table>	☐	☒	☐	
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2. Is the well number legible?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </table>	☐	☒	☐	
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3. Is the well identification number correct?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </table>	☐	☒	☐	
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CONCRETE PAD:					
1. Is a concrete pad installed (active wells only)?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> </table>	☐	☐	☒	
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2. Is the pad cracked or deteriorated?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> </table>	☐	☐	☒	
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3. Is the pad sloped to prevent water from ponding around the casing?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> </table>	☐	☐	☒	
☐	☐	☒			
GUARD POSTS:					
1. Are the guard posts damaged?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </table>	☒	☐	☐	
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2. Are the guardposts positioned to prevent collision damage to well?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </table>	☐	☒	☐	
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4. Is the high-traffic yellow paint degraded?	<table style="width:100%; border-collapse: collapse;"> <tr> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> </table>	☒	☐	☐	
☒	☐	☐			
WELL MAINTENANCE REQUEST:					
Complete only if any of the above shaded yes/no boxes are checked:					
☐ Primary Items	☐ Secondary Items				
Request numbers for maintenance performed on this well: _____					
COMMENTS					
<u>Hard tag of bottom</u>					

Inspected By: SAK

Inspection Date: 9-17-01

Superintendent Review/Approval: BBW

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-101

WELL INFORMATION			
Well Number: <u>GB-301 ✓</u>	Screen Or Open Interval: <u>10.0</u>		
Site: <u>CRWP</u>	Constructed Depth: <u>161.00</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☒
3. Is a protective surface casing installed?	☒	☐	☒
4. Is the protective surface casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
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:	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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. 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 Items	☐ Secondary Items		
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand Tag B Bottom</u>			

Inspected By: [Signature]

Inspection Date: 9-24-01

Superintendent Review/Approval: [Signature]

Date: 10/11/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-139

WELL INFORMATION						
Well Number: <u>CU-302</u>	Screen Or Open Interval: <u>10.0</u>					
Site: <u>UAC site</u>	Constructed Depth: <u>139.05</u>					
PRIMARY INSPECTION ITEMS						
WELL CASINGS:	☐ Steel	☐ Stainless Steel	☒ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☐	☒	☐	☒	☒
2. Is the PVC well casing cracked or broken?	☒	☐	☐	☒	☐	☐
3. Is a protective surface casing installed?	☒	☐	☐	☒	☐	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐	☒	☐	☐
WELL SECURITY:						
1. Does the well have a cap or lid?	☒	☐	☐	☒	☐	☐
2. Does the well have a waterproof steel/brass lock?	☒	☐	☐	☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☐	☐	☒	☐	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☒	☐	☐	☐	☒	☐
2. Measured depth of well from top of well casing:				<u>138.02</u>	ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>0.106</u>	%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐	☒	☐	☐
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?	☒			☒	☐	☐
2. Is the well number legible?	☒			☒	☐	☐
3. Is the well identification number correct?	☒			☒	☐	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?	☒			☒	☐	☐
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
Hand Tag of water						

Inspected By: SM/Seaver

Inspection Date: 9-25-07

Superintendent Review/Approval: HMC Clancy

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-013

WELL INFORMATION			
Well Number: <u>GW-311 ERS</u>	Site: <u>RS</u>	Screen Or Open Interval: <u>10.60</u>	Constructed Depth: <u>43.81 43.22 + 0.21 = 43.43</u>
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC		NO	YES N/A
1. Is the well casing corroded, bent, cracked, or broken?		☒	☐
2. Is the protective surface casing corroded, bent, or broken?		☒	☐
3. Is a weep located at the base of the protective casing?		☐	☒
4. Is the well casing loose?		☐	☒
WELL SECURITY:			
1. Does the well have a cap or lid?		☐	☒
2. Does the well have a waterproof steel/brass lock?		☐	☒
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☒
4. If flush-mounted, is the traffic cover securely bolted to the christy box?		☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?		☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/FOWW)		☐	☒
2. Measured depth of well from top of well casing:		<u>43.73</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>-0.02</u>	%
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?		☐	☒
2. Is the well number legible?		☐	☒
3. Is the well identification number correct?		☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☐	☒
2. Is the pad cracked or deteriorated?		☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?		☐	☒
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?		☐	☒
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?		☒	☒ 2/5/01
WELL MAINTENANCE REQUEST			
Complete this section if at least one shaded box has a check mark:			
☐ Primary Items		☐ Secondary Items	
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
Δ FOWW/TOC = <u>0.31</u> ft.			

Y-12 GWPP-WIF Rev 5 (2/16/2000)

Inspection Date: 2/5/01Inspected By: kmB/AFH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-011

WELL INFORMATION				
Well Number: <u>CW-315</u>	Screen Or Open Interval: <u>10.00</u>	$105.74 + 0.21 = 105.95$		
Site: <u>SPI</u>	Constructed Depth: <u>105.74 + 0.21</u>			
PRIMARY INSPECTION ITEMS				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?		☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?		☒	☐	☐
3. Is a weep located at the base of the protective casing?		☐	☐	☒
4. Is the well casing loose?		☐	☐	☒
WELL SECURITY:				
1. Does the well have a cap or lid?		☐	☒	☐
2. Does the well have a waterproof steel/brass lock?		☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?		☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?		☐	☐	☒
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)		☐	☒	☐
2. Measured depth of well from top of well casing:		<u>106.14</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>-0.019</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?		☒	☐	☐
5. Do any obstructions occur within the well?		☒	☐	☐
SECONDARY INSPECTION ITEMS				
WELL 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 plate with engraved well number attached to the outermost casing?		☐	☒	☐
2. Is the well number legible?		☐	☒	☐
3. Is the well identification number correct?		☐	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☐	☒	☐
2. Is the pad cracked or deteriorated?		☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?		☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?		☐	☐	☒
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 this section if at least one shaded box has a check mark:				
☐ Primary Items		☐ Secondary Items		
Maintenance Request Number (from request form): _____				
COMMENTS				
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>		
$\Delta \text{TOWW} / \text{TOC} = .21$ ft.				

Inspection Date: 1/29/01Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

701-140

WELL INFORMATION							
Well Number:	<u>6W-339</u>	Screen Or Open Interval:	<u>10.3</u>				
Site:	<u>UNC Site</u>	Constructed Depth:	<u>116.41</u>				
PRIMARY INSPECTION ITEMS							
WELL CASINGS:		☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☐	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed?					☐	☐	☒
4. Is the protective surface casing corroded, bent, or broken?					☐	☐	☒
5. Is a weep located at the base of the protective casing?					☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel/brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:					<u>✓ 116.20</u>		ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>.82</u>		%
4. Is 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 plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. 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 Items		☐ Secondary Items					
Request numbers for maintenance performed on this well: _____							
COMMENTS							
<u>Shovel dug at bottom.</u>							

Inspected By: SP/Shea

Inspection Date: 9-25-01

Superintendent Review/Approval: H. McLaney

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-102

WELL INFORMATION							
Well Number: <u>6W-363</u>		Screen Or Open Interval: <u>10.0</u>					
Site: <u>OLF</u>		Constructed Depth: <u>77.5</u>					
PRIMARY INSPECTION ITEMS							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?					☒	☐	☐
2. Is the PVC well casing cracked or broken?					☐	☐	☒
3. Is a protective surface casing installed?					☐	☐	☒
4. Is the protective surface casing corroded, bent, or broken?					☒	☐	☒
5. Is a weep located at the base of the protective casing?					☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?					☐	☒	☐
2. Does the well have a waterproof steel/brass lock?					☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?					☐	☒	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?					☐	☒	☐
2. Measured depth of well from top of well casing:						<u>77.0</u>	ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length						<u>.05</u>	%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?					☒	☐	☐
5. Do any obstructions occur within the well?					☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL 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 plate with engraved well number attached to the outermost casing?					☐	☒	☐
2. Is the well number legible?					☐	☒	☐
3. Is the well identification number correct?					☐	☒	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?					☐	☒	☐
2. 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 Items		☐ Secondary Items					
Request numbers for maintenance performed on this well: _____							
COMMENTS							
<u>Hand dug to bottom</u>							

Inspected By: SW Schrein

Inspection Date: 9-18-01

Superintendent Review/Approval: ASB Weyland

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-021

WELL INFORMATION			
Well Number: <u>6w-364</u>	Screen Or Open Interval: <u>10.00</u>		
Site: <u>S-3</u>	Constructed Depth: <u>62.34 + 0.21</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☐	☐	☒
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☐	☒
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>63.00</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.04</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
ΔTOWW/TOC = <u>.21</u> ft.			

Y-12 GWPP WIF Rev 5 (2/16/2000)

Inspection Date: 3/13/01Inspected By: WMB/AFH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-034

WELL INFORMATION

Well Number: CW-365
Site: OLFScreen Or Open Interval: 23.30
Constructed Depth: 152.55 + 0.37 = 152.92

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

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

NO YES N/A

2. Is the protective surface casing corroded, bent, or broken?

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

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

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

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

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)

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 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL 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 plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

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

2. Is the pad cracked or deteriorated?

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

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

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 this section if at least one shaded box has a check mark.

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form) _____

COMMENTS

Bottom of the well: solid or soft?

Is dedicated sampling equipment present?

 Δ TOWW/(TOC) = .37 ft.

Y-12-GWP-WF Rev 8-88

Inspection Date

3/27/01MB/4H

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-050

WELL INFORMATION			
Well Number: <u>W-381</u>	Screen Or Open Interval: <u>11.00</u>		
Site: <u>NHP</u>	Constructed Depth: <u>60.32</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC		NO	YES
		YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?		☒	☐
2. Is the protective surface casing corroded, bent, or broken?		☒	☐
3. Is a weep located at the base of the protective casing?		☐	☒
4. Is the well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☐	☒
2. Does the well have a waterproof steel/brass lock?		☐	☒
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☒
4. If flush-mounted, is the traffic cover securely bolted to the christy box?		☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)		☐	☐
2. Measured depth of well from top of well casing:		<u>5/1/02</u> <u>61.00</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>-0.06</u>	%
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?		☒	☐
5. Do any obstructions occur within the well?		☒	☐
SECONDARY INSPECTION ITEMS			
WELL ACCESS:		NO	YES
		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 plate with engraved well number attached to the outermost casing?		☐	☒
2. Is the well number legible?		☐	☒
3. Is the well identification number correct?		☐	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☐	☒
2. Is the pad cracked or deteriorated?		☐	☒
3. Is the pad sloped to prevent water from ponding around the casing or christy box?		☐	☒
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?		☒	☐
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
<u>no rubber seal</u>			
ΔTOWW/TOC = <u>NA</u> ft.			

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-141

WELL INFORMATION						
Well Number: <u>HL-382</u>	Screen Or Open Interval: <u>10.0</u>					
Site: <u>Alameda Ridge Road</u>	Constructed Depth: <u>173.0</u>					
PRIMARY INSPECTION ITEMS						
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </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?	☐	☐	☒			
4. Is the protective surface casing corroded, bent, or broken?	☐	☐	☒			
5. Is a weep located at the base of the protective casing?	☐	☐	☒			
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐			
WELL SECURITY:						
1. Does the well have a cap or lid?	☐	☒	☐			
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐			
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐			
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐			
2. Measured depth of well from top of well casing:	✓ <u>171.7</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:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </table>	NO	YES	N/A		
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 plate with engraved well number attached to the outermost casing?	☐	☒	☐			
2. Is the well number legible?	☐	☒	☐			
3. Is the well identification number correct?	☐	☒	☐			
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?	☐	☐	☒			
2. 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 Items	☐ Secondary Items					
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Flush Monitor Hand Log of water</u>						

Inspected By: SM Keen Inspection Date: 9-25-01

Superintendent Review/Approval: H. Clancy Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-048

WELL INFORMATION

Well Number: W-383
Site: NHPScreen Or Open Interval: 5.00
Constructed Depth: 25.4 + 0.14

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☒	☐	☐

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing? (TOC (TOWW))	☐	☒	☐
2. Measured depth of well from top of well casing:		<u>26.71</u> ft.	
3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length		<u>-0.19</u> %	
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS

WELL 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:

	NO	YES	N/A
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒

GUARD POSTS:

	NO	YES	N/A
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 this section if at least one shaded box has a check mark.

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yes Δ TOWW/TOC = .14 ft.

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-035

WELL INFORMATION

Well Number: GW-514
Site: FCAPScreen Or Open Interval: 21.00
Constructed Depth: 197.56 + 0.36 = 197.92

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

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

NO YES N/A

2. Is the protective surface casing corroded, bent, or broken?

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

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

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

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

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)

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 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL 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: second road in to well area, has tree down across road, old road pretty steep!

WELL IDENTIFICATION:

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

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

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

2. Is the pad cracked or deteriorated?

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

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

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 this section if at least one shaded box has a check mark:

☐ Primary Items☒ Secondary ItemsMaintenance Request Number (from request form): 02-0015, 02-0025

COMMENTS

Bottom of the well solid or soft?

Is dedicated sampling equipment present?

 $\Delta TOWW/TOC = .36$ ft.

Inspection Date

3/28/01

Inspected By:

MB/SBS

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-103

WELL INFORMATION			
Well Number: <u>G1N-514 ✓</u>	Screen Or Open Interval: <u>10.0</u>		
Site: <u>Ash Disposal Basin</u>	Constructed Depth: <u>192.56</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☒	☒	☐
3. Is a protective surface casing installed?	☒	☒	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>196.70</u> ft		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>.086</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand Tag of Bottom</u>			

Inspected By: Jan Mitchell

Inspection Date: 9-13-01

Superintendent Review/Approval: B. S. Taylor

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-104

WELL INFORMATION																						
Well Number: <u>GW-521</u>	Screen Or Open Interval: <u>10.3</u>																					
Site: <u>Landfill, IL</u>	Constructed Depth: <u>135.6</u>																					
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? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?																						
WELL SECURITY: 1. Does the well have a cap or 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																				
☒	☒	☐																				
☒	☒	☐																				
☒	☒	☐																				
DOWNHOLE CONDITION: 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>136.90</u></td> <td>ft</td> </tr> <tr> <td></td> <td><u>~1%</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>136.90</u>	ft		<u>~1%</u>	%	☒	☒	☐	☒	☒	☐			
NO	YES	N/A																				
☒	☒	☐																				
	<u>136.90</u>	ft																				
	<u>~1%</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.) block 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 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																				
☒	☒	☐																				
☒	☒	☐																				
☒	☒	☐																				
CONCRETE PAD: 1. Is a concrete pad 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																				
☒	☒	☐																				
☐	☒	☐																				
☒	☒	☐																				
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?	<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	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐						
NO	YES	N/A																				
☒	☒	☐																				
☒	☒	☐																				
☒	☒	☐																				
☒	☒	☐																				
WELL MAINTENANCE REQUEST																						
Complete only if any of the above shaded yes/no boxes are checked:																						
☐ Primary Items ☒ Secondary Items																						
Request numbers for maintenance performed on this well: <u>01-BSC-0045</u>																						
COMMENTS																						
<u>Hard tag of bottom. Pad is cracked!</u>																						

Inspected By: [Signature]

Inspection Date: 9-24-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-142

WELL INFORMATION			
Well Number: <u>6110-526</u>	Screen Or Open Interval: <u>22.0</u>		
Site: <u>S-3 Site</u>	Constructed Depth: <u>125.10</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed?	☐	☐	☒
4. Is the protective surface casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	$\checkmark \frac{122.7 - 124.6}{9.4 - 0.1} = 0.2$ 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			

Inspected By: [Signature]

Inspection Date: 9-19-01

Superintendent Review/Approval: [Signature]

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-016

WELL INFORMATION

Well Number: W-537
Site: OLFScreen Or Open Interval: 15.00
Constructed Depth: 25.05 + 0.15 = 25.20

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☐	☒
4. Is the well casing loose?	☒	☒	☐

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☒	☐
2. Measured depth of well from top of well casing:		<u>27.48</u> ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>-0.152</u> %	
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS: NO YES N/A

	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:

	NO	YES	N/A
1. Is a stainless plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒

GUARD POSTS:

	NO	YES	N/A
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 this section if at least one shaded box has a check mark:

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yes $\Delta TOWW/TOC = .15$ ft.Inspection Date: 2/6/01Inspected By: MD/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-105

WELL INFORMATION																													
Well Number: <u>3W-557</u> Site: <u>Long Hill II</u>	Screen Or Open Interval: <u>20.0</u> Constructed Depth: <u>135.75</u>																												
PRIMARY INSPECTION ITEMS																													
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☐</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☐</td> <td 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?	☐	☒	☐	4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐	5. Is a weep located at the base of the protective casing?	☐	☒	☐	6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
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Complete only if any of the above shaded yes/no boxes are checked:																													
☐ Primary Items	☐ Secondary Items																												
Request numbers for maintenance performed on this well: _____																													
COMMENTS																													
<u>Hand dug to bottom</u>																													

Inspected By: Jim Mitchell

Inspection Date: 2-13-01

Superintendent Review/Approval: B. Br. [Signature]

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 61-038

WELL INFORMATION

Well Number: 6W-569Screen Or Open Interval: 23.0'

Site: _____

Constructed Depth: 117.9 + 0.57 = 118.47

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?
2. Is the protective surface casing corroded, bent, or broken?
3. Is a weep located at the base of the protective casing?
4. Is the 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?
4. If flush-mounted, is the traffic cover securely bolted to the christy box?
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

NO	YES	N/A
☐	☒	☐
☐	☒	☐
☐	☒	☐
☐	☐	☒
☐	☐	☒

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)
2. Measured depth of well from top of well casing: 113.67 ft.
3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length 0.21 %
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?
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?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

NO	YES	N/A
☒	☐	☐
☒	☐	☐

Explain: _____

WELL IDENTIFICATION:

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

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 or christy box?
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

NO	YES	N/A
☒	☐	☐
☐	☐	☒
☐	☐	☒
☐	☐	☒

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?

NO	YES	N/A
☐	☐	☒
☐	☐	☒
☐	☐	☒
☐	☐	☒

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form) _____

COMMENTS

Bottom of the well: solid or soft?

Is dedicated sampling equipment present? yesNo guard posts, difficult accessΔTOWW TOC = .57 ft.

Inspection Date:

4/4/01MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-106

WELL INFORMATION						
Well Number: <u>W-605</u>	Screen Or Open Interval: <u>10.0</u>					
Site: <u>New Hope Pond</u>	Constructed Depth: <u>40.5</u>					
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☐ Steel	☒ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☒	☐	☐	
2. Is the PVC well casing cracked or broken?	☒	☒	☒	☐	☐	
3. Is a protective surface casing installed?	☒	☒	☒	☐	☐	
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3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☒	☐	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☒	☐	☐	
2. Measured depth of well from top of well casing:	<u>41.0</u>				ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>~74</u>				%	
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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WELL ACCESS:			NO	YES	N/A	
1. Does the access road require grading or additional gravel?	☒	☒	☒	☐	☐	
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WELL MAINTENANCE REQUEST:						
Complete only if any of the above shaded yes/no boxes are checked:						
☐ Primary Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Well Wizard - needs need to be cut</u>						
<u>Band tag of bottom</u>						

Inspected By: SM/Silver

Inspection Date: 9.24.01

Superintendent Review/Approval: AS Wayland

Date: 10/1/02

1-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-107

WELL INFORMATION																						
Well Number: <u>GW-606</u>	Screen Or Open Interval: <u>10.0</u>																					
Site: <u>New Hope Pond</u>	Constructed Depth: <u>175.0</u>																					
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WELL MAINTENANCE REQUEST:																						
Complete only if any of the above shaded yes/no boxes are checked:																						
☐ Primary Items	☐ Secondary Items																					
Request numbers for maintenance performed on this well: _____																						
COMMENTS																						
<u>Hand tag of bottom</u>																						

Inspected By: SMC

Inspection Date: 9-28-07

Superintendent Review/Approval: BBW

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-108

WELL INFORMATION			
Well Number:	<u>6W-608 ✓</u>	Screen Or Open Interval:	<u>NOT IN DATABASE</u>
Site:	<u>Chestnut Ridge Security, Inc.</u>	Constructed Depth:	<u>222.55</u>
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?		☒	☐
4. Is the protective surface casing corroded, bent, or broken?		☒	☐
5. Is a weep located at the base of the protective casing?		☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:	<u>220.0</u>		ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>N/A</u>		%
4. Is this value > 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.) block access to well?		☒	☐
Explain: _____			
WELL IDENTIFICATION:			
1. Is a stainless plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand TAP of Bottom</u>			

Inspected By: SK

Inspection Date: 9-29-01

Superintendent Review/Approval: BSB

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-038

WELL INFORMATION

Well Number: W-608
Site: CRSPScreen Or Open Interval: 70.00
Constructed Depth: 223.00 + 1.43 = 224.43

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?
2. Is the protective surface casing corroded, bent, or broken?
3. Is a weep located at the base of the protective casing?
4. Is the 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?
4. If flush-mounted, is the traffic cover securely bolted to the christy box?
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

NO	YES	N/A
☐	☒	☐
☐	☒	☐
☐	☒	☐
☐	☐	☒
☐	☐	☒

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)
2. Measured depth of well from top of well casing: 221.02 ft.
3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length 3.048 %
4. Is this value ≥ 0.2 (20% of screen or open-hole interval under sediment)?
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?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

NO	YES	N/A
☒	☐	☐
☒	☐	☐

Explain: _____

WELL IDENTIFICATION:

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

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 or christy box?
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

NO	YES	N/A
☐	☒	☐
☒	☐	☐
☐	☒	☐
☐	☐	☒

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?

NO	YES	N/A
☒	☐	☐
☐	☒	☐
☐	☒	☐
☒	☐	☐

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark:

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well solid or soft

Is dedicated sampling equipment present?

 Δ TOWW TOC = 1.43 ft.
141.43

Inspection Date:

3/21/01

Inspected By:

MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST
#01-109**

WELL INFORMATION	
Well Number: <u>60-6091</u>	Screen Or Open Interval: <u>10.3</u>
Site: <u>Chemistry Bldg</u>	Constructed Depth: <u>269.00</u>
PRIMARY INSPECTION ITEMS	
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☒ ☐
2. Is the PVC well casing cracked or broken?	☐ ☒ ☒
3. Is a protective surface casing installed?	☒ ☐ ☒
4. Is the protective surface casing corroded, bent, or broken?	☐ ☒ ☒
5. Is a weep located at the base of the protective casing?	☒ ☐ ☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☒ ☐
WELL SECURITY:	
1. Does the well have a cap or lid?	☐ ☒ ☐
2. Does the well have a waterproof steel/brass lock?	☐ ☒ ☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐ ☒ ☐
DOWNHOLE CONDITION:	
1. Is a measurement reference point marked on the top of the well casing?	☐ ☒ ☐
2. Measured depth of well from top of well casing:	☒ <u>269.50</u> ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>10.5</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 plate with engraved well number attached to the outermost casing?	☐ ☒ ☐
2. Is the well number legible?	☐ ☒ ☐
3. Is the well identification number correct?	☐ ☒ ☐
CONCRETE PAD:	
1. Is a concrete pad installed (active wells only)?	☐ ☒ ☐
2. 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 Items	☐ Secondary Items
Request numbers for maintenance performed on this well: _____	
COMMENTS	
<u>Hand log of action</u>	

Inspected By: SM Kersen

Inspection Date: 9-25-01

Superintendent Review/Approval: BS Wayland

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-034

WELL INFORMATION Well Number: <u>W-612</u> Site: <u>CRSP</u>	Screen Or Open Interval: <u>23.00</u> Constructed Depth: <u>254.38 + 0.34 = 254.74</u>
---	---

PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☒	☐
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>256.27 - 254.38 = 1.89 ft.</u>		
3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length	<u>0.02</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐

SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark	
☐ Primary Items	☐ Secondary Items
Maintenance Request Number (from request form) _____	

COMMENTS	
Bottom of the well, <u>solid</u> or soft?	Is dedicated sampling equipment present? <u>yes</u>
$\Delta TOWW / TOC = .36$ ft.	

Inspection Date 3/29/01

Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-110

WELL INFORMATION			
Well Number: <u>GW-615 ✓</u>	Screen Or Open Interval: <u>NOT IN DATA BASE</u>		
Site: <u>S-3 Site</u>	Constructed Depth: <u>247.58</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☒
3. Is a protective surface casing installed?	☐	☐	☒
4. Is the protective surface casing corroded, bent, or broken?	☐	☐	☒
5. Is a weep located at the base of the protective casing?	☐	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>246.90</u> ft		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>1/4</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☒
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand Tied to bottom</u>			

Inspected By: GM Solien

Inspection Date: 9-19-01

Superintendent Review/Approval: BB Whelan

Date: 10/11/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-033

WELL INFORMATION	
Well Number: <u>GW-616</u>	Screen Or Open Interval: <u>49.90</u>
Site: <u>S-3</u>	Constructed Depth: <u>271.00 + 0.39 = 271.39</u>

PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>270.47</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.02</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS			
WELL 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>several items stacked in front of well! - Not a maint. item ERS-03/25/02</u>			
WELL IDENTIFICATION:			
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark	
☐ Primary Items	☐ Secondary Items
Maintenance Request Number (from request form): _____	

COMMENTS	
Bottom of the well: solid or <u>soft</u>	Is dedicated sampling equipment present? <u>yes</u>
$\Delta TOWW / TOC = \frac{0.02}{0.39}$	

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-143

WELL INFORMATION																						
Well Number: <u>G-22-6/18</u>	Screen Or Open Interval: <u>10.3</u>																					
Site: <u>Env. Monitoring Station-E</u>	Constructed Depth: <u>39.30</u>																					
PRIMARY INSPECTION ITEMS																						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <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 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	☒	☒	☐	☐	☒	☒	☒	☐	☒	☐	☒	☒	☒	☐	☒	☒	☒	☐
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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? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?																						
WELL SECURITY: 1. Does the well have a cap or 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;"> <thead> <tr> <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 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	☒	☒	☐	☒	☒	☐	☒	☒	☐									
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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;"> <thead> <tr> <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 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> <div style="margin-top: 10px;"> ✓ <u>38.5</u> ft <u>0.27</u> % </div>	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.) block access to well? Explain: _____	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <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 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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WELL IDENTIFICATION: 1. Is a stainless 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;"> <thead> <tr> <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 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																				
☒	☒	☐																				
☒	☒	☐																				
☒	☒	☐																				
CONCRETE PAD: 1. Is a concrete pad 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;"> <thead> <tr> <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 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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☒	☒	☐																				
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?	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <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 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	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐						
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☒	☒	☐																				
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☒	☒	☐																				
☒	☒	☐																				
WELL MAINTENANCE REQUEST																						
Complete only if any of the above shaded yes/no boxes are checked: <div style="display: flex; justify-content: space-around;"> ☐ Primary Items ☐ Secondary Items </div>																						
Request numbers for maintenance performed on this well: _____																						
COMMENTS																						
<u>Hand dug to bottom</u>																						

Inspected By: SM/Kucen

Superintendent Review/Approval: H. McClanay

Inspection Date: 9-26-01

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-045

WELL INFORMATION	
Well Number: <u>CW-620</u>	Screen Or Open Interval: <u>10.80</u>
Site: <u>FTF</u>	Constructed Depth: <u>77.50 + 0.14 = 77.64</u>

PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC <u>TOWW</u>)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>78.16</u> ft.		
3. Calculate: (Constructed depth - Measured depth) Screen or Open Interval Length	<u>- 0.06</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark	
☐ Primary Items	☐ Secondary Items
Maintenance Request Number (from request form) _____	

COMMENTS	
Bottom of the well: solid or <u>Soft</u> ?	Is dedicated sampling equipment present? <u>yes</u>
Δ TOWW/TOC = <u>.14</u> ft.	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-019

WELL INFORMATION				
Well Number: <u>W-627</u>	Screen Or <u>Open</u> Interval: <u>14.00</u>			
Site: <u>BS</u>	Constructed Depth: <u>272.44 + 0.48</u>			
PRIMARY INSPECTION ITEMS				
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?		☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?		☒	☐	☐
3. Is a weep located at the base of the protective casing?		☐	☒	☐
4. Is the well casing loose?		☒	☐	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☐	☒	☐
2. Does the well have a waterproof steel/brass lock?		☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?		☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?		☐	☐	☒
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>TOWW</u>)		☐	☒	☐
2. Measured depth of well from top of well casing:		<u>271.45</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>0.093</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?		☒	☐	☐
5. Do any obstructions occur within the well?		☒	☐	☐
SECONDARY INSPECTION ITEMS				
WELL 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 plate with engraved well number attached to the outermost casing?		☐	☒	☐
2. Is the well number legible?		☐	☒	☐
3. Is the well identification number correct?		☐	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☐	☒	☐
2. Is the pad cracked or deteriorated?		☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?		☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?		☐	☐	☒
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 this section if at least one shaded box has a check mark:				
☐ Primary Items	☐ Secondary Items			
Maintenance Request Number (from request form): _____				
COMMENTS				
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>		
Δ <u>TOWW</u> /TOC = .48 ft.				

Inspection Date: 2/13/01

Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

EMWMF

#01-1434

WELL INFORMATION					
Well Number: <u>GW-639</u>	Screen Or Open Interval: <u>N/A</u>				
Site: <u>D-CELL EMWMF</u>	Constructed Depth: <u>125.50</u>				
PRIMARY INSPECTION ITEMS					
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	<table border="1" style="width:100%; text-align: center;"> <tr> <td></td> <td>NO</td> <td>YES</td> <td>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%; text-align: center;"> <tr> <td>☒</td> <td>☐</td> <td>☐</td> </tr> </table>	☒	☐	☐	
☒	☐	☐			
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?	<table border="1" style="width:100%; text-align: center;"> <tr> <td>☐</td> <td>☐</td> <td>☒</td> </tr> </table>	☐	☐	☒	
☐	☐	☒			
4. Is the protective surface 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:	_____ ft				
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	_____ %				
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:	<table border="1" style="width:100%; text-align: center;"> <tr> <td></td> <td>NO</td> <td>YES</td> <td>N/A</td> </tr> </table>		NO	YES	N/A
	NO	YES	N/A		
1. Does the access road require grading or additional gravel?	<table border="1" style="width:100%; text-align: center;"> <tr> <td>☒</td> <td>☐</td> <td>☐</td> </tr> </table>	☒	☐	☐	
☒	☐	☐			
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?	<table border="1" style="width:100%; text-align: center;"> <tr> <td>☒</td> <td>☐</td> <td>☐</td> </tr> </table>	☒	☐	☐	
☒	☐	☐			
Explain: _____					
WELL IDENTIFICATION:					
1. Is a stainless 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 guard posts 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 only if any of the above shaded yes/no boxes are checked:					
☐ Primary Items ☐ Secondary Items					
Request numbers for maintenance performed on this well: _____					
COMMENTS					

Inspected By: *SMK*

Inspection Date: 9-18-07

Superintendent Review/Approval: *HMC*

Date: 03/20/08

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-017

WELL INFORMATION				
Well Number: <u>6W-653</u>	Screen Or Open Interval: <u>10.00</u>	$41.75 + 0.24 = 41.99$		
Site: <u>B6</u>	Constructed Depth: <u>41.75 + 0.24</u>			
PRIMARY INSPECTION ITEMS				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?		☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?		☒	☒	☐
3. Is a weep located at the base of the protective casing?		☒	☐	☒
4. Is the well casing loose?		☐	☒	☒
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☐	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?		☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?		☒	☐	☒
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing? (TOC <u>TOWW</u>)		☒	☒	☐
2. Measured depth of well from top of well casing:		<u>41.66</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>0.033</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL 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 plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
3. Is the well identification number correct?		☒	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☒	☒	☐
2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?		☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?		☐	☒	☒
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 this section if at least one shaded box has a check mark:				
☐ Primary Items		☐ Secondary Items		
Maintenance Request Number (from request form): _____				
COMMENTS				
Bottom of the well: solid or <u>soft</u>		Is dedicated sampling equipment present? <u>yes</u>		
Δ <u>TOWW</u> / TOC = <u>.24</u> ft.				

Y-12 GWP/WF Rev 5 (2/16/2009)

Inspection Date:

2/12/01

Inspected By:

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-063

WELL INFORMATION			
Well Number: <u>GW-656</u>	Screen Or Open Interval: <u>16.00</u>		
Site: <u>T0134</u>	Constructed Depth: <u>20.59</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☐	☒
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☒	☐
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☐	☐
2. Measured depth of well from top of well casing:	<u>20.45</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.014</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☒	☐	☐
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: solid or <u>soft</u>		Is dedicated sampling equipment present? <u>yes</u>	
ΔTOWW/ <u>00</u> = _____ ft.			

Inspection Date: 5/24/01Inspected By: MS/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 22 01-002

WELL INFORMATION

Well Number: CW-683Site: EXP-AScreen Or Open Interval: 50.60Constructed Depth: 179.41 + 0.18 = 179.59

PRIMARY INSPECTION ITEMS

WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?		☒		☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?		☒		☒	☒	☐
3. Is a weep located at the base of the protective casing?				☒	☐	☒
4. Is the well casing loose?		☒		☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel/brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?				☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?				☒	☒	☐
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)				☒	☒	☐
2. Measured depth of well from top of well casing:					<u>179.95</u>	ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length					<u>-0.007</u>	%
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?		☒		☒	☒	☐
5. Do any obstructions occur within the well?		☒		☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark:

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or softIs dedicated sampling equipment present? YESAccess thru SNS difficult at best, need key for old Chesnut Ridge Rd. bar gate - old Forestry Key? $\Delta TOWW/TOC = 0.18$ ft.Inspection Date: 1/9/01Inspected By: LMB/AFH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-001

WELL INFORMATION

Well Number: CW-684

Screen Or Open Interval: 14.40

Site: Y6961 EXP-A

Constructed Depth: 131.53 + 0.18 = 131.71

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☒	☐	☐

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☒	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>132.29</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>- 0.04</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐

SECONDARY INSPECTION ITEMS

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

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒

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 this section if at least one shaded box has a check mark:

☐ Primary Items

☒ Secondary Items

Maintenance Request Number (from request form): 02-0015

COMMENTS

Bottom of the well: solid or soft?

Is dedicated sampling equipment present? yes

2 trees need to be cut down, they are dead - Removed under WMR-02-001

ΔTOWW/TOC = 0.18 ft.

Inspection Date:

1/9/01

Inspected By:

WMB/AFH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-024

WELL INFORMATION			
Well Number: <u>W-685</u>	Screen Or Open Interval: <u>50.00</u>		
Site: <u>EXP-A</u>	Constructed Depth: <u>140.53 + 0.47 = 141.0</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☐	☐
2. Measured depth of well from top of well casing:	<u>142.38</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.03</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>Solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
ΔTOWW/TOC = <u>.47</u> ft.			

Y-12 GWP-WB Rev. 5 (2/15/2000)

Inspection Date: 3/14/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-003

WELL INFORMATION			
Well Number: <u>CW-695</u>	Screen Or Open Interval: <u>10.00</u>	Constructed Depth: <u>64.55 + 0.16 = 64.71</u>	
Site: <u>EXP-B</u>			
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☐	☒
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>65.44</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.07</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items		☐ Secondary Items	
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
<u>Corrective factor: 1.6 inches</u>			
Δ TOWW/TOC = <u>.16</u> ft.			

Y-12 GWPP WIF Rev. 5 (2/16/2000)

Inspection Date: 1/16/01Inspected By: AFH/lmb

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-060

WELL INFORMATION			
Well Number: <u>W-698</u>	Screen Or Open Interval: <u>10.00</u>		
Site: <u>B8110</u>	Constructed Depth: <u>75.00</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☐	☒
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☐	☒
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☒	☐
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☐	☐
2. Measured depth of well from top of well casing:	<u>74.87</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.013</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. Is the pad cracked or deteriorated?	☐	☒	☒
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☒	☒	☐
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
ΔTOWW/TOC = _____ ft.			

Y-12 GWPP WIE Rev. 5 (2/16/2001)

Inspection Date: 5/23/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-004

WELL INFORMATION			
Well Number: <u>GW-703</u>	Screen Or <u>Open</u> Interval: <u>49.20</u>		
Site: <u>EXP-B</u>	Constructed Depth: <u>184.89 + 0.55 = 185.44</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>185.77</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>- 0.006</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
<u>Solid bottom but about a inch of softness, no mud on tape</u>			

Y-12 GWPP WIF Rev. 5 (2/16/2000)

 $\Delta(TOWW)/TOC = \frac{5.5}{185.77} = 0.0296$
Inspection Date: 1/22/01Inspected By: AFH/vmb

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-006

WELL INFORMATION			
Well Number: <u>W-704</u>	Screen Or <u>Open</u> Interval: <u>4.50</u>		
Site: <u>EXP-B</u>	Constructed Depth: <u>258.74 + 0.48 = 259.22</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>259.23</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>- 0.00</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present?	
Δ TOWW TOC = <u>4.8</u> ^{10%} <u>.48</u>			

Inspection Date: 1/23/01Inspected By: AH/mB

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
201-145

WELL INFORMATION	
Well Number: <u>GW-704</u>	Screen Or Open Interval: <u>10.0</u>
Site: <u>Exit Parkway, Tractor B</u>	Constructed Depth: <u>258.74</u>
PRIMARY INSPECTION ITEMS	
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	
	NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☐ ☐
2. Is the PVC well casing cracked or broken?	☐ ☐ ☒
3. Is a protective surface casing installed?	☐ ☒ ☐
4. Is the protective surface casing corroded, bent, or broken?	☒ ☐ ☐
5. Is a weep located at the base of the protective casing?	☐ ☐ ☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☐ ☐
WELL SECURITY:	
1. Does the well have a cap or lid?	☐ ☒ ☐
2. Does the well have a waterproof steel/brass lock?	☐ ☒ ☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐ ☒ ☐
DOWNHOLE CONDITION:	
1. Is a measurement reference point marked on the top of the well casing?	☐ ☒ ☐
2. Measured depth of well from top of well casing:	<u>265.9</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.) block access to well?	☒ ☐ ☐
Explain: <u>NEED Mowing</u>	
WELL IDENTIFICATION:	
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐ ☒ ☐
2. Is the well number legible?	☐ ☒ ☐
3. Is the well identification number correct?	☐ ☒ ☐
CONCRETE PAD:	
1. Is a concrete pad installed (active wells only)?	☐ ☒ ☐
2. 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 Items	☐ Secondary Items
Request numbers for maintenance performed on this well: _____	
COMMENTS	
<u>Hand Tag at Bottom</u>	

Inspected By: SMK

Inspection Date: 9-13-01

Superintendent Review/Approval: H McClaney

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: GI-007

WELL INFORMATION			
Well Number: <u>GW-706</u>	Screen Or <u>Open</u> Interval: <u>24.40</u>		
Site: <u>EXP-B</u>	Constructed Depth: <u>185.39 + 0.43 = 185.82</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC <u>TOWW</u>)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>186.39</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.02</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
$\Delta TOWW/TOC = \frac{4.3}{185.82} = .023$			

Inspection Date: 1/23/01Inspected By: AH/MB

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-144

WELL INFORMATION						
Well Number:	<u>610-706</u>		Screen Or Open Interval:	<u>25.5</u>		
Site:	<u>Exit Refinery TEA</u>		Constructed Depth:	<u>185.4</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☒ Steel	☐ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐	☐	☐	
2. Is the PVC well casing cracked or broken?	☐	☐	☒	☐	☐	
3. Is a protective surface casing installed?	☐	☐	☒	☐	☐	
4. Is the protective surface casing corroded, bent, or broken?	☐	☐	☒	☐	☐	
5. Is a weep located at the base of the protective casing?	☐	☐	☒	☐	☐	
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?	☐	☒	☐	☐	☐	
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐	☐	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐	☐	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐	☐	☐	
2. Measured depth of well from top of well casing:	☒	<u>185.70</u>	ft	☐	☐	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	☐	<u>S/A</u>	%	☐	☐	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐	☐	☐	
5. Do any obstructions occur within the well?	☒	☐	☐	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐	☐	☐	
2. Is the well number legible?	☐	☒	☐	☐	☐	
3. Is the well identification number correct?	☐	☒	☐	☐	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?	☐	☒	☐	☐	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Hand tag of bottom</u>						

Inspected By: [Signature]

Inspection Date: 9-17-01

Superintendent Review/Approval: [Signature]

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-111

WELL INFORMATION							
Well Number: <u>GN-712</u>		Screen Or Open Interval: _____					
Site: <u>Exit Highway Phase W</u>		Constructed Depth: <u>460.98</u>					
PRIMARY INSPECTION ITEMS							
WELL CASINGS:		☒ Steel	☐ Stainless Steel	☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☐	☐	☒	☐	☐
2. Is the PVC well casing cracked or broken?		☒	☐	☐	☒	☐	☐
3. Is a protective surface casing installed?		☒	☐	☐	☒	☐	☐
4. Is the protective surface casing corroded, bent, or broken?		☒	☐	☐	☒	☐	☐
5. Is a weep located at the base of the protective casing?		☒	☐	☐	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐	☐	☒	☐	☐
WELL SECURITY:							
1. Does the well have a cap or lid?		☐	☒	☐	☒	☐	☐
2. Does the well have a waterproof steel/brass lock?		☐	☒	☐	☒	☐	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☒	☐	☒	☐	☐
DOWNHOLE CONDITION:							
1. Is a measurement reference point marked on the top of the well casing?		☐	☒	☐	☒	☐	☐
2. Measured depth of well from top of well casing:		<u>5/4</u> ft					
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>5/4</u> %					
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☐	☒	☐	☒	☐	☐
5. Do any obstructions occur within the well?		☒	☐	☐	☒	☐	☐
SECONDARY INSPECTION ITEMS							
WELL 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 plate with engraved well number attached to the outermost casing?		☐	☒	☐	☒	☐	☐
2. Is the well number legible?		☐	☒	☐	☒	☐	☐
3. Is the well identification number correct?		☐	☒	☐	☒	☐	☐
CONCRETE PAD:							
1. Is a concrete pad installed (active wells only)?		☐	☒	☐	☒	☐	☐
2. 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 Items		☐ Secondary Items					
Request numbers for maintenance performed on this well: _____							
COMMENTS							
<u>Cannot measure depth</u>							

Inspected By: [Signature]

Inspection Date: 9-13-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-112

WELL INFORMATION						
Well Number:	<u>GW-713</u>		Screen Or Open Interval:			
Site:	<u>Exit Pathway TRAVERSE W</u>		Constructed Depth:	<u>318.0</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☒ Steel	☐ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☐	☐	
2. Is the PVC well casing cracked or broken?			☒	☐	☐	
3. Is a protective surface casing installed?			☐	☒	☐	
4. Is the protective surface casing corroded, bent, or broken?			☒	☐	☐	
5. Is a weep located at the base of the protective casing?			☐	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☐	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☐	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☐	☒	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?			☐	☒	☐	
2. Measured depth of well from top of well casing:			<u>N/A</u>		ft	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>N/A</u>		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			☐	☐	☒	
5. Do any obstructions occur within the well?			☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL 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>NEEDS MOWING</u>						
WELL IDENTIFICATION:						
1. Is a stainless plate with engraved well number attached to the outermost casing?			☐	☒	☐	
2. Is the well number legible?			☐	☒	☐	
3. Is the well identification number correct?			☐	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☐	☒	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Cannot measure depth.</u>						

Inspected By: [Signature]

Inspection Date: 9-13-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-113

WELL INFORMATION

Well Number: GW-714 /
Site: East Parkway Traversu

Screen Or Open Interval: 29.9
Constructed Depth: 147.78

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☒ Steel

☐ Stainless Steel

☐ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

☒	☒	☐
☐	☒	☒
☒	☒	☐
☒	☒	☐
☒	☐	☒
☒	☒	☐

WELL SECURITY:

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

☒	☒	☐
☒	☒	☐
☒	☒	☐

DOWNHOLE CONDITION:

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?

☒	☒	☐
<u>147.5</u>	ft	
<u>.009</u>	% Dev	
☒	☒	☐
☒	☒	☐

31-26

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?

NO YES N/A

☒	☒	☐
☒	☒	☐

Explain: _____

WELL IDENTIFICATION:

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

☒	☒	☐
☒	☒	☐
☒	☒	☐

CONCRETE PAD:

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

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Hand Lag of Bottom!

Inspected By: SMK

Inspection Date: 9-13-07

Superintendent Review/Approval: BBW

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-114

WELL INFORMATION			
Well Number: <u>Gal-715</u>	Screen Or Open Interval: <u>10.0</u>		
Site: <u>East Parkway TRAPROSE W</u>	Constructed Depth: <u>45.65</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☐ Steel	☒ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☒	☐	☒
3. Is a protective surface casing installed?	☒	☒	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>45.91</u>	ft	<u>Drill</u>
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	<u>29.0</u>
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand tag of bottom</u>			

Inspected By: SM Keiser

Inspection Date: 9-13-01

Superintendent Review/Approval: B. B. Wayland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-147

WELL INFORMATION			
Well Number:	<u>GLD-722 Westbay</u>	Screen Or Open Interval:	<u>569.3</u>
Site:	<u>East Parkway Truss I</u>	Constructed Depth:	<u>646.97</u>
PRIMARY INSPECTION ITEMS			
WELL CASINGS:		☐ Steel ☐ Stainless Steel ☒ PVC	NO YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☐	☒
2. Is the PVC well casing cracked or broken?		☒	☐
3. Is a protective surface casing installed?		☒	☐
4. Is the protective surface casing corroded, bent, or broken?		☒	☐
5. Is a weep located at the base of the protective casing?		☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☐
DOWNHOLE CONDITION:			
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
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 plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Westbay Well</u>			

Inspected By: SM/Seaton

Superintendent Review/Approval: H McClancy

Inspection Date: 9-20-01

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: CI-010

WELL INFORMATION			
Well Number: <u>GW-724</u>	Site: <u>EXP-C</u>	Screen Or Open Interval: <u>12.00</u>	Constructed Depth: <u>304.25 + 0.48 = 304.73</u>
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>304.75</u> <u>293.78</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.0</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
<u>Messard from TOWN</u>			
<u>ΔTOWW</u> TOC = <u>.48</u> ft.			

Y-12 GWPP WIF Rev 5 (2-15-2000)

Inspection Date: 1/25/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-005

WELL INFORMATION			
Well Number: <u>GW-725</u>	Screen Or <u>Open</u> Interval: <u>10.00</u>		
Site: <u>EXP-C</u>	Constructed Depth: <u>145.29 + 0.49 = 145.78</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☒	☐
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☒	☐
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC <u>TOWW</u>)	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>145.93</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.015</u>	%	
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☒	☒	☐
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☒ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
<u>paint is degrading!</u>			
<div style="text-align: right;"> $\Delta TOWW / TOC = \frac{4.9}{145.78} = 0.034$ </div>			

Inspection Date: 1/22/01Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-115

WELL INFORMATION						
Well Number:	<u>6-11-731</u>		Screen Or Open Interval:	<u>10.0</u>		
Site:	<u>CR Sed. Deposit Basin</u>		Constructed Depth:	<u>183.53</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☐ Steel	☒ Stainless Steel	☐ PVC	
				NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?				☒	☒	☐
2. Is the PVC well casing cracked or broken?				☐	☒	☒
3. Is a protective surface casing installed?				☒	☐	☒
4. Is the protective surface casing corroded, bent, or broken?				☐	☒	☒
5. Is a weep located at the base of the protective casing?				☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?				☒	☒	☐
WELL SECURITY:						
1. Does the well have a cap or lid?				☒	☒	☐
2. Does the well have a waterproof steel/brass lock?				☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?				☒	☒	☐
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?				☒	☒	☐
2. Measured depth of well from top of well casing:				<u>197.50</u>		ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length				<u>N/A</u>		%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?				☒	☒	☐
5. Do any obstructions occur within the well?				☒	☒	☐
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?				☒	☒	☐
2. Is the well number legible?				☒	☒	☐
3. Is the well identification number correct?				☒	☒	☐
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?				☒	☒	☐
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Hand tag of bottom</u>						

Inspected By: SM Kacur

Inspection Date: 9-20-01

Superintendent Review/Approval: B. B. Highland

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-114

WELL INFORMATION			
Well Number: <u>GW-732 /</u>	Screen Or Open Interval: <u>10.0</u>		
Site: <u>CR Sediment Deposition Basin</u>	Constructed Depth: <u>194.04</u>		
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?		☒	☐
4. Is the protective surface casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:	<u>192.40</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
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 plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hard tag of bottom</u>			

Inspected By: SN Kim

Inspection Date: 9-20-01

Superintendent Review/Approval: B. Brinkley

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-117

WELL INFORMATION						
Well Number:	<u>GW-733</u>		Screen Or Open Interval:	<u>10.0</u>		
Site:	<u>East Potomac TPAverse J</u>		Constructed Depth:	<u>259.85</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☒ Steel	☐ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☒	☐	☐	
2. Is the PVC well casing cracked or broken?	☒	☐	☒	☐	☐	
3. Is a protective surface casing installed?	☒	☐	☒	☐	☐	
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☒	☐	☐	
5. Is a weep located at the base of the protective casing?	☒	☐	☐	☒	☐	
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☒	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?	☒	☐	☒	☐	☐	
2. Does the well have a waterproof steel/brass lock?	☒	☐	☒	☐	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☐	☒	☐	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☒	☐	☒	☐	☐	
2. Measured depth of well from top of well casing:	<u>259.90</u>			ft		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>25.1</u>			%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☒	☐	☐	
5. Do any obstructions occur within the well?	☒	☐	☒	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☐	☒	☐	☐	
2. Is the well number legible?	☒	☐	☒	☐	☐	
3. Is the well identification number correct?	☒	☐	☒	☐	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?	☒	☐	☒	☐	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Handed tag of Bottom</u>						

Inspected By: [Signature]

Inspection Date: 9-14-07

Superintendent Review Approval: [Signature]

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-055

WELL INFORMATION				
Well Number: <u>GW-735</u>	Screen Or Open Interval: <u>10.00</u>	Constructed Depth: <u>80.84 + 0.19 = 81.03</u>		
Site: <u>EXP-J</u>				
PRIMARY INSPECTION ITEMS				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?		☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?		☒	☒	☐
3. Is a weep located at the base of the protective casing?		☐	☐	☒
4. Is the well casing loose?		☒	☒	☐
WELL SECURITY:				
1. Does the well have a cap or lid?		☐	☒	☐
2. Does the well have a waterproof steel/brass lock?		☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?		☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?		☐	☐	☒
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)		☐	☒	☐
2. Measured depth of well from top of well casing:		<u>82.03</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>-0.1</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?		☒	☐	☐
5. Do any obstructions occur within the well?		☒	☐	☐
SECONDARY INSPECTION ITEMS				
WELL 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 plate with engraved well number attached to the outermost casing?		☐	☒	☐
2. Is the well number legible?		☐	☒	☐
3. Is the well identification number correct?		☐	☒	☐
CONCRETE PAD:				
1. Is a concrete pad installed (active wells only)?		☐	☒	☐
2. Is the pad cracked or deteriorated?		☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?		☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?		☐	☐	☒
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 this section if at least one shaded box has a check mark:				
☐ Primary Items		☐ Secondary Items		
Maintenance Request Number (from request form): _____				
COMMENTS				
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>		
ΔTOWW/TOC = <u>.19</u> ft.				

Y-12 (GWPP WIF Rev 5 (2/16/2000))

Inspection Date: 5/8/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-009

WELL INFORMATION			
Well Number: <u>GW-738</u>	Screen Or Open Interval: <u>20.00</u>		
Site: <u>EXP-C</u>	Constructed Depth: <u>90.02 + 0.23 = 90.25</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>92.00</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.09</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
$\Delta(TOWW)TOC = .23$ ft.			

Inspection Date: 1/24/01

Inspected By: AH/mB

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-008

WELL INFORMATION			
Well Number: <u>6w-740</u>	Screen or <u>Open</u> Interval: <u>24.40</u>		
Site: <u>EXP-C</u>	Constructed Depth: <u>192.68 + 0.52</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☒	☐
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>193.29</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.003</u>	%	
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☒ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): <u>02-0045</u>			
COMMENTS			
Bottom of the well: <u>Solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
<u>Tag has come off, is laying on pad!</u>			
<u>approx. a inch or so soft material on bottom.</u>			
Δ TOWW/TOC = .52 ft.			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-653

WELL INFORMATION						
Well Number: <u>GW-744</u>	Site: <u>GRID K1</u>	☒ Screen	Or Open Interval: <u>10.00</u>			
				Constructed Depth: <u>69.28</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the well casing corroded, bent, cracked, or broken?			☒	☒	☐	
2. Is the protective surface casing corroded, bent, or broken?			☒	☒	☐	
3. Is a weep located at the base of the protective casing?			☒	☐	☒	
4. Is the well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☒	☒	☐	
4. If flush-mounted, is the traffic cover securely bolted to the christy box?			☒	☐	☒	
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?			☒	☐	☒	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing? (FOC/TOWW)			☒	☒	☐	
2. Measured depth of well from top of well casing:			<u>70.00</u> ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			<u>-0.07</u> %			
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?			☒	☒	☐	
5. Do any obstructions occur within the well?			☒	☒	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. Is the pad cracked or deteriorated?			☒	☒	☐	
3. Is the pad sloped to prevent water from ponding around the casing or christy box?			☒	☒	☐	
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?			☐	☒	☒	
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 this section if at least one shaded box has a check mark:						
☐ Primary Items			☐ Secondary Items			
Maintenance Request Number (from request form): _____						
COMMENTS						
Bottom of the well: <u>solid</u> or soft?			Is dedicated sampling equipment present? <u>yes</u>			
$\Delta TOWW / \text{FOC} = 0.0$ ft.						

Y-12 GWPP WIF Rev. 5-12-16-20***)

Inspection Date: 5/7/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-054

WELL INFORMATION			
Well Number: <u>W-747</u>	Screen Or Open Interval: <u>10.00</u>	Constructed Depth: <u>81.73 + 0.18 = 81.91</u>	
Site: <u>GRTPK2</u>			
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☐	☒
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? <u>TOC(TOWW)</u>	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>82.46</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.055</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft? Is dedicated sampling equipment present? <u>yes</u>			
$\Delta TOWW/TOC = 0.18$ ft.			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-052

WELL INFORMATION			
Well Number: <u>W-750</u>	Site: <u>EXP-5</u>	Screen Or Open Interval: <u>10.0</u>	Constructed Depth: <u>75.2 + 0.12</u>
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☐	☒
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>75.71</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>- 0.039</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: solid or soft?		Is dedicated sampling equipment present? <u>yes</u>	
Δ TOWW/TOC = <u>0.12</u> ft.			

Y-12 GWP/WP Rev. 5/12/16 (2000)

Inspection Date:

5/3/01

Inspected By:

MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-148

WELL INFORMATION			
Well Number: <u>610-762</u>	Screen Or Open Interval: <u>10.0</u>		
Site: <u>New Hope Pond</u>	Constructed Depth: <u>60.2</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☐ ☐		
2. Is the PVC well casing cracked or broken?	☐ ☐ ☒		
3. Is a protective surface casing installed?	☐ ☐ ☒		
4. Is the protective surface casing corroded, bent, or broken?	☐ ☐ ☒		
5. Is a weep located at the base of the protective casing?	☐ ☐ ☒		
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☐ ☐		
WELL SECURITY:			
1. Does the well have a cap or lid?	☐ ☒ ☐		
2. Does the well have a waterproof steel/brass lock?	☐ ☒ ☐		
3. Are the hasps firmly welded to well cap and/or metal casing?	☐ ☒ ☐		
DOWNHOLE CONDITION:			
1. 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>N/A</u> %		
4. Is 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		
1.	☒ ☐ ☐		
2.	☒ ☐ ☐		
WELL IDENTIFICATION:			
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐ ☒ ☐		
2. Is the well number legible?	☐ ☒ ☐		
3. Is the well identification number correct?	☐ ☒ ☐		
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐ ☒ ☐		
2. 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 Items	☐ Secondary Items		
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>New log of water</u>			

Inspected By: SM Kuen

Superintendent Review/Approval: H McClancy

Inspection Date: 9-25-07

Date: 03/20/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-044

WELL INFORMATION

Well Number: W-763
Site: GRID JPScreen Or Open Interval: 10.00
Constructed Depth: 18.62 + 0.25 = 18.87

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

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

NO YES N/A

2. Is the protective surface casing corroded, bent, or broken?

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

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

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

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

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (FOC (TOWW))

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 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL 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 plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

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

2. Is the pad cracked or deteriorated?

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

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

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 this section if at least one shaded box has a check mark.

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form) _____

COMMENTS

Bottom of the well: Solid or soft?

Is dedicated sampling equipment present?

 $\Delta TOWW/TOC = .25$ ft.

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-041

WELL INFORMATION

Well Number: GW-769
Site: GRID G3Screen Or Open Interval: 10.00
Constructed Depth: 62.03 + 0.14 = 62.17

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

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

NO YES N/A

2. Is the protective surface casing corroded, bent, or broken?

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

4. Is the well casing loose?

WELL SECURITY:

1. Does the well have a cap or lid?

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

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

4. If flush-mounted, is the traffic cover securely bolted to the christy box?

5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC TOWW)

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 (20% of screen or open-hole interval under sediment)?

5. Do any obstructions occur within the well?

SECONDARY INSPECTION ITEMS

WELL 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 plate with engraved well number attached to the outermost casing?

2. Is the well number legible?

3. Is the well identification number correct?

CONCRETE PAD:

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

2. Is the pad cracked or deteriorated?

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

4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

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 this section if at least one shaded box has a check mark

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form): _____

COMMENTS

Bottom of the well: solid or soft?Is dedicated sampling equipment present? yes $\Delta TOWW/TOC = .16$ ft.

Inspection Date

4/17/01

Inspected By:

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-040

WELL INFORMATION

Well Number: 6w-770
Site: GRID E3Screen Or Open Interval: 10.00
Constructed Depth: 21.28 + 0.15 = 21.43

PRIMARY INSPECTION ITEMS

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC

1. Is the well casing corroded, bent, cracked, or broken?
2. Is the protective surface casing corroded, bent, or broken?
3. Is a weep located at the base of the protective casing?
4. Is the 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?
4. If flush-mounted, is the traffic cover securely bolted to the christy box?
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?

NO	YES	N/A
☐	☒	☐
☐	☒	☐
☐	☒	☐
☐	☐	☒
☐	☐	☒

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing? (TOC) (6WW)
2. Measured depth of well from top of well casing: 21.85 ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length = - 0.042 %
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?
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?
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well?

NO	YES	N/A
☒	☐	☐
☒	☐	☐

Explain: _____

WELL IDENTIFICATION:

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

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 or christy box?
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?

NO	YES	N/A
☐	☒	☐
☒	☐	☐
☐	☒	☐
☐	☐	☒

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?

NO	YES	N/A
☒	☐	☐
☐	☒	☐
☐	☒	☐
☒	☐	☐

WELL MAINTENANCE REQUEST

Complete this section if at least one shaded box has a check mark.

☐ Primary Items☐ Secondary Items

Maintenance Request Number (from request form) _____

COMMENTS

Bottom of the well: Solid or soft?Is dedicated sampling equipment present? yes(TOWW) TOC = .15 ft.4/17/01MB/AH

INSPECTION NO: 01-058Y-12 GWPP WIF Rev 5 (2/16/2000)

Toby Harrison observed.

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-059

WELL INFORMATION			
Well Number: <u>W-772</u>	Site: <u>GRD C1</u>	Screen Or Open Interval: <u>10.00</u>	Constructed Depth: <u>18.06 + 0.16 = 18.22</u>
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☒	☐
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>18.98</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.076</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: solid or soft?		Is dedicated sampling equipment present? <u>Yes</u>	
ΔTOWW/TOC = <u>.16</u> ft.			

Y-12 GWPP WIF Rev 5 (2/16/2000)

Inspection Date:

5/22/01

Inspected By:

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 61-042

WELL INFORMATION			
Well Number: <u>W-782</u>	Screen Or Open Interval: <u>10.00</u>		
Site: <u>GRIPES</u>	Constructed Depth: <u>32.98 + 0.14 = 38.14</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>38.09</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.005</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
Δ(TOWW)/TOC = <u>.16</u> ft.			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-054

WELL INFORMATION			
Well Number: <u>GW-784</u>	Screen Or Open Interval: <u>10.00</u>	Constructed Depth: <u>66.54 + 0.17 = 66.73</u>	
Site: <u>GRIP RI</u>			
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
3. Is a weep located at the base of the protective casing?	☒	☐	☒
4. Is the well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☒	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☒	☐	☐
2. Measured depth of well from top of well casing:	<u>66.80</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.007</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. Is the pad cracked or deteriorated?	☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☒	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
ΔTOWW/TOC = <u>.17</u> %			

Y-12 GWP/WF Rev 5 (2-16-2000)

Inspection Date: 5/21/01Inspected By: MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-057

WELL INFORMATION			
Well Number: <u>6W-785</u>	Screen Or Open Interval: <u>10.00</u>		
Site: <u>GRID D1</u>	Constructed Depth: <u>26.74 + 0.15 = 26.89</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>26.96</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.005</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items	☐ Secondary Items		
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: solid or soft?		Is dedicated sampling equipment present? <u>yes</u>	
$\Delta \text{TOWW} / \text{TOC} = .15$ ft.			

Y-12 GWPP WIF Rev. 5 (2/16/2000)

Inspection Date:

5/21/01

Inspected By:

MB/AH

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-039

WELL INFORMATION			
Well Number: <u>GW-789</u>	Screen Or Open Interval: <u>10.0</u>		
Site: <u>GRIO F3</u>	Constructed Depth: <u>25.13 + 0.14</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?	☒	☐	☐
2. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
3. Is a weep located at the base of the protective casing?	☐	☐	☒
4. Is the well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐	☐	☒
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC/ <u>FOWW</u>)	☐	☒	☐
2. Measured depth of well from top of well casing:	<u>25.55</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.026</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒	☐	☐
5. Do any obstructions occur within the well?	☒	☐	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. Is the pad cracked or deteriorated?	☒	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐	☐	☒
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 this section if at least one shaded box has a check mark:			
☐ Primary Items		☐ Secondary Items	
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
Δ FOWW/TOC = <u>.16</u> ft.			

Inspection Date: 4/16/01Inspected By: MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#61-118

WELL INFORMATION						
Well Number:	<u>6W-796</u>		Screen Or Open Interval:	<u>10.0</u>		
Site:	<u>Landfill V</u>		Constructed Depth:	<u>183.32</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS:			☐ Steel	☒ Stainless Steel	☐ PVC	
			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐	☐	☐	
2. Is the PVC well casing cracked or broken?	☐	☐	☐	☒	☐	
3. Is a protective surface casing installed?	☐	☒	☐	☐	☐	
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐	☐	☐	
5. Is a weep located at the base of the protective casing?	☐	☐	☐	☐	☒	
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐	☐	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?	☐	☒	☐	☐	☐	
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐	☐	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐	☐	☐	
DOWNHOLE CONDITION:						
1. Is a measurement reference point marked on the top of the well casing?	☐	☒	☐	☐	☐	
2. Measured depth of well from top of well casing:	<u>145.40</u>					ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>N/A</u>					%
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☐	☐	☐	☐	
5. Do any obstructions occur within the well?	☒	☐	☐	☐	☐	
SECONDARY INSPECTION ITEMS						
WELL 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 plate with engraved well number attached to the outermost casing?	☐	☒	☐	☐	☐	
2. Is the well number legible?	☐	☒	☐	☐	☐	
3. Is the well identification number correct?	☐	☒	☐	☐	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?	☐	☒	☐	☐	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						
<u>Hand tag of bottom</u>						

Inspected By: [Signature]

Inspection Date: 9-13-01

Superintendent Review/Approval: [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-119

WELL INFORMATION	
Well Number: <u>GW-798</u>	Screen Or Open Interval: <u>10.0</u>
Site: <u>Landfill VII</u>	Constructed Depth: <u>134.50</u>
PRIMARY INSPECTION ITEMS	
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC NO YES N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☒ ☐
2. Is the PVC well casing cracked or broken?	☒ ☒ ☐
3. Is a protective surface casing installed?	☒ ☒ ☐
4. Is the protective surface casing corroded, bent, or broken?	☒ ☒ ☐
5. Is a weep located at the base of the protective casing?	☒ ☒ ☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☒ ☐
WELL SECURITY:	
1. Does the well have a cap or lid?	☒ ☒ ☐
2. Does the well have a waterproof steel/brass lock?	☒ ☒ ☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒ ☒ ☐
DOWNHOLE CONDITION:	
1. Is a measurement reference point marked on the top of the well casing?	☒ ☒ ☐
2. Measured depth of well from top of well casing:	<u>134.10</u> ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>.04</u> %
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒ ☒ ☐
5. Do any obstructions occur within the well?	☒ ☒ ☐
SECONDARY INSPECTION ITEMS	
WELL 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 plate with engraved well number attached to the outermost casing?	☒ ☒ ☐
2. Is the well number legible?	☒ ☒ ☐
3. Is the well identification number correct?	☒ ☒ ☐
CONCRETE PAD:	
1. Is a concrete pad installed (active wells only)?	☒ ☒ ☐
2. 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 Items	☐ Secondary Items
Request numbers for maintenance performed on this well: _____	
COMMENTS	
<u>Hand tag of bottom</u>	

Inspected By: _____

Inspection Date: 9-13-01

Superintendent Review/Approval: _____

Date: 10/11/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-120

WELL INFORMATION																													
Well Number: <u>GW-7995</u>	Screen Or Open Interval: <u>9.4</u>																												
Site: <u>Landfill V</u>	Constructed Depth: <u>94.99</u>																												
PRIMARY INSPECTION ITEMS																													
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> </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?	☒	☒	☐	4. Is the protective surface casing corroded, bent, or 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																										
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐																										
2. Is the PVC well casing cracked or broken?	☒	☒	☐																										
3. Is a protective surface casing installed?	☒	☒	☐																										
4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐																										
5. Is a weep located at the base of the protective casing?	☒	☒	☐																										
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Inspected By: [Signature]

Inspection Date: 9-13-01

Superintendent Review/Approval: [Signature]

Date: 10/11/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-121

WELL INFORMATION																													
Well Number: <u>GW-801</u>	Screen Or Open Interval: <u>9.9</u>																												
Site: <u>Landfill</u>	Constructed Depth: <u>192.04</u>																												
PRIMARY INSPECTION ITEMS																													
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☒</td> <td align="center">☒</td> <td align="center">☐</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☒</td> <td 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?	☒	☒	☐	4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐	5. Is a weep located at the base of the protective casing?	☒	☒	☐	6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
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Request numbers for maintenance performed on this well: _____																													
COMMENTS																													
<u>Check log of bottom</u>																													

Inspected By: Jay Mitchell

Inspection Date: 9-13-01

Superintendent Review/Approval: B. S. W. W. W.

Date: 10/1/01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
 INSPECTION NO: 01-051

WELL INFORMATION			
Well Number: <u>GW-816</u>	Screen Or Open Interval: <u>9.00</u>		
Site: <u>EXP-SR</u>	Constructed Depth: <u>17.25 + 0.20 = 17.45</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the well casing corroded, bent, cracked, or broken?	☒ ☐ ☐		
2. Is the protective surface casing corroded, bent, or broken?	☒ ☐ ☐		
3. Is a weep located at the base of the protective casing?	☐ ☐ ☒		
4. Is the well casing loose?	☒ ☐ ☐		
WELL SECURITY:			
1. Does the well have a cap or lid?	☐ ☒ ☐		
2. Does the well have a waterproof steel/brass lock?	☐ ☒ ☐		
3. Are the hasps firmly welded to well cap and/or metal casing?	☐ ☒ ☐		
4. If flush-mounted, is the traffic cover securely bolted to the christy box?	☐ ☐ ☒		
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?	☐ ☐ ☒		
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing? (TOC <u>TOWW</u>)	☐ ☒ ☐		
2. Measured depth of well from top of well casing:	<u>18.0</u>	ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>-0.06</u>	%	
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?	☒ ☐ ☐		
5. Do any obstructions occur within the well?	☒ ☐ ☐		
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐ ☒ ☐		
2. Is the well number legible?	☐ ☒ ☐		
3. Is the well identification number correct?	☐ ☒ ☐		
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐ ☒ ☐		
2. Is the pad cracked or deteriorated?	☒ ☐ ☐		
3. Is the pad sloped to prevent water from ponding around the casing or christy box?	☐ ☒ ☐		
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?	☐ ☐ ☒		
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 this section if at least one shaded box has a check mark:			
☐ Primary Items		☐ Secondary Items	
Maintenance Request Number (from request form): _____			
COMMENTS			
Bottom of the well: <u>solid</u> or soft?		Is dedicated sampling equipment present? <u>yes</u>	
Δ(TOWW)TOC = <u>.20</u> ft.			

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL INSPECTION CHECKLIST

INSPECTION NO: 01-012

WELL INFORMATION				
Well Number: <u>G-829</u>	Screen Or Open Interval: <u>7.80</u>	Constructed Depth: <u>118.36 + 0.17 = 118.53</u>		
Site: <u>OLF</u>				
PRIMARY INSPECTION ITEMS				
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC		NO	YES	N/A
1. Is the well casing corroded, bent, cracked, or broken?		☒	☒	☐
2. Is the protective surface casing corroded, bent, or broken?		☒	☒	☐
3. Is a weep located at the base of the protective casing?		☒	☐	☒
4. Is the well casing loose?		☐	☒	☒
WELL SECURITY:				
1. Does the well have a cap or lid?		☒	☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☒	☐
4. If flush-mounted, is the traffic cover securely bolted to the christy box?		☒	☐	☒
5. If flush-mounted, is the well cap tight and the rubber seal in good condition?		☒	☐	☒
DOWNHOLE CONDITION:				
1. Is a measurement reference point marked on the top of the well casing? (TOC/TOWW)		☒	☒	☐
2. Measured depth of well from top of well casing:		<u>118.81</u> ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		<u>- 0.008</u> %		
4. Is this value > 0.2 (20% of screen or open-hole interval under sediment)?		☒	☒	☐
5. Do any obstructions occur within the well?		☒	☒	☐
SECONDARY INSPECTION ITEMS				
WELL 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 plate with engraved well number attached to the outermost casing?		☒	☒	☐
2. Is the well number legible?		☒	☒	☐
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CONCRETE PAD:				
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2. Is the pad cracked or deteriorated?		☒	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing or christy box?		☒	☒	☐
4. If flush-mounted, is the traffic cover or christy box damaged or excessively rusted?		☐	☒	☒
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3. Are the guardposts of adequate height?		☒	☒	☐
4. Is the high-traffic yellow paint degraded?		☒	☒	☐
WELL MAINTENANCE REQUEST				
Complete this section if at least one shaded box has a check mark:				
☐ Primary Items		☐ Secondary Items		
Maintenance Request Number (from request form): _____				
COMMENTS				
Bottom of the well: solid or soft?		Is dedicated sampling equipment present? <u>yes</u>		
<u>ΔTOWW</u> TOC = <u>.17</u> ft.				

Inspection Date:

1/29/01

Inspected By:

MB/AH

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#61-122

WELL INFORMATION			
Well Number: <u>GW-831 /</u>	Screen Or Open Interval: <u>10.4</u>		
Site: <u>M5H Reservoir Basin</u>	Constructed Depth: <u>203.05</u>		
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?		☒	☐
4. Is the protective surface casing corroded, bent, or broken?		☐	☒
5. Is a weep located at the base of the protective casing?		☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?		☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?		☒	☐
2. Does the well have a waterproof steel/brass lock?		☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		☒	☐
2. Measured depth of well from top of well casing:	<u>206.1</u>		ft
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>w/ft</u>		%
4. Is this value > 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.) block access to well?		☒	☐
Explain: _____			
WELL IDENTIFICATION:			
1. Is a stainless plate with engraved well number attached to the outermost casing?		☒	☐
2. Is the well number legible?		☒	☐
3. Is the well identification number correct?		☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☐
2. 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 Items		☐ Secondary Items	
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand tag of bottom</u>			

Inspected By: SM Kelm

Inspection Date: 9-28-07

Superintendent Review/Approval: BBK [Signature]

Date: 10/1/01

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-149

WELL INFORMATION			
Well Number: <u>GW-932</u>	Screen Or Open Interval: <u>5.0</u>		
Site: <u>New Hope Pond</u>	Constructed Depth: <u>12.0</u>		
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?	☒	☐	☒
4. Is the protective surface casing corroded, bent, or broken?	☐	☒	☒
5. Is a weep located at the base of the protective casing?	☒	☐	☒
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>11.84</u> ft		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>0.28</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
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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☒
2. 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 Items	☐ Secondary Items		
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Flush Mount</u>			

Inspected By: SWK

Superintendent Review/Approval: HU Clancy

Inspection Date: 9-20-01

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**
#01-150

WELL INFORMATION																													
Well Number: <u>GW-835</u>	Screen Or Open Interval: <u>2.0</u>																												
Site: <u>S-3</u>	Constructed Depth: <u>19.20</u>																												
PRIMARY INSPECTION ITEMS																													
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> <tbody> <tr> <td>1. Is the steel or stainless steel well casing corroded, bent, or broken?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>2. Is the PVC well casing cracked or broken?</td> <td align="center">☒</td> <td align="center">☐</td> <td align="center">☐</td> </tr> <tr> <td>3. Is a protective surface casing installed?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>4. Is the protective surface casing corroded, bent, or broken?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>5. Is a weep located at the base of the protective casing?</td> <td align="center">☐</td> <td align="center">☐</td> <td align="center">☒</td> </tr> <tr> <td>6. Is the steel, stainless steel, or PVC well casing loose?</td> <td align="center">☒</td> <td align="center">☐</td> <td 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?	☐	☐	☒	4. Is the protective surface casing corroded, bent, or broken?	☐	☐	☒	5. Is a weep located at the base of the protective casing?	☐	☐	☒	6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
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WELL MAINTENANCE REQUEST:																													
Complete only if any of the above shaded yes/no boxes are checked:																													
☐ Primary Items	☒ Secondary Items																												
Request numbers for maintenance performed on this well: <u>01-BIC-0025</u>																													
COMMENTS																													
<u>Well has a laminated tag taped on well</u>																													

Inspected By: SMCline

Inspection Date: 9-19-01

Superintendent Review/Approval: H McCleary

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-151

WELL INFORMATION			
Well Number: <u>111-541</u>	Screen Or Open Interval: <u>5.02</u>		
Site: <u>Starkborough</u>	Constructed Depth: <u>10.3</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☒ Steel	☐ Stainless Steel	☐ PVC
	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☒	☐
2. Is the PVC well casing cracked or broken?	☒	☒	☐
3. Is a protective surface casing installed?	☒	☒	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☒	☐
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☒	☐
2. Measured depth of well from top of well casing:	<u>10.1</u> ft		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>.04</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒	☒	☐
5. Do any obstructions occur within the well?	☒	☒	☐
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☒	☒	☐
2. Is the well number legible?	☒	☒	☐
3. Is the well identification number correct?	☒	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☒	☐
2. 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 Items	☒ Secondary Items		
Request numbers for maintenance performed on this well: <u>01-135E-0065</u>			
COMMENTS			

Inspected By: SWK

Inspection Date: 9-26-01

Superintendent Review/Approval: HMC

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#61-152

WELL INFORMATION			
Well Number: <u>662-842</u>	Screen Or Open Interval: <u>10.0</u>		
Site: <u>Scarlborough</u>	Constructed Depth: <u>25.0</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☒ ☐		
2. Is the PVC well casing cracked or broken?	☒ ☒ ☐		
3. Is a protective surface casing installed?	☒ ☒ ☐		
4. Is the protective surface casing corroded, bent, or broken?	☒ ☒ ☐		
5. Is a weep located at the base of the protective casing?	☒ ☐ ☒		
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☒ ☐		
WELL SECURITY:			
1. Does the well have a cap or lid?	☐ ☒ ☐		
2. Does the well have a waterproof steel/brass lock?	☐ ☒ ☐		
3. Are the hasps firmly welded to well cap and/or metal casing?	☐ ☒ ☐		
DOWNHOLE CONDITION:			
1. 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>.02</u> %		
4. Is 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		
1. Does the access road require grading or additional gravel?	☒ ☒ ☐		
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WELL IDENTIFICATION:			
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐ ☒ ☐		
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3. Is the well identification number correct?	☐ ☒ ☐		
CONCRETE PAD:			
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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 Items	☐ Secondary Items		
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<u>Hand dug to bottom</u>			

Inspected By: SA Silva

Inspection Date: 9-26-02 AS 926-01

Superintendent Review/Approval: HM Clancy

Date: 03/26/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-153

WELL INFORMATION			
Well Number: <u>WV-843</u>	Screen Or Open Interval: <u>13.12</u>		
Site: <u>Spartanburg</u>	Constructed Depth: <u>67.0</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS:	☒ Steel ☐ Stainless Steel ☐ PVC	NO	YES N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		☒	☒
2. Is the PVC well casing cracked or broken?		☒	☒
3. Is a protective surface casing installed?		☒	☒
4. Is the protective surface casing corroded, bent, or broken?		☒	☒
5. Is a weep located at the base of the protective casing?		☒	☒
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WELL SECURITY:			
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3. Are the hasps firmly welded to well cap and/or metal casing?		☒	☒
DOWNHOLE CONDITION:			
1. 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>1.03</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		☒	☒
5. Do any obstructions occur within the well?		☒	☒
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?		☒	☒
2. Is the well number legible?		☒	☒
3. Is the well identification number correct?		☒	☒
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		☒	☒
2. 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 Items		☒ Secondary Items	
Request numbers for maintenance performed on this well: <u>01-1336-0075</u>			
COMMENTS			

Inspected By: SM/Secum

Inspection Date: 6-26-01

Superintendent Review/Approval: HMcClancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-154

WELL INFORMATION			
Well Number: <u>6W-344</u>	Screen Or Open Interval: <u>18.0</u>		
Site: <u>Starborough</u>	Constructed Depth: <u>175.0</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☐ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒ ☒ ☐		
2. Is the PVC well casing cracked or broken?	☒ ☒ ☐		
3. Is a protective surface casing installed?	☒ ☒ ☐		
4. Is the protective surface casing corroded, bent, or broken?	☐ ☒ ☐		
5. Is a weep located at the base of the protective casing?	☒ ☐ ☒		
6. Is the steel, stainless steel, or PVC well casing loose?	☒ ☒ ☐		
WELL SECURITY:			
1. Does the well have a cap or lid?	☒ ☒ ☐		
2. Does the well have a waterproof steel/brass lock?	☒ ☒ ☐		
3. Are the hasps firmly welded to well cap and/or metal casing?	☒ ☒ ☐		
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☐ ☒ ☐		
2. Measured depth of well from top of well casing:	<u>174.3</u> ft		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	<u>.07</u> %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☒ ☒ ☐		
5. Do any obstructions occur within the well?	☒ ☒ ☐		
SECONDARY INSPECTION ITEMS			
WELL 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 plate with engraved well number attached to the outermost casing?	☐ ☒ ☐		
2. Is the well number legible?	☐ ☒ ☐		
3. Is the well identification number correct?	☐ ☒ ☐		
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐ ☒ ☐		
2. 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 Items		☒ Secondary Items	
Request numbers for maintenance performed on this well: <u>01-BJC-0055</u>			
COMMENTS			

Inspected By: SM Schaefer

Inspection Date: 9-26-01

Superintendent Review/Approval: H M Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-156

WELL INFORMATION									
Well Number:	<u>GW-916</u>		Screen Or Open Interval:	<u>20 ft.</u>					
Site:	<u>Y-12 EMMWF</u>		Constructed Depth:	<u>37.5</u>					
PRIMARY INSPECTION ITEMS									
WELL CASINGS: ☒ Steel <u>43 9-26-01</u> ☒ Stainless Steel ☐ PVC			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> </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?			☒	☒	☐				
4. Is the protective surface casing corroded, bent, or broken?			☒	☒	☐				
5. Is a weep located at the base of the protective casing?			☒	☒	☐				
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐				
WELL SECURITY:									
1. Does the well have a cap or lid?			☒	☒	☐				
2. Does the well have a waterproof steel/brass lock?			☒	☒	☐				
3. Are the hasps firmly welded to well cap and/or metal casing?			☒	☒	☐				
DOWNHOLE CONDITION:									
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:			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO</th> <th>YES</th> <th>N/A</th> </tr> </thead> </table>				NO	YES	N/A
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 plate with engraved well number attached to the outermost casing?			☒	☒	☐				
2. Is the well number legible?			☒	☒	☐				
3. Is the well identification number correct?			☒	☒	☐				
CONCRETE PAD:									
1. Is a concrete pad installed (active wells only)?			☒	☒	☐				
2. 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 Items			☐ Secondary Items						
Request numbers for maintenance performed on this well: _____									
COMMENTS									

Inspected By: [Signature]

Inspection Date: 9-26-01

Superintendent Review/Approval: [Signature]

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#61-157

WELL INFORMATION																								
Well Number: <u>GLW-917</u>	Screen Or Open Interval: <u>30 ft</u>																							
Site: <u>Y-12 EMUWMP</u>	Constructed Depth: <u>51.0</u>																							
PRIMARY INSPECTION ITEMS																								
WELL CASINGS: ☒ Steel <u>2" x 1/2"</u> ☒ Stainless Steel ☐ PVC	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO</th> <th>YES</th> <th>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? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?																								
WELL SECURITY: 1. Does the well have a cap or 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;"> <thead> <tr> <th>NO</th> <th>YES</th> <th>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> </tbody> </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 border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO</th> <th>YES</th> <th>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> </tbody> </table>	NO	YES	N/A	☒	☒	☐	☐	☒	☐	☒	☒	☐	ft %										
NO	YES	N/A																						
☒	☒	☐																						
☐	☒	☐																						
☒	☒	☐																						
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: _____	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO</th> <th>YES</th> <th>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 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;"> <thead> <tr> <th>NO</th> <th>YES</th> <th>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> </tbody> </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 border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO</th> <th>YES</th> <th>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> </tbody> </table>	NO	YES	N/A	☒	☒	☐	☒	☒	☐	☒	☒	☐											
NO	YES	N/A																						
☒	☒	☐																						
☒	☒	☐																						
☒	☒	☐																						
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?	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO</th> <th>YES</th> <th>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> </tbody> </table>	NO	YES	N/A	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐								
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☒	☒	☐																						
☒	☒	☐																						
WELL MAINTENANCE REQUEST:																								
Complete only if any of the above shaded yes/no boxes are checked: ☐ Primary Items ☐ Secondary Items																								
Request numbers for maintenance performed on this well: _____																								
COMMENTS																								

Inspected By: S. J. [Signature]

Inspection Date: 9-20-01

Superintendent Review/Approval: HMClaney

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-158

WELL INFORMATION			
Well Number: <u>GW-918</u>	Screen Or Open Interval: <u>10 ft</u>		
Site: <u>Y-12 E-MWMF</u>	Constructed Depth: <u>25.0</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel <u>AS 4-26-01</u> ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed?	☐	☒	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY: 1. Does the well have a cap or lid? 2. Does the well have a waterproof steel/brass lock? 3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION: 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.) block access to well? Explain: _____	☒	☐	☐
WELL IDENTIFICATION: 1. Is a stainless plate with engraved well number attached to the outermost casing? 2. Is the well number legible? 3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD: 1. Is a concrete pad installed (active wells only)? 2. 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 Items	☐ Secondary Items		
Request numbers for maintenance performed on this well: _____			
COMMENTS			

Inspected By: SM Seiser

Inspection Date: 9-26-01

Superintendent Review/Approval: HM Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01159

WELL INFORMATION						
Well Number: <u>GW-920</u>	Screen Or Open Interval: <u>30 ft</u>					
Site: <u>Y-12 EMUMF</u>	Constructed Depth: <u>34.0</u>					
PRIMARY INSPECTION ITEMS						
WELL CASINGS: ☒ Steel ☒ Stainless Steel ☐ PVC						
	NO	YES	N/A			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐			
2. Is the PVC well casing cracked or broken?	☒	☐	☐			
3. Is a protective surface casing installed?	☒	☐	☐			
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐			
5. Is a weep located at the base of the protective casing?	☒	☐	☐			
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐			
WELL SECURITY:						
1. Does the well have a cap or lid?	☐	☒	☐			
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐			
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐			
DOWNHOLE CONDITION:						
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.) block access to well?	☒	☐	☐			
Explain: _____						
WELL IDENTIFICATION:						
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐	☒	☐			
2. Is the well number legible?	☐	☒	☐			
3. Is the well identification number correct?	☐	☒	☐			
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?	☐	☒	☐			
2. 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 Items	☐ Secondary Items					
Request numbers for maintenance performed on this well: _____						
COMMENTS						

Inspected By: SMKear

Inspection Date: 9-26-01

Superintendent Review/Approval: HMC Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

401-140

WELL INFORMATION						
Well Number: <u>GW-921</u>	Screen Or Open Interval: <u>30 ft</u>					
Site: <u>Y-12 EMUWME</u>	Constructed Depth: <u>40.5</u>					
PRIMARY INSPECTION ITEMS						
WELL CASINGS: ☒ Steel ☒ Stainless Steel ☐ PVC	<table border="0" style="width: 100%;"> <tr> <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?	☒	☒	☐			
2. Is the PVC well casing cracked or broken?	☒	☒	☐			
3. Is a protective surface casing installed?	☒	☒	☐			
4. Is the protective surface casing corroded, bent, or broken?	☒	☒	☐			
5. Is a weep located at the base of the protective casing?	☒	☒	☐			
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☒	☐			
WELL SECURITY:						
1. Does the well have a cap or lid?	☒	☒	☐			
2. Does the well have a waterproof steel/brass lock?	☒	☒	☐			
3. Are the hasps firmly welded to well cap and/or metal casing?	☒	☒	☐			
DOWNHOLE CONDITION:						
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 plate with engraved well number attached to the outermost casing?	☒	☒	☐			
2. Is the well number legible?	☒	☒	☐			
3. Is the well identification number correct?	☒	☒	☐			
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?	☒	☒	☐			
2. 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 Items ☐ Secondary Items						
Request numbers for maintenance performed on this well: _____						
COMMENTS						

Inspected By: SMK

Inspection Date: 8-26-01

Superintendent Review/Approval: HMC

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

**01-1406*

WELL INFORMATION

Well Number: GW-922
Site: Y-12 EMLWMF

Screen Or Open Interval: 20 ft.
Constructed Depth: 46.0

PRIMARY INSPECTION ITEMS

WELL CASINGS:

☒ Steel *254 g-w-el* ☒ Stainless Steel ☐ PVC

NO YES N/A

1. Is the steel or stainless steel well casing corroded, bent, or broken?
2. Is the PVC well casing cracked or broken?
3. Is a protective surface casing installed?
4. Is the protective surface casing corroded, bent, or broken?
5. Is a weep located at the base of the protective casing?
6. Is the steel, stainless steel, or PVC well casing loose?

☒	☒	☐
☒	☒	☐
☒	☒	☐
☒	☒	☐
☒	☒	☐
☒	☒	☐

WELL SECURITY:

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

☒	☒	☐
☒	☒	☐
☒	☒	☐

DOWNHOLE CONDITION:

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?

☒	☒	☐
		ft
		%
☒	☒	☐
☒	☒	☐

SECONDARY INSPECTION ITEMS

WELL 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 plate with engraved well number attached to the outermost casing?
2. Is the well number legible?
3. Is the well identification number correct?

☒	☒	☐
☒	☒	☐
☒	☒	☐

CONCRETE PAD:

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

☐ Secondary Items

Request numbers for maintenance performed on this well: _____

COMMENTS

Inspected By: *[Signature]*

Inspection Date: 9-26-01

Superintendent Review/Approval: *[Signature]*

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-161

WELL INFORMATION			
Well Number: <u>GW-923</u>	Screen Or Open Interval: <u>30 ft</u>		
Site: <u>Y-12 EMWMF</u>	Constructed Depth: <u>38.4</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel <i>9.26.01</i> ☒ Stainless Steel ☐ PVC	NO YES N/A		
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed?	☒	☐	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
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.) block access to well?	☒	☐	☐
Explain: _____			
WELL IDENTIFICATION:			
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. 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 Items	☐ Secondary Items		
Request numbers for maintenance performed on this well: _____			
COMMENTS			
<i>NOTE: Guard Post are in the process of being installed</i>			

Inspected By: *[Signature]*

Inspection Date: 9-26-07

Superintendent Review/Approval: *[Signature]*

Date: 03/26/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-162

WELL INFORMATION			
Well Number: <u>GW-924</u>	Screen Or Open Interval: <u>20 ft</u>		
Site: <u>Y-12 EMWME</u>	Constructed Depth: <u>54.0</u>		
PRIMARY INSPECTION ITEMS			
WELL CASINGS: ☒ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☒	☐	☐
2. Is the PVC well casing cracked or broken?	☒	☐	☐
3. Is a protective surface casing installed?	☐	☒	☐
4. Is the protective surface casing corroded, bent, or broken?	☒	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☒	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☒	☐	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☐	☒	☐
2. Does the well have a waterproof steel/brass lock?	☐	☒	☐
3. Are the hasps firmly welded to well cap and/or metal casing?	☐	☒	☐
DOWNHOLE CONDITION:			
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.) block access to well?	☒	☐	☐
Explain: _____			
WELL IDENTIFICATION:			
1. Is a stainless plate with engraved well number attached to the outermost casing?	☐	☒	☐
2. Is the well number legible?	☐	☒	☐
3. Is the well identification number correct?	☐	☒	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☐	☒	☐
2. 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 Items	☐ Secondary Items		
Request numbers for maintenance performed on this well: _____			
COMMENTS			

Inspected By: [Signature]

Inspection Date: 9-26-01

Superintendent Review/Approval: [Signature]

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-163

WELL INFORMATION																						
Well Number: <u>GW-925</u>	Screen Or Open Interval: <u>50 ft</u>																					
Site: <u>Y-12 EMWMP</u>	Constructed Depth: <u>149.0</u>																					
PRIMARY INSPECTION ITEMS																						
WELL CASINGS: ☒ Steel <u>CS 9-26-01</u> ☒ 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	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐
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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? 4. Is the protective surface casing corroded, bent, or broken? 5. Is a weep located at the base of the protective casing? 6. Is the steel, stainless steel, or PVC well casing loose?																						
WELL SECURITY: 1. Does the well have a cap or 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;"> <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> </tbody> </table>	NO	YES	N/A	☐	☒	☐	☐	☒	☐	☐	☒	☐									
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SECONDARY INSPECTION ITEMS																						
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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;"> <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> </tbody> </table>	NO	YES	N/A	☐	☒	☐	☒	☐	☐	☒	☒	☐									
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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?	<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> </tbody> </table>	NO	YES	N/A	☒	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐						
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WELL MAINTENANCE REQUEST:																						
Complete only if any of the above shaded yes/no boxes are checked: <div style="display: flex; justify-content: space-around;"> ☐ Primary Items ☐ Secondary Items </div>																						
Request numbers for maintenance performed on this well: _____																						
COMMENTS																						

Inspected By: SM/Klan

Inspection Date: 9-26-01

Superintendent Review/Approval: H. McClancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-164

WELL INFORMATION						
Well Number:	<u>GW-926</u>		Screen Or Open Interval:	<u>3c + f</u>		
Site:	<u>Y-12 EMIWTF</u>		Constructed Depth:	<u>149.0</u>		
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?					☒	☒
4. Is the protective surface casing corroded, bent, or broken?					☒	☒
5. Is a weep located at the base of the protective casing?					☒	☒
6. Is the steel, stainless steel, or PVC well casing loose?					☒	☒
WELL SECURITY:						
1. Does the well have a cap or lid?					☒	☒
2. Does the well have a waterproof steel/brass lock?					☒	☒
3. Are the hasps firmly welded to well cap and/or metal casing?					☒	☒
DOWNHOLE CONDITION:						
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
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 plate with engraved well number attached to the outermost casing?					☒	☒
2. Is the well number legible?					☒	☒
3. Is the well identification number correct?					☒	☒
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?					☒	☒
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						

Inspected By: SM Kuer

Inspection Date: 9-26-01

Superintendent Review/Approval: HM Clancy

Date: 03/20/02

**Y-12 WATER QUALITY PROGRAM
ANNUAL COMPREHENSIVE RCRA POST-CLOSURE
WELL INSPECTION CHECKLIST**

#01-165

WELL INFORMATION						
Well Number:	<u>GW-927</u>		Screen Or Open Interval:	<u>30 ft</u>		
Site:	<u>Y-12 EMWMF</u>		Constructed Depth:	<u>73.5</u>		
PRIMARY INSPECTION ITEMS						
WELL CASINGS: ☒ Steel ☒ Stainless Steel ☐ PVC			NO	YES	N/A	
1. Is the steel or stainless steel well casing corroded, bent, or broken?			☒	☒	☐	
2. Is the PVC well casing cracked or broken?			☒	☒	☐	
3. Is a protective surface casing installed?			☒	☒	☐	
4. Is the protective surface casing corroded, bent, or broken?			☒	☒	☐	
5. Is a weep located at the base of the protective casing?			☒	☒	☐	
6. Is the steel, stainless steel, or PVC well casing loose?			☒	☒	☐	
WELL SECURITY:						
1. Does the well have a cap or lid?			☒	☒	☐	
2. Does the well have a waterproof steel/brass lock?			☒	☒	☐	
3. Are the hasps firmly welded to well cap and/or metal casing?			☒	☒	☐	
DOWNHOLE CONDITION:						
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:			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 plate with engraved well number attached to the outermost casing?			☒	☒	☐	
2. Is the well number legible?			☒	☒	☐	
3. Is the well identification number correct?			☒	☒	☐	
CONCRETE PAD:						
1. Is a concrete pad installed (active wells only)?			☒	☒	☐	
2. 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 Items			☐ Secondary Items			
Request numbers for maintenance performed on this well: _____						
COMMENTS						

Inspected By: SM Kelman

Inspection Date: 9-26-01

Superintendent Review/Approval: H M Clancy

Date: 03/20/02

APPENDIX C

COMPLETED WELL MAINTENANCE REQUESTS

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-002SWELL INSPECTION NO. NA

WELL NUMBER: Multiple	LOCATION: See Attachment
INSPECTION DATE: NA	INSPECTED BY: NA
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>The attached list of wells need to be weedeated around the well or surface</u>	
<u>water site. If needed, clear the access to the site.</u>	
MAINTENANCE PERFORMED BY: <u>Highland Drilling - Dewayne</u>	
DATE REQUEST SUBMITTED: <u>1/23/01</u>	DATE WORK COMPLETED: <u>7/25/01</u>
MAINTENANCE WORK PERFORMED: _____	
MAINTENANCE INSPECTED BY: <u>Brian Powell</u>	
DATE INSPECTED: <u>8/16/01</u>	
INSPECTION COMMENTS: _____	
<u>Work Completed</u>	

APPROVED BY:

Brian Powell
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

08/21/01

Attachment to Well Maintenance Request
01-002S

Wells to be weedeated

GW-653
GW-053
GW-627
GW-082
GW-315
GW-311
GW-829
GW-085
GW-537
GW-226
GW-364
GW-365
GW-098
GW-225
GW-124
GW-616
SCR1.5SW
SCR2.2SP
SCR2.2SW
SCR2.1SP
SCR3.4SP
SCR4.4SW
SCR5.4SP
SCR5.2SP
SCR5.1SP
GW-514
GW-241
GW-608
GW-175
GW-174
GW-180
GW-612

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
 REQUEST NUMBER: 01-001P

WELL NUMBER: SEE ATTACHMENT	LOCATIONs: MULTIPLE - SEE ATTACHMENT
INSPECTION DATE: CY-2000 Inspections	INSPECTED BY: GWPP
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>Replace the GWPP well lock (key #53764) with a NEW RCRA lock (key #24527),</u> for all RCRA wells listed in the attachment to this maintenance request. Each RCRA lock is stamped with a unique identifier (RCRA001 through RCRA060). Locks are being replace on all RCRA wells under Post-Closure care (in cooperation with Bechtel Jacobs L.L.C.), to establish a tighter control of access to the wells. Each key is also stamped with a unique ID number and is assigned to the individual who requires access.	

CLARK

MAINTENANCE PERFORMED BY: BWXT Y12, Environmental Compliance Dept. - M. Collier and R. Walker	
DATE REQUEST SUBMITTED: 03/05/2001 - <i>ERS</i>	DATE WORK COMPLETED: <i>03/15/01</i>
MAINTENANCE WORK TO BE PERFORMED: <u>Replace locks on the well listed and record the ID number of</u> <u>the lock. → completed 03/14/01, except for GW-24 and GW-25</u> <u>03/15/01 - remove 3 locks from wells that NABIR is currently using, and</u> <u>replaced w/ the old GWPP lock.</u>	

MAINTENANCE INSPECTED BY: <i>E.R. Schulte</i>	DATE INSPECTED: <i>03/15/01</i>
INSPECTION COMMENTS: <u>No inspection performed. RCRA locks will be</u> <u>replaced on indicated wells when NABIR releases them.</u>	

APPROVED BY:

E.R. Schulte
 PROJECT MANAGER GWPP OR DESIGNER

DATE:

03/15/01

LOC_ID	FUNCT_AREA_NAME	NORTHING_VAL	EASTING_VAL	LOCK NUMBER
GW-514	Ash Disposal Basin	27575	57341	RCRA 031
GW-069	Bear Creek Burial Grounds WMA	29489	43802	RCRA 044
GW-071	Bear Creek Burial Grounds WMA	29495	44191	RCRA 043
GW-046	Bear Creek Burial Grounds WMA	29562	43284	RCRA 045
GW-014	Bear Creek Burial Grounds WMA	29848	44308	RCRA 046
GW-289	Bear Creek Burial Grounds WMA	29982	42875	RCRA 053
GW-257	Bear Creek Burial Grounds WMA	30148	43230	RCRA 054
GW-082	Bear Creek Burial Grounds WMA	30434	42090	RCRA 052
GW-291	Bear Creek Burial Grounds WMA	30449	42583	RCRA 055
GW-301	Chestnut Ridge Borrow Area Waste Pile	27662	61964	RCRA 027
GW-831	Chestnut Ridge Security Pits	26654	56593	RCRA 032
GW-608	Chestnut Ridge Security Pits	27889	59724	RCRA 028
GW-609	Chestnut Ridge Security Pits	28109	60040	RCRA 008
GW-177	Chestnut Ridge Security Pits	28483	57497	RCRA 009
GW-175	Chestnut Ridge Security Pits	28677	58686	RCRA 010
GW-731	Chestnut Ridge Sediment Disposal Basin	27464	63863	RCRA 025
GW-156	Chestnut Ridge Sediment Disposal Basin	27626	64020	RCRA 024
GW-732	Chestnut Ridge Sediment Disposal Basin	27717	64268	RCRA 026
GW-159	Chestnut Ridge Sediment Disposal Basin	27764	63496	RCRA 036
GW-798	Construction/Demolition Landfill VII	27265	60310	RCRA 029
GW-605	Exit Pathway - Traverse I	28707	62002	RCRA 022
GW-606	Exit Pathway - Traverse I	28708	61951	RCRA 023
GW-733	Exit Pathway - Traverse J	28447	65067	RCRA 042-060 <i>replace broken 012 w/ #060 on 09/21/02</i>
GW-712	Exit Pathway - Traverse W	28233	36507	RCRA 001
GW-713	Exit Pathway - Traverse W	28236	36434	RCRA 002
GW-714	Exit Pathway - Traverse W	28422	36435	RCRA 003
GW-715	Exit Pathway - Traverse W	28425	36453	RCRA 004
GW-521	Industrial Landfill IV	28541	52040	RCRA 012
GW-557	Industrial Landfill V	26450	59520	RCRA 034
GW-799	Industrial Landfill V	26746	59961	RCRA 035
GW-801	Industrial Landfill V	26808	58780	RCRA 033
GW-796	Industrial Landfill V	27924	58206	RCRA 030
GW-144	Kerr Hollow Quarry	24255	63502	RCRA 040
GW-143	Kerr Hollow Quarry	24257	63522	RCRA 039
GW-145	Kerr Hollow Quarry	24441	63266	RCRA 038
GW-142	Kerr Hollow Quarry	24524	64030	RCRA 041
GW-231	Kerr Hollow Quarry	24725	63410	RCRA 037
GW-010	Oil Landfarm WMA	29764	47214	RCRA 047

LOC_ID	FUNCT_AREA_NAME	NORTHING_VAL	EASTING_VAL	LOCK NUMBER
GW-008	Oil Landfarm WMA	29783	47596	RCRA 049
GW-075	Oil Landfarm WMA	29795	47988	RCRA 050
GW-012	Oil Landfarm WMA	29869	47188	RCRA 048
GW-005	Oil Landfarm WMA	29923	48241	RCRA 051
GW-253	S-2 Site	29404	54057	RCRA 007
* GW-127	S-3 Site	29850	51828	RCRA 016 ✓
* GW-276	S-3 Site	29926	52557	RCRA 006 ✓
* GW-245	S-3 Site	29977	51992	RCRA 013 ✓
* GW-246	S-3 Site	29992	52098	RCRA 018 ✓
* GW-247	S-3 Site	30005	52181	RCRA 019 ✓
GW-615	S-3 Site	30009	52224	RCRA 017
GW-109	S-3 Site	30056	53207	RCRA 020
* GW-244	S-3 Site	30060	51974	RCRA 014 ✓
GW-108	S-3 Site	30070	53207	RCRA 021
* GW-243	S-3 Site	30155	51990	RCRA 059 ✓
* GW-101	S-3 Site	30241	51844	RCRA 015 ✓
GW-115	S-3 Site	31073	52685	RCRA 005
GW-193	Y-12 Plant Site	29344	59536	RCRA 011
GW-275	Y-12 Salvage Yard	30151	53688	RCRA 006 058
GW-274	Y-12 Salvage Yard	30152	53673	RCRA 057

GW0363

RCRA 056

* RCRA lock removed temporarily for NABIR researchers to access.

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-003PWELL INSPECTION NO. NA

WELL NUMBER: Multiple	LOCATION: See Attachment
INSPECTION DATE: NA	INSPECTED BY: NA
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>Replace GWPP well locks (series 5530, key# 53764) with new Y-series (Y0001 through Y0200) locks (series 5530, key #24527) for all currently active wells. See attached</u>	
<u>list of well numbers and their associated monitoring program.</u>	
MAINTENANCE PERFORMED BY: <u>Marie Collier and Ronnie Clark (Y-12 ECD)</u>	
DATE REQUEST SUBMITTED: <u>7/24/01</u>	DATE WORK COMPLETED: <u>8/01</u>
MAINTENANCE WORK PERFORMED: <u>Locks replaced, unless otherwise noted</u>	
MAINTENANCE INSPECTED BY: <u>MAC/RMC</u>	
DATE INSPECTED: <u>8/01</u>	
INSPECTION COMMENTS: <u>Lock replacement was for MDM wells was not done.</u>	
<u>Lock given to MDM.</u>	

APPROVED BY:

[Signature]
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

02/02/02

Attachment to WMR 01-003P

LOCATION	PROGRAM	Lock #	LOCATION	PROGRAM	Lock #	LOCATION	PROGRAM	Lock #
1090	YWQP	Y0026	GW-339	GWPP/YWQ	Y0028	GW-769	GWPP	Y0019
55-2C	GWPP	Y0085	GW-364	GWPP	Y0051	GW-770	GWPP	Y0020
56-2C	GWPP	Y0118	GW-365	GWPP	Y0053	GW-771	GWPP	Y0047
GW-053	GWPP	Y0071	GW-380	GWPP	Y0016	GW-772	GWPP	Y0048
GW-056	GWPP	Y0100	GW-381	GWPP	Y0017	GW-782	GWPP	Y0034
GW-077	YWQP	Y0102	GW-382	YWQP	Y0018	GW-783	GWPP	Y0036
GW-078	YWQP	Y0116	GW-383	GWPP	Y0006	GW-784	GWPP	Y0081
GW-079	GWPP	Y0074	GW-522	WRRP	Y0120	GW-785	GWPP	Y0119
GW-080	GWPP/YWQP	Y0080	GW-526	YWQP	Y0086	GW-789	GWPP	Y0045
GW-085	GWPP	Y0055	GW-537	GWPP	Y0042	GW-791	GWPP	NA
GW-098	GWPP	Y0054	GW-539	WRRP	Y0110	GW-797	BJCWO	Y0113
GW-124	GWPP	Y0046	GW-540	WRRP	Y0077	GW-816	GWPP	Y0112
GW-141	WRRP	Y0078	GW-542	WRRP	Y0076	GW-820	GWPP	Y0024
GW-151	YWQP	Y0002	GW-543	WRRP	Y0088	GW-827	WRRP	Y0094
GW-153	GWPP	Y0001	GW-544	WRRP	Y0065	GW-829	GWPP	Y0038
GW-154	YWQP	Y0013	GW-564	WRRP	Y0090	GW-832	YWQP	Y0022
GW-169	YWQP	Y0089	GW-612	GWPP	Y0032	GW-835	YWQP	Y0039
GW-170	YWQP	Y0105	GW-616	GWPP	Y0041	GW-841	YWQP	Y0068
GW-171	YWQP	Y0063	GW-618	YWQP	Y0115	GW-842	YWQP	Y0061
GW-172	YWQP	Y0072	GW-620	GWPP	Y0037	GW-843	YWQP	Y0069
GW-174	GWPP	Y0033	GW-621	GWPP	Y0050	GW-844	YWQP	Y0111
GW-180	GWPP	Y0035	GW-627	GWPP	Y0104	GW-916	EMWMF	Duratek lo
GW-192	GWPP	Y0079	GW-633	GWPP	Y0099	GW-917	EMWMF	Duratek lo
GW-203	GWPP/YWQP	Y0031	GW-639	EMWMF	Duratek lock	GW-918	EMWMF	Duratek lo
GW-204	GWPP	Y0095	GW-653	GWPP	Y0073	GW-920	EMWMF	Duratek lo
GW-205	YWQP	Y0027	GW-656	GWPP	NA	GW-921	EMWMF	Duratek lo
GW-207	GWPP	NA	GW-683	GWPP	Y0114	GW-922	EMWMF	Duratek lo
GW-208	GWPP	Y0070	GW-684	GWPP	Y0062	GW-923	EMWMF	Duratek lo
GW-217	WRRP	Y0044	GW-685	GWPP	Y0103	GW-924	EMWMF	Duratek lo
GW-218	GWPP	Y0021	GW-690	GWPP	Y0098	GW-925	EMWMF	Duratek lo
GW-219	GWPP	Y0023	GW-695	GWPP	Y0096	GW-926	EMWMF	Duratek lo
GW-220	GWPP	Y0003	GW-698	GWPP	NA	GW-927	YWQP	Duratek lo
GW-221	YWQP	Y0030	GW-700	GWPP	Y0084			
GW-222	GWPP	Y0004	GW-703	GWPP	Y0097			
GW-223	GWPP/YWQP	Y0005	GW-704	GWPP/YWQ	Y0108			
GW-225	GWPP	Y0049	GW-706	GWPP/YWQ	Y0052			
GW-226	GWPP	Y0059	GW-709	WRRP	Y0064			
GW-230	YWQP	Y0109	GW-722	GWPP/YWQ	Y0009			
GW-232	YWQP	Y0101	GW-724	GWPP	Y0057			
GW-240	GWPP	Y0012	GW-725	GWPP	Y0058			
GW-241	GWPP	Y0087	GW-735	GWPP	Y0010			
GW-251	GWPP	Y0025	GW-738	GWPP	Y0056			
GW-287	GWPP	Y0066	GW-740	GWPP	Y0060			
GW-302	GWPP/YWQP	Y0029	GW-744	GWPP	Y0008			
GW-305	GWPP	Y0082	GW-747	GWPP	Y0007			
GW-311	GWPP	Y0040	GW-750	GWPP	Y0011			
GW-315	GWPP	Y0043	GW-757	WRRP	Y0083			
GW-337	GWPP	Y0117	GW-762	YWQP	Y0014			
			GW-763	GWPP	Y0015			

GW-207 - no place to put lock
GW-656 - no place to put lock
GW-698 - no place to put lock
GW-791 - sampling equipment in well
DuraTek Lock - DuraTek Inc controls landfill wells and placed their own lock

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-004SWELL INSPECTION NO. NA

WELL NUMBER:	<u>See Comments</u>	LOCATION:	<u>Y-12 Area</u>
INSPECTION DATE:	<u>multi</u>	INSPECTED BY	<u>multi</u>
Maintenance To Be Performed:			
<div style="display: flex; justify-content: space-between;"> <div> ☐ Build/Repair Concrete Pad ☐ Install/Repair Protective Posts ☐ Repair/Replace Hasp ☐ Replace Lock ☐ Well Rehabilitation </div> <div> ☐ Replace Cap ☐ Extend or Repair Casing ☒ Well Identification ☐ Well Access ☐ Other </div> </div>			
COMMENTS/EXPLANATION:		<u>Wells listed below need new metal well ID tags attached:</u>	
<u>GW-226</u>	<u>GW-698</u>	<u>GW-820</u>	
<u>GW-522</u>	<u>GW-735</u>	<u>GW-832</u>	
<u>GW-564</u>	<u>GW-738</u>		
<u>GW-633</u>	<u>GW-789</u>		
MAINTENANCE PERFORMED BY: <u>Brian Puett and Marie Collier</u>			
DATE REQUEST SUBMITTED: <u>8/9/01</u>		DATE WORK COMPLETED: <u>8/21/01</u>	
MAINTENANCE WORK PERFORMED:			
MAINTENANCE INSPECTED BY: <u>Brian D. Puett</u> DATE INSPECTED: <u>8/21/01</u>			
INSPECTION COMMENTS:			
<u>WELL TAGS ARE IN PLACE</u>			

APPROVED BY:

Beth Schultz
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

08/21/01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-005SWELL INSPECTION NO. NA

WELL NUMBER: <u>see attachment</u>	LOCATION: <u>Y-12 wells</u>
INSPECTION DATE: <u>multi</u>	INSPECTED BY <u>multi</u>
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>Attach metal well ID tags to wells on attachment:</u>	
MAINTENANCE PERFORMED BY: <u>Puett / Collier ERS</u>	DATE REQUEST SUBMITTED: <u>8/13/01</u> DATE WORK COMPLETED: <u>03/20/02</u>
MAINTENANCE WORK PERFORMED:	
<u>ID tags were stamped with a manual machine. They were attached to the well casing with steel wire and steel hose clamps</u>	
MAINTENANCE INSPECTED BY: <u>B.D. Puett ERS</u>	DATE INSPECTED: <u>03/20/02</u>
<u>Brian D. Puett</u>	
INSPECTION COMMENTS:	
<u>TAGS NOT INDICATED IN THE OLD SALVAGE YARD, DUE TO LACK OF ACCESS. SEE ATTACHMENT FOR WELL NUMBERS.</u>	

APPROVED BY:

Elizabeth R. Schultz
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

04/12/02

Wells needing ID tags

<u>Well #</u>	<u>Well #</u>	<u>Well #</u>	<u>Well #</u>	<u>Well #</u>
BC-21	GW-404	GW-482A	GW-552	GW-802
DC well	GW-414	GW-482B	GW-555	GW-804
LL/HAZ-01	GW-427	GW-482C	GW-563	GW-818
LL/HAZ-02	GW-428	GW-483	GW-567	GW-819
LL/HAZ-05	GW-432	GW-484	GW-569	GW-821
LL/HAZ-07	GW-437	GW-485	GW-576	GW-822
LL/HAZ-08	GW-438	GW-486	GW-628	GW-823
LL/HAZ-09	GW-439	GW-487	GW-638	GW-825
LL/HAZ-10	GW-440	GW-488	GW-674	GW-826
LL/HAZ-13	GW-455	GW-489	GW-692	GW-830
53-1A	GW-456	GW-490	GW-693	GW-833
56-1C	GW-457	GW-491	GW-697	GW-834
56-4A	GW-458	GW-492	GW-734	GW-836
59-1A	GW-459	GW-493	GW-742	GW-839
60-1B	GW-460	GW-494	GW-758	GW-845
60-2A	GW-461 ✓	GW-495	GW-759	GW-854
GW-011	GW-462	GW-496	GW-788	GW-855
GW-059	GW-463	GW-497		GW-865
GW-118	GW-464	GW-498		GW-866
GW-119	GW-465	GW-499A		GW-867
GW-132	GW-466	GW-499AA		GW-873
CH-143	GW-471	GW-499AB		GW-874
CH-157	GW-473	GW-499B		GW-875
CH-189	GW-474	GW-499D		GW-876
GW-195	GW-475A	GW-499E		GW-880
GW-196	GW-475B	GW-499G		GW-883
GW-197	GW-475C	GW-499H		GW-902
GW-265	GW-476A	GW-499I		GW-906
GW-268	GW-476B	GW-499J		GW-907
GW-269	GW-476C	GW-499K		GW-908
GW-270	GW-477A	GW-499L		GW-909
GW-271	GW-477B	GW-499M		GW-911
GW-272	GW-477C	GW-499N		GW-912
GW-273	GW-478A	GW-499O		GW-913
GW-281	GW-478B	GW-499P		GW-914
GW-283	GW-479	GW-499Q		GW-915
GW-284	GW-480A	GW-499S		
GW-349	GW-480B	GW-499T		
GW-350	GW-480C	GW-499U		
	GW-481A	GW-499V		
	GW-481B	GW-499X		
	GW-481C	GW-499Y		
		GW-499Z		

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No
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274/275

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-006P

WELL INSPECTION NO. Muliple - See Attachment

WELL NUMBER: Multiple - See Attachment	LOCATION: Multiple
INSPECTION DATE: Several	INSPECTED BY: Several
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>Drill a weephole at the base of the outer casing for each of the attached wells</u>	
MAINTENANCE PERFORMED BY: <u>Highland Drilling - Curt Burkett</u>	
DATE REQUEST SUBMITTED: <u>2/11/02</u>	DATE WORK COMPLETED: <u>02/22/02</u>
MAINTENANCE WORK PERFORMED: <u>work performed as request, unless noted on the attached sheet. weephole were not require on some noted wells.</u>	
MAINTENANCE INSPECTED BY: <u>Beth Schultz</u>	DATE INSPECTED: <u>03/21/02</u> <u>03/22/02</u>
INSPECTION COMMENTS: _____	

APPROVED BY:

Beth Schultz
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

03/25/02

Attachment to WMR 01-006P

Wells which require a weephole

00-059	GW-015	
00-035	GW-016	
00-033	GW-017	
00-302	GW-074	
00-600	GW-148	
00-601	GW-149	
00-597	GW-152	
00-670	GW-158	weephole not drilled, not needed
00-697	GW-185	weephole not drilled, not needed
00-698	GW-186	
00-638	GW-198	
00-627	GW-200	
00-599	GW-240	
00-471	GW-252	
00-472	GW-255	
00-297	GW-261	
00-473	GW-262	
00-474	GW-263	
00-036	GW-623	0.25 inch hole in 7" casing, need a larger hole in the 10" casing
00-053	GW-625	
00-030	GW-628	weephole not drilled, not needed
00-709	GW-677	
00-424	GW-812	
00-640	GW-842	
00-641	GW-843	
00-642	GW-844	

ERS - 03/22/02

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-008P

WELL INSPECTION NO. 00-489

WELL NUMBER:	GW-633	LOCATION:	S-3 ponds - Rust Garage
INSPECTION DATE:	12/12/00	INSPECTED BY	SMF
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: Needs new well box and PVC casing is cracked - cap does not seal and no lid on flush mount.			
MAINTENANCE PERFORMED BY: Highland Drilling CURTIS BURKETT			
DATE REQUEST SUBMITTED: 8/22/01		DATE WORK COMPLETED: 9/27/01	
MAINTENANCE WORK PERFORMED: Installed 3 foot manhole with Bolts Manhole Installed 1' to 2" Above Road Surface New Waterlight Blue Cap Installed.			
MAINTENANCE INSPECTED BY: Brian D. Pruitt		DATE INSPECTED: 9/27/01	
INSPECTION COMMENTS: Work Completed as Requested			
APPROVED BY: B.H. Schick			
		DATE: 10/11/01	

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-009S

WELL INSPECTION NO. 100-046

WELL NUMBER:	GW-053	LOCATION:	BCBG
INSPECTION DATE:	6/23/00	INSPECTED BY	SBJ
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>Build a concrete pad around base of well.</u>			
MAINTENANCE PERFORMED BY: Highland Drilling - Curt Burdett			
DATE REQUEST SUBMITTED: 8/22/01		DATE WORK COMPLETED: 9/25/01	
MAINTENANCE WORK PERFORMED: _____			
MAINTENANCE INSPECTED BY: Brian D. Punt DATE INSPECTED: 9/25/01			
INSPECTION COMMENTS: Work Completed Satisfactory			

APPROVED BY:

Beth Schuth
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

10/11/01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-010PWELL INSPECTION NO. 00-645, 00-568

WELL NUMBER: GW-380, GW-381, GW-382	LOCATION: NHP
INSPECTION DATE: 11/10/00	INSPECTED BY: RMC/MAC
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: Replace traffic cover with one that can be secured to the christy box and has a rubber seal.	
MAINTENANCE PERFORMED BY: Highland Drilling - Curt Burkett	
DATE REQUEST SUBMITTED: 2/11/02	DATE WORK COMPLETED: NA
MAINTENANCE WORK PERFORMED: Met w/ Beth Schultze on 04/15/02 to look at other options beside replacing the traffic cover and christy box. Decided to weld broken pieces of the current traffic cover to underside of lid to hold the cover in place. Cover will lock in place and the bolt will need to be removed in order to access the well. Will replace ^{screws} bolts w/ SS bolts and screws and ^{will} replace the screws in well cap on GW-380. Will need to weld nut new nuts to the christy box. Burn permit needed.	
MAINTENANCE INSPECTED BY: Beth Schultze	DATE INSPECTED: 04/25/02
INSPECTION COMMENTS: Maintenance put on hold till a burn permit could be obtained to weld nuts to the christy box	

APPROVED BY:

Beth Schultze
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

04/25/02

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-011P

WELL INSPECTION NO. Muliple - See Attachment

WELL NUMBER: Multiple - See Attachment		LOCATION: Multiple	
INSPECTION DATE:		INSPECTED BY: RMC/MAC	
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>Install a water-tight cap (Blue Cap) on the attached list of wells. Assure cap has a hasp and is lockable.</u>			
MAINTENANCE PERFORMED BY: B. D. Puett			
DATE REQUEST SUBMITTED: <u>2/11/02</u>		DATE WORK COMPLETED: <u>03/20/02</u>	
MAINTENANCE WORK PERFORMED: <u>work caps installed as requested, except where noted</u>			
MAINTENANCE INSPECTED BY: <u>Beth Schultz</u>		DATE INSPECTED: <u>03/10/02</u>	
INSPECTION COMMENTS: <u>33-1A - did not install a water-tight cap</u>			

APPROVED BY:

Beth Salwitz
PROJECT MANAGER GWPP OR DESIGNEE

DATE: _____

04/11/02

Wells that require a water-tight cap

53-1A
56-1A
59-1A
59-1B
59-1C
60-1A
60-1B
60-2A

- requires an RWP territory
- well need a hump, not a water-tight cap. Can't lock well, but
well is in a locked area. - BOP installed locking cap on 04/30/02

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-012PWELL INSPECTION NO. 00-621 and 00-011

WELL NUMBER: GW-763 and GW-091	LOCATION: GRID J-Primary and BCBG
INSPECTION DATE:	INSPECTED BY: RMC/MAC
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: Redevelop GW-763 and GW-091 to clean out and remove excess sediment (7ft. in GW-091) and to create movement of water through the well screen. Remove a minimum of three to five well volumes. Use a highspeed centrifugal pump or a bailer to remove sediments. Assure field readings of pH, temperature, and conductivity are stabilized once the redevelopment is complete.	
MAINTENANCE PERFORMED BY: Highland Drilling - Curt Burkett	
DATE REQUEST SUBMITTED: 2/11/02	DATE WORK COMPLETED: 02/01 & 04/15/2002
MAINTENANCE WORK PERFORMED: Curt bailed 3-10 well volumes from GW-091 on 02/28/02. Marty Briley collect measurement of pH, conductivity, & temp, in addition monitoring for the presence of volatile organics and rad's. Log depth never exceeded 19.6ft. The constructed depth of 27.82 is believed to be an error. On 04/15/2002, Curt bailed five volumes from GW-763. Marty Briley & Adam Hild collect field measts. started above. to	
MAINTENANCE INSPECTED BY: S.B. Jones / E.R. Schulte	DATE INSPECTED: 02/28/02 03/01 and 04/15/02 ERS
INSPECTION COMMENTS:	
Water on GW-763 was very, very turbid and brown. Water started clearing up on the last volume. See attached well re-development forms.	

APPROVED BY:

Keith Salinity
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

05/13/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL NO. Gw-763

WELL REHABILITATION ACTIVITY/PROGRESS REPORT

PAGE 1 OF

LOCATION: NorthEast of 9720-6

DATE: START: 4/15/02

SMEAL OPERATOR: _____

FINISH: 4/15/02

HELPER: W. M. Briley / A. F. Hild BwXT-4-12

METHOD: _____

DRILL: _____

LOGGED BY: W. M. Briley BwXT-4-12

DATE	TIME		ACTIVITY/COMMENTS
	START	FINISH	
4/15/02	0800	0804	Meet Steve Jones at 910B. Calibrated HNU Y276557
			with Steve Jones HNU reading in Geo lab 1.4
	0858	0900	Arrived at well. HNU ready 0.0 ppm
	0900	0920	DTW - 9.76 ft. calculated 7.07 gal. per volume
			Cont arrived at well
	0945	0956	Initial Readings: pH - 6.44, Temp 17.9°C, Conductivity - 782 ^{unho/cm} , HNU - 0.0 ppm, Not turbid. Rad Screen
			0.0 cpm Beta.
	0956	1003	2nd Volume. Readings: pH - 6.78, Temp - 18.0°C, Conductivity - 946 unho/cm, HNU 0.0 ppm, Very turbid, Rad screen 0.0
			cpm alpha + Beta.
	1003	1015	Beth Schutte departed to get isco pump to decant water.
	1015	1020	Started 3rd Volume. Readings: pH - 6.81, Temp. 18.6°C,
			Conductivity - 931 unho/cm, HNU 0.0 ppm, Very turbid, Rad
			screen - 0.0 cpm alpha + Beta.
	1020	1026	Started 4th Volume. Readings: pH - 6.89, Temp - 18.7°C, Conductivity -
			913 unho/cm, HNU - 0.0 ppm, Very very turbid, Rad screen -
			0.0 cpm alpha + Beta.
	1026	1035	Stopped to purge steel drum water into poly drum.
	1035	1040	Started 5th Volume. Readings: pH - 6.88, Temp - 18.7°C, Conductivity -
			903 unho/cm, HNU - 0.0 ppm, Very turbid, Rad Screen -
			0.0 cpm alpha + Beta.

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL NO. QW-763

WELL REHABILITATION ACTIVITY/PROGRESS REPORT

PAGE 2 OF

LOCATION: North East of 9720-6

DATE: START: 4/15/02

SMEAL OPERATOR: _____

FINISH: 4/15/02

HELPER: W. M. Briley BWXT Y-12 / A.F. Hild

METHOD: _____

DRILL: _____

LOGGED BY: W.M. Briley BWXT Y-12

[illegible]

Y-12 PLANT GWPP DEVELOPMENT WATER FIELD SCREENING/DISPOSAL SHEET

WELL NO. GW-763 SITE: North East of 9720-6APPROX. VOLUME OF DEVELOPMENT WATER: 43

CALIBRATION OF INSTRUMENTS: Check those calibrated to manufacturer's specifications.

pH meter	<u>X</u>	(model) <u>Omega PHH-315</u>
Sp. Cond. meter	<u>X</u>	(model) <u>Jenway 4150</u>
Organic vapor meter	<u>X</u>	(model) <u>HNU Y270557</u>
Beta/Gamma meter	<u>X</u>	(model) <u>Ludlum Model 3 Survey Meter</u>
Alpha meter	<u>X</u>	(model) <u>Ludlum Model 12 Count rate meter</u>

FIELD SCREENING RESULTS:

Date	Time	pH	Sp. Cond.	Organic Vapors	Beta/Gamma	Alpha
<u>4/15/02</u>	<u>0945</u>	<u>6.44</u>	<u>982</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
<u>4/15/02</u>	<u>0956</u>	<u>6.78</u>	<u>946</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
<u>4/15/02</u>	<u>1015</u>	<u>6.81</u>	<u>931</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
<u>4/15/02</u>	<u>1020</u>	<u>6.89</u>	<u>913</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
<u>4/15/02</u>	<u>1035</u>	<u>6.88</u>	<u>903</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
<u>4/15/02</u>	<u>1040</u>	<u>7.00</u>	<u>901</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
_____	_____	_____	_____	_____	_____	_____
		(4.0-10.5)	(<1000 umhos/cm)	(<5ppm)	(<100 cpm)	(<500 cpm)

NA - Not Analyzed

Weather: Sunny Temp.: ~ 60 °FDISPOSITION: Drill - site Disposal X Containerization (Labeled?) y/n _____

Describe:

On - site Geologist (print): _____

Signature: Will M. Rife Date: 6/19/02

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM	WELL NO. <u>Gw-763</u>
MONITORING WELL RE-DEVELOPMENT SUMMARY	
METHOD OF DEVELOPMENT: <u>Bailer</u>	
DEVELOPMENT OBSERVED BY: <u>W.M. Brily / A.F. Hild</u>	
DEVELOPMENT DATE: <u>4/15/02</u>	
FINISH: <u>4/15/02</u>	
ONE WELL VOLUME: <u>7.07</u> GALLONS	
TOTAL GALLONS PUMPED: <u>43</u> TOTAL WELL VOLUMES PUMPED: <u>6</u>	
INITIAL pH: <u>6.44</u> FINAL pH: <u>7.00</u>	
INITIAL SPECIFIC CONDUCTANCE: <u>982</u> FINAL: <u>901</u>	
DESCRIPTION OF INITIAL TURBIDITY: <u>Not turbid</u>	
DESCRIPTION OF FINAL TURBIDITY: <u>Very turbid</u>	
FINAL MEASURED TURBIDITY: <u>Not analyzed</u>	
WELL APPROVED BY: <u>Both Schultz 05/13/02</u>	
ODOR OF WATER: <u>No odor noted</u>	
WATER DISCHARGED TO: <div style="display: flex; justify-content: space-between;"> <div> ☐ GROUND SURFACE ☐ STORM SEWERS ☒ DRUMS </div> <div> ☐ TANK TRUCK ☐ STORAGE TANKS ☐ OTHER _____ </div> </div>	
INITIAL PRE-DEVELOPMENT WATER DEPTH: <u>9.76 ft. DTW 4/15/02</u>	
DEVELOPMENT OBSERVATIONS: <u>well recharged easily, water became more turbid as redevelopment progressed.</u>	
OBSERVER SIGNATURE: _____	
DATE: _____	

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL NO. GU-091

WELL REHABILITATION ACTIVITY/PROGRESS REPORT

PAGE 1 OF

LOCATION: North of the Walk-in - Pits - Bear Creek

DATE: START: 2/25/02

SMEAL OPERATOR: _____

FINISH: 2/25/02

HELPER: W.M. Briley BWXT Y-12

METHOD: _____

DRILL: _____

LOGGED BY: W.M. Briley - BWXT Y-12

DATE	TIME		ACTIVITY/COMMENTS
	START	FINISH	
2/25/02	0800	0810	Meet Steve Jones at 9108. Bldg.
	0810	0830	Steve Jones calibrated HNU Y270557
	0855	0930	Arrived at GU-091. Curt Burchett (Highland Drilling) already on site opening 30 gallon drum.
	0930	0933	Steve Jones and Beth Schultz arrive on site. Took HNU measurement 0.00 ppm.
	0933	0934	Pulled bailer. Depth to water = 9.87 ft.
			Total depth - 19.61 ft. Calculated 1 well volume at 2.93 gallons
	0934	0938	Pulled the ^{initial} sample. pH = 5.6, Conductance 253 uho/cm, Temp = 14°C, HNU / voc's = 0.00 ppm.
	0938	0947	Rad screening on water. Alpha = 0.00 cpm, Beta = 70 cpm. Background = 60 cpm.
	0947	0954	Rad screening on the mud on paper towel = Alpha = 0.00 cpm, Beta = 90.0 cpm.
	0954	1003	Started bailing. Initially chunks of mud. After approximately 6 bailers we started to feel a clean bottom and get approx. 250 lbs of water in bailer. At bailer full #9 we got a full bailer of water. achieved first volume. approx 3 gallons.
	1005	1029	Took 1st sample. water is very turbid. Readings: DTW 11.80 ft. pH - 5.91, Conductivity - 354 uho/cm, HNU - 0.0 ppm, Temp. 15.0°C. Beth noted a rate of recovery of 1.1 ft. in 5 minutes. Rad screen - Alpha - 0.0 cpm, Beta - 70 cpm.
	1029	1037	Took sample for 2nd well volume. water is very turbid. Readings: DTW - 12.90 ft. pH - 6.22, Conductivity 345 uho/cm,

WELL NO. *Gr-091*

PAGE 2 OF

DATE: START: 2/25/02

FINISH: 2/25/02

METHOD: _____

LOGGED BY: W.M. Briley - BWXT-4-12

[illegible]

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL NO. GW-091

MONITORING WELL RE-DEVELOPMENT PROGRESS

LOCATION: North of the Walk-in-Pits Bear CreekONE WELL VOLUME - 2.93 GALLONSCOMPLETION DATE: 2/25/02

DATE	GALLONS PUMPED	DESCRIPTION OF TURBIDITY	pH	DISSOLVED SOLIDS (μ mhos)	TOTAL GALLONS PUMPED	WELL VOLUMES GALLONS PUMPED	COMMENTS
2/25/02	0	Very turbid	5.60	253	0	0	
2/25/02	2.93	Very turbid	5.91	354	2.93	1	
2/25/02	2.93	Very turbid	6.22	345	5.86	2	
2/25/02	2.93	Very turbid	6.55	422	8.79	3	
2/25/02	2.93	Very turbid	6.64	467	11.72	4	
2/25/02	2.93	Very turbid	6.70	504	14.65	5	
2/25/02	2.93	Very turbid	6.69	437	17.58	6	
RESULTS AT END OF DEVELOPMENT		Very Turbid	6.69	437	17.58	6	

COMMENTS

After removing 6 well volumes and approximately 6 bailers of sludge/mud water, sediment would still settle out in collection jar. Initial PTW was 9.87 ft. Final DTW was 9.92 ft.

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM

WELL NO. GW-091

MONITORING WELL RE-DEVELOPMENT SUMMARY

METHOD OF DEVELOPMENT: Bailer

DEVELOPMENT DATE:

DEVELOPMENT OBSERVED BY: W.M. BrileySTART: 2/25/02FINISH: 2/25/02ONE WELL VOLUME: 2.93 GALLONSTOTAL GALLONS PUMPED: 33.0 TOTAL WELL VOLUMES PUMPED: 12INITIAL pH: 5.60 FINAL pH: 6.69INITIAL SPECIFIC CONDUCTANCE: 253 umho/cm FINAL: 437 umho/cmDESCRIPTION OF INITIAL TURBIDITY: Very turbidDESCRIPTION OF FINAL TURBIDITY: Very turbidFINAL MEASURED TURBIDITY: Not analyzedWELL APPROVED BY: Beth Schmitt 05/13/02ODOR OF WATER: No odor noted

WATER DISCHARGED TO: ☐ GROUND SURFACE ☐ TANK TRUCK
☐ STORM SEWERS ☐ STORAGE TANKS
☒ DRUMS ☐ OTHER _____

INITIAL PRE-DEVELOPMENT

WATER DEPTH: 9.87 ft. DTW on 2-25-02

DEVELOPMENT OBSERVATIONS: After clearing ^{initial} initial mud, well easily recharged. Unable to clear water.

OBSERVER SIGNATURE: W.M. BrileyDATE: 2/25/02

Y-12 PLANT GWPP DEVELOPMENT WATER FIELD SCREENING/DISPOSAL SHEET

WELL NO. GW-091 SITE: North of the walk-in - Pits - Bear Creek

APPROX. VOLUME OF DEVELOPMENT WATER: 33

CALIBRATION OF INSTRUMENTS: Check those calibrated to manufacturer's specifications.

pH meter	<u>X</u>	(model) <u>omega PHH-315</u>
Sp. Cond. meter	<u>X</u>	(model) <u>Jenway 4150</u>
Organic vapor meter	<u>X</u>	(model) <u>HNU 4270557</u>
Beta/Gamma meter	<u>X</u>	(model) <u>Ludlum Model 3 Survey Meter</u>
Alpha meter	<u>X</u>	(model) <u>Ludlum Model 12 Count meter</u>

FIELD SCREENING RESULTS:

Date	Time	pH	Sp. Cond.	Organic Vapors	Beta/Gamma	Alpha
<u>2/25/02</u>	<u>0934</u>	<u>5.60</u>	<u>253</u>	<u>0.0</u>	<u>70</u>	<u>0.0</u>
<u>2/25/02</u>	<u>1005</u>	<u>5.91</u>	<u>354</u>	<u>0.0</u>	<u>70</u>	<u>0.0</u>
<u>2/25/02</u>	<u>1029</u>	<u>6.22</u>	<u>345</u>	<u>0.0</u>	<u>50</u>	<u>0.0</u>
<u>2/25/02</u>	<u>1047</u>	<u>6.55</u>	<u>422</u>	<u>0.0</u>	<u>50</u>	<u>0.0</u>
<u>2/25/02</u>	<u>1220</u>	<u>6.64</u>	<u>467</u>	<u>0.0</u>	<u>80</u>	<u>0.0</u>
<u>2/25/02</u>	<u>1238</u>	<u>6.70</u>	<u>504</u>	<u>0.0</u>	<u>90</u>	<u>0.0</u>
<u>2/25/02</u>	<u>1315</u>	<u>6.69</u>	<u>437</u>	<u>0.0</u>	<u>50</u>	<u>0.0</u>
		(4.0-10.5)	(<1000 umhos/cm)	(<5ppm)	(<100 cpm)	(<500 cpm)

NA - Not Analyzed

Weather: Sunny

Temp.: ~50°F

DISPOSITION: Drill - site Disposal X

Containerization (Labeled?) y/n

Describe:

On - site Geologist (print): Steve Jones

Signature: Linda M. Rife

Date: 6/19/02

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-013PWELL INSPECTION NO. 00-716

WELL NUMBER: GW-698	LOCATION: Y-12 plant site
INSPECTION DATE: 11/16/00	INSPECTED BY RMC/MAC
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: Traffic cover is securely bolted down but no way to lock well on inside - sampling equipment inside prevents cap from attaching.	
MAINTENANCE PERFORMED BY: Highland Drilling Adam Held and Marty Briley	
DATE REQUEST SUBMITTED: NA	DATE WORK COMPLETED: NA
MAINTENANCE WORK PERFORMED:	
Sampling Eqpt. will be pulled by ACO technician after 4Q-01 monitoring event.	
MAINTENANCE INSPECTED BY: Beth Schultz	DATE INSPECTED: 10/11/01
INSPECTION COMMENTS:	

APPROVED BY:

Beth Schultz
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

10/11/01

CANCELLED
per ERS
10/11/01

Y-12 GROUNDWATER PROTECTION PROGRAM WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-014S

WELL INSPECTION NO. 00-688, 00-600, 00-601, 00-356

ER3 02/23/02

WELL NUMBER: GW-797 , GW-148, GW-149, GW-066		LOCATION: NHP , NHP, and BCBG	
INSPECTION DATE: Several		INSPECTED BY: RMC/MAC	
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>Install a concrete pad at the base of the wells.</u>			
MAINTENANCE PERFORMED BY: Highland Drilling			
DATE REQUEST SUBMITTED: 2/11/02		DATE WORK COMPLETED:	
MAINTENANCE WORK PERFORMED: <u>Pad installed @ GW-066 in a wedge shape pattern. Unable to install a full 3x3' pad, due to hillside. Forms need to be removed. Pads installed @ GW-148 and GW-149 are good</u>			
MAINTENANCE INSPECTED BY: <u>Peth Schults</u>		DATE INSPECTED: <u>03/20 = 3/21/02</u>	
INSPECTION COMMENTS: <u>Work performed as requested</u>			

APPROVED BY:

PROJECT MANAGER GWPP OR DESIGNEE

DATE:

3/21/02

WELL INSPECTION NO. multi

APPROVED BY:

Beth Schultz
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

10/11/01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST (WMR)

WMR NUMBER: 01-016SWELL INSPECTION NO. Multiple - See Attachment

WELL NUMBER: Multiple - See Attachment	LOCATION: EXP-W, BCBG, Lysimeter, RGA
INSPECTION DATE: CY 2000 Inspections	INSPECTED BY: multiple
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 request was made to Engineering to survey the attached list of wells. A survey was required for one of the following reasons: 1) the well location listed on Subsurface Database Maps differed from the actual location in the field (GW-091, GW-237, GW-533), 2) the well configuration had been modified and the reference point at the Top of Casing had changed (GW-710 and GW-633), or 3) the well (DC Well) had never been surveyed before.	
MAINTENANCE PERFORMED BY: Bernie Dykes: Y-12 Engineering	
DATE REQUEST SUBMITTED: 12/5/2001	DATE WORK COMPLETED: 05/24/2002
MAINTENANCE WORK PERFORMED:	
Y-12 Engineering had a hard time locating the actual well location. Steve Field coordinated.	
Work completed as requested.	
MAINTENANCE INSPECTED BY: NA	
DATE INSPECTED: NA	
INSPECTION COMMENTS: None	

APPROVED BY:

Beth Schulte
PROJECT MANAGER GWPP OR DESIGNEE

DATE:

05/24/02

Attachment to WMR 01-016S

Wells submitted for survey

Well	Insp No.
GW-710	00-240
DCWELL	00-080
GW-091	00-011
GW-237	00-040
GW-533	00-373
GW-633	00-489

Y-12 GWPP wells to be re-surveyed

APPENDIX D

REFERENCE TAG DEPTHS

APPENDIX D - REFERENCE TAG DEPTHS

Well #	¹ Reference Tag Depth from TOC	Used Calculated Constructed Depth	² MPCF
1090	98.02		0.60
GW-008	26.69		0.60
GW-010	16.50		
GW-012	19.20		0.60
GW-014	14.50		0.60
GW-046	23.85		0.60
GW-053	35.13		0.62
GW-056	59.21		0.59
GW-069	101.96		0.60
GW-071	218.40		0.60
GW-075	205.59		0.60
GW-077	104.10		0.60
GW-078	23.40		0.60
GW-079	64.70		0.60
GW-080	33.00	X	
GW-082	38.45		0.60
GW-085	62.34		0.67
GW-098	105.65		0.25
GW-101	19.18		0.60
GW-108	58.30		0.20
GW-109	125.45		
GW-115	54.49	X	0.60
GW-124	153.44		
GW-127	26.52		
GW-142	298.20		0.80
GW-143	252.70		0.80
GW-144	194.34		0.20
GW-145	113.49		0.20
GW-151	99.63		0.20
GW-153	60.84		0.24
GW-154	13.35		0.20
GW-156	157.65		0.18
GW-159	155.87		0.18
GW-169	36.23		0.62
GW-170	156.16		0.20
GW-171	32.64		0.62
GW-172	137.50		0.32
GW-174	151.94		
GW-175	169.49		
GW-177	150.69		0.20
GW-180	146.08		
GW-193	21.17		0.17
GW-203	157.61		0.19
GW-204	20.23		0.17
GW-205	165.13		0.17
GW-219	15.59		0.19
GW-220	49.00		0.83

¹ Tag depths from the CY 1997 and 2000 inspections were used in selecting the reference tag depth, unless otherwise noted.

² MPCF - Measurement Point Correction Factor

APPENDIX D - REFERENCE TAG DEPTHS

Well #	¹ Reference Tag Depth from TOC	Used Calculated Constructed Depth	² MPCF
GW-221	159.34		0.16
GW-223	93.57		0.20
GW-225	203.30		
GW-226	58.47		0.17
GW-230	409.48		0.25
GW-231	37.70		0.20
GW-232	412.88		0.17
GW-240	32.55		
GW-241	98.23		
GW-243	76.30		0.20
GW-244	77.30		
GW-245	73.87		
GW-246	76.50		
GW-247	76.50		
GW-251	50.04		
GW-253	50.51		0.25
GW-257	36.63		
GW-274	36.12		0.17
GW-275	68.47		0.17
GW-276	21.34		0.30
GW-289	43.14		0.26
GW-291	19.92		0.20
GW-301	165.23		0.17
GW-302	138.23		0.17
GW-311	43.64		0.17
GW-315	105.98		0.17
GW-339	116.92		0.24
GW-363	77.27		0.17
GW-364	62.86		
GW-365	152.49		
GW-381	61.01		
GW-382	173.20		
GW-383	26.54		0.27
GW-514	197.13		
GW-521	136.70		0.20
GW-526	123.80		0.80
GW-537	27.35		0.17
GW-557	136.07		0.20
GW-569	113.14		
GW-605	42.00		0.18
GW-606	174.36		0.20
GW-608	219.80		0.80
GW-609	268.80		0.20
GW-612	256.28		
GW-615	246.84		0.80
GW-616	270.59		
GW-618	38.30		0.20

¹ Tag depths from the CY 1997 and 2000 inspections were used in selecting the reference tag depth, unless otherwise noted.

² MPCF - Measurement Point Correction Factor

APPENDIX D - REFERENCE TAG DEPTHS

Well #	¹ Reference Tag Depth from TOC	Used Calculated Constructed Depth	² MPCF
GW-620	77.91		0.23
GW-627	270.96		0.66
GW-639	129.64		
GW-653	41.53		0.24
GW-656	20.60		
GW-683	199.83		0.17
GW-684	132.21		0.17
GW-685	141.83		0.78
GW-695	65.28		0.17
GW-698	74.88		
GW-703	185.29		0.60
GW-704	258.65		0.60
GW-706	185.79		0.80
GW-712	460.53		0.80
GW-713	318.39		0.80
GW-714	146.90		0.80
GW-715	45.96		0.20
GW-722	642.68		
GW-724	293.60		0.48
GW-725	145.42		0.58
GW-731	178.53		0.11
GW-732	192.84		0.20
GW-733	259.93		0.80
GW-735	81.81		0.18
GW-738	91.78		
GW-740	192.67		0.70
GW-744	69.28		0.17
GW-747	82.33		0.18
GW-750	75.49		0.17
GW-762	62.04		
GW-763	20.41		0.18
GW-769	62.73		0.17
GW-770	21.68		0.17
GW-771	56.95		
GW-772	18.81		
GW-782	38.23		0.17
GW-784	66.60		
GW-785	26.70		
GW-789	25.38		0.19
GW-796	139.82		0.20
GW-798	134.00		0.20
GW-799	97.58		0.20
GW-801	190.92		0.20
GW-816	17.99		0.21
GW-829	118.68		0.17
GW-831	198.06		0.20
GW-832	10.36		

¹ Tag depths from the CY 1997 and 2000 inspections were used in selecting the reference tag depth, unless otherwise noted.

² MPCF - Measurement Point Correction Factor

APPENDIX D - REFERENCE TAG DEPTHS

Well #	¹ Reference Tag Depth from TOC	Used Calculated Constructed Depth	² MPCF
GW-835	19.20		
GW-841	10.30		
GW-842	28.00		
GW-843	69.80		
GW-844	180.10		

¹ Tag depths from the CY 1997 and 2000 inspections were used in selecting the reference tag depth, unless otherwise noted.

² MPCF - Measurement Point Correction Factor

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