DISTRIBUTION SHEET

To	From	Page 1 of 1
Distribution	T. J. Venetz	Date January 9, 1995
Project Title/Work Order		EDT No. 605305
Interface Control Document Between PFP Transition Project and Solid Waste Disposal Division		ECN No.

Name	MSIN	Text With All Attach.	Text Only	Attach./Appendix Only	EDT/ECN Only
E. G. Backlund	T5-54	1			
A. B. Carlson	H5-33	1			
D. M. Caum	H5-33	1			
D. R. Duncan	H5-33	1			
R. J. Giroir	T4-05	1			
P. L. Hapke	T4-05	1			
K. L. Hladek	H5-33	1			
W. H. Hamilton, Jr.	N3-10	1			
C. M. Kronvall	T5-53	1			
D. J. McBride	T5-54	1			
M. M. McCarthy	N3-13	1			
D. E. McKenney	N3-10	1			
O. J. Valero	H5-33	1			
T. J. Venetz	H5-33	10			
E. C. Vogt	T5-50	1			
Central Files	L8-04	orig.			
OSTI	L8-07	2			

RECEIVED
FEB 01 1995

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

2. To: (Receiving Organization) Distribution		3. From: (Originating Organization) 87320		4. Related EDT No.: N/A					
5. Proj./Prog./Dept./Div.: WAE/SWD		6. Cog. Engr.: Ted J Venetz 376-9669		7. Purchase Order No.: N/A					
8. Originator Remarks: For release.				9. Equip./Component No.: N/A					
				10. System/Bldg./Facility: N/A					
11. Receiver Remarks:				12. Major Assm. Dwg. No.: N/A					
				13. Permit/Permit Application No.: N/A					
				14. Required Response Date: N/A					
15. DATA TRANSMITTED									
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	(F) Impact Level	(G) Reason for Transmittal	(H) Originator Disposition	(I) Receiver Disposition	
1	WHC-SD-WM-PICD-006	N/A	0	Interface Control Document Between PFP Transition Project and Solid Waste Disposal Division	N/A	2			
16. KEY									
Impact Level (F)		Reason for Transmittal (G)			Disposition (H) & (I)				
1, 2, 3, or 4 (see MRP 5.43)		1. Approval 2. Release 3. Information 4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)			1. Approved 2. Approved w/comment 3. Disapproved w/comment 4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged				
(G)	(H)	17. SIGNATURE/DISTRIBUTION (See Impact Level for required signatures)						(G)	(H)
Reason	Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(J) Name	(K) Signature	(L) Date	(M) MSIN
2	1	Cog. Eng. TJ Venetz	<i>TJ Venetz</i>	1/9/95	H5-33				
2	1	Cog. Mgr. KL Hladek	<i>KL Hladek</i>	1-9-95	H5-33				
18.		19.		20.		21. DOE APPROVAL (if required) Ltr. No. N/A			
T. J. Venetz <i>TJ Venetz</i> Signature of EDT Originator		<i>TJ Venetz</i> Date		K. L. Hladek <i>KL Hladek</i> Cognizant/Project Engineer's Manager		Date			
		Authorized Representative for Receiving Organization				☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments			

Document Title: INTERFACE CONTROL DOCUMENT BETWEEN PFP
TRANSITION PROJECT AND SOLID WASTE DISPOSAL
DIVISION

Approved by:

¹⁻⁴⁻⁹⁵

E.C. Vogt, Director
PFP Transition Project

Approved by:

W. H. Hamilton, Jr., Director
Solid Waste Disposal

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

DT

61

TABLE OF CONTENTS

1.0 PURPOSE	1
2.0 SCOPE	1
3.0 SOLID WASTE GENERATED BY THE PFP TRANSITION PROJECT REQUIRING MANAGEMENT BY SWD	3
REFERENCES	6
APPENDIX A - PFP SOLID WASTE FORECAST TABULAR DATA	A-1
ATTACHMENT I - PFP 1994 SOLID WASTE VOLUME FORECAST	A-22

RELEASE AUTHORIZATION

Document Number: WHC-SD-WM-PICD-006, Rev. 0

Document Title: Interface Control Document Between PFP Transition Project and Solid Waste Disposal Division

Release Date: 1/12/95

**This document was reviewed following the
procedures described in WHC-CM-3-4 and is:**

APPROVED FOR PUBLIC RELEASE

WHC Information Release Administration Specialist:

V. L. Birkland
V.L. Birkland

1/12/95

TRADEMARK DISCLAIMER. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof or its contractors or subcontractors.

This report has been reproduced from the best available copy. Available in paper copy and microfiche. Printed in the United States of America. Available to the U.S. Department of Energy and its contractors from:

U.S. Department of Energy
Office of Scientific and Technical Information (OSTI)
P.O. Box 62
Oak Ridge, TN 37831
Telephone: (615) 576-8401

Available to the public from:

U.S. Department of Commerce
National Technical Information Service (NTIS)
5285 Port Royal Road
Springfield, VA 22161
Telephone: (703) 487-4650

SUPPORTING DOCUMENT		116 1. Total Pages 120
2. Title Interface Control Document Between PFP Transition Project and Solid Waste Disposal Division	3. Number WHC-SD-WM-PICD-006	4. Rev No. 0
5. Key Words Interface, Solid Waste, Plutonium Finishing Plant, PFP, Baseline	6. Author Name: T. J. Venetz Signature Organization/Charge Code 87320/A9E40	

**APPROVED FOR
PUBLIC RELEASE**

7. Abstract

This interface control document between Plutonium Finishing Plant (PFP) Transition Project and Solid Waste Disposal (SWD) establishes the functional responsibilities of each division where interface exist between the two divisions. The document includes waste volumes and timing for use in planning the proper waste management capabilities.

8. RELEASE STAMP

INTERFACE CONTROL DOCUMENT BETWEEN PFP TRANSITION PROJECT AND SOLID WASTE DISPOSAL

1.0 PURPOSE

This interface control document (ICD) between PFP Transition Project and Solid Waste Disposal (SWD) establishes a baseline description of the wastes that will require management as part of the interface between the two divisions. It is important that each division has a clear understanding of the other division's expectations regarding levels and type of support needed. Figure 1 provides a graphic description of the interface between SWD and PFP Transition Project.

This document satisfies the requirement for the PFP Transition Project to provide an annual 30-year forecast for solid waste generation as stated in the Hanford Site Solid Waste Acceptance Criteria (WHC-EP-0063-4, Section 1.3.2) and RLID 5820.2A (Radioactive Waste Management, 3.b.(2) and 3.c.(1)). The information presented in this document will be reevaluated at least annually or when significant changes to either program occur.

This document is part of the baseline documentation for both programs and can be changed only by use of an engineering change notice (ECN) approved by representatives of both the PFP Transition Project and SWD.

2.0 SCOPE

This ICD deals with the projection of waste to be generated by the PFP Transition Project. The baseline description of wastes includes waste volumes, characteristics and shipping schedules.

As a part of the overall Hanford Site Systems Engineering effort, the PFP Transition Project is evolving a new mission including associated functions and activities. While these System Engineering efforts will not be completed for a year or more, preliminary results make it clear that stabilization of existing facilities and product leading to safe deactivation of many of the PFP systems and structures will be required. The projected solid waste streams described in this document are based on the PFP Transition Projects present estimate of scope and timing of these stabilization and deactivation activities. Present planning includes turnover of selected, deactivated facilities to the ERM contractor(s) for D&D activities. Not included in this solid waste stream forecast are any solid waste which may result from these D&D activities.

Figure 1. Interfaces Between PFP Transition Project and Solid Waste Disposal

3.0 SOLID WASTE GENERATED BY THE PFP TRANSITION PROJECT REQUIRING MANAGEMENT BY SWD

SWD will manage the solid wastes generated by the PFP Transition Project as identified in Appendix A. Solid wastes generated by the PFP Transition Project will be accepted by Solid Waste Disposal provided the waste meets the established criteria outlined in the Hanford Site Solid Waste Acceptance Criteria (WHC-EP-0063-4). SWD will provide storage, treatment and disposal as necessary for the solid waste generated by the PFP Transition Project. Acceptance of unique waste will be handled on a case by case basis. These quantities are expected to be minimal.

The following assumptions were made as a basis for the solid waste forecast included as Attachment I hereto (Backlund, G; 1994):

- Physical form, radionuclide content and waste code will be similar to previous years forecasts
- Solid waste quantities will increase during the foreseeable future as a result of activities of the following nature which are planned as a part of the stabilization and deactivation projects at PFP:
 - C116 PFP Waste Water Mods
 - C196 Double Line Containment
 - 291Z Substation
 - 234-5Z Substation
 - Plant Electrical Modernization
 - Drum Retrieval
 - Ductwork Cleanout
 - PRF Canyon Cleanout
 - 231Z Cell Cleanup
 - 241Z Basin Cleanup
 - 235B Hood 1, 3 & 4 Cleanup
 - 242Z Americium Cleanup
 - Laboratory rooms 134 & 156 Cleanup
 - Filter Box 9A Cleanup
 - Tank 361 Cleanout
 - RMA Glovebox Cleanout
 - RADTU Glovebox Cleanout

The above projects have been projected to be completed over a period of approximately 15 years. Results of the Systems Engineering efforts and actual budget availability will undoubtedly modify these projections. Resulting solid waste disposal projection

WHC-SD-WM-PICD-006, REV 0

modifications will be forwarded to SWD on an annual basis.

WHC-SD-WM-PICD-006, REV 0

Table 3-1 PFP Transition Project Solid Waste Volume (ft³) Forecast

Material Source/Category	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CH-LLW-I	10057	9801	9801	9801	9801	9801	9801	11039	9801	9847	9801	9893	9801	9801	9801
CH-LLW-III	6718	3238	3128	2383	2383	2383	2383	2475	2383	2429	5051	5833	2383	2383	2383
CH-LLMW-I	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454
CH-LLMW-III	514	101	101	101	101	101	101	101	101	138	377	285	101	101	101
CH-TRU	2925	2613	2613	2613	2613	2613	2613	2613	2613	2797	8153	13315	2613	2613	2613
CH-TRUM	808	808	1084	808	808	808	808	808	808	845	1102	992	808	808	808
HAZARDOUS	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585

Material Source/Category	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
CH-LLW-I	1467	1467	1467	1467	1467	975	975	975	975	975	975	975	975	975	975
CH-LLW-III	359	359	359	359	359	239	239	239	239	239	239	239	239	239	239
CH-LLMW-I	662	662	662	662	662	442	442	442	442	442	442	442	442	442	442
CH-LLMW-III	18.4	18.4	18.4	18.4	18.4	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
CH-TRU	258	258	258	258	258	258	129	129	129	129	129	129	129	129	129
CH-TRUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAZARDOUS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

REFERENCES

Department of Energy, September 1993, *Hanford Site Solid Waste Acceptance Criteria*, WHC-EP-0063-4, Westinghouse Hanford Company, Richland Washington.

Backlund, E.G. (Gary), August 1994, WHC 2345Z *Plutonium Finishing Plant Solid Waste Volume Forecast*

WHC-SD-WM-PICD-006, REV 0

APPENDIX A

PFP SOLID WASTE FORECAST TABULAR DATA

Table A.1 Drummed (55 gal.) CH-LLW-I

STREAM DESCRIPTION

Waste Class:	Contact Handled Low-Level Category I (CH-LLW-I)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 to 2024

CONTAINER DESCRIPTION

Container Type:	55 Gallon Drums
Container External Volume:	9.2 ft ³
Number of Containers Generated Annually:	480 to 540 through 2009, 77 each year from 2010 through 2014, and 106/yr thereafter through 2024

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	4410 to 4430 through 2009, 704 from 2010 through 2014 and 975 through 2024
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	Predominantly combustible debris waste
Waste Form and Content:	See waste stream design above

HAZARDOUS CONSTITUENTS DESCRIPTION:

Not Applicable

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of 1.5E^{-9} Ci/m³ and total activity values of an average of 0.02E^{-9} and 0.30E^{-9} curies for heterogenous and combustible, respectively.

Table A.2 Boxed CH-LLW-I

STREAM DESCRIPTION

Waste Class:	Contact Handled Low-Level Category I (CH-LLW-I)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 to 2024

CONTAINER DESCRIPTION

Container Type:	4 x 4 x 8 box
Container External Volume:	128 ft ³
Number of Containers Generated Annually:	39 to 44 through 2009, 6 from 2010 through 2014, and 0 thereafter through 2024

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	5000 to 5630 through 2009, 760 from 2010 through 2014 and zero thereafter
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	25 v/o each metal, inorganic non-metal, combustible, and heterogenous debris
Waste Form and Content:	See waste stream design above

HAZARDOUS CONSTITUENTS DESCRIPTION:

Not Applicable

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of 0.12E^{-9} Ci/m³ and total activity of 0.11E^{-9} curies

Table A.3 Boxed CH-LLW-I

STREAM DESCRIPTION

Waste Class:	Contact Handled Low-Level Category I (CH-LLW-I)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	2002

CONTAINER DESCRIPTION

Container Type:	B-25
Container External Volume:	103.2 ft ³
Number of Containers Generated Annually:	12 in 2002 only

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	1214 ft ³ in 2002 only
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	50 v/o each combustible and heterogeneous
Waste Form and Content:	See waste stream design above

HAZARDOUS CONSTITUENTS DESCRIPTION:

Not Applicable

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of 0.12E⁻⁹ Ci/M³ and total activity of 0.16E⁻⁹ curies

Table A.4 Drummed (55 gal.) CH-LLW-III

STREAM DESCRIPTION

Waste Class:	Contact Handled Low-Level Category III (CH-LLW-III)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 to 2024

CONTAINER DESCRIPTION

Container Type:	55 gallon drums
Container External Volume:	9.2 ft ³
Number of Containers Generated Annually:	409 in 1995, 350 in 1996, 340 in 1997, 260 through 2004, 545 in 2005, 630 in 2006, 260 in 2007 to 2009, 39 in 2010 through 2014, and 26 through 2024

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	3762 ft ³ in 1995, 3200 in 1996, 3100 in 1997, 2400 through 2004, 5000 in 2005, 5800 in 2006, 2400 in 2007 to 2009, 360 in 2010 through 2014, and 240 through 2024
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	10 v/o contaminated soil, 10 v/o metal debris, 70 v/o combustible debris, and 10 v/o heterogenous debris
Waste Form and Content:	See above

HAZARDOUS CONSTITUENTS DESCRIPTION:

Not Applicable

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of 5.5E^{-3} Ci/M³ and total activity of 1.2E^{-3} curies

Table A.5 Boxed CH-LLW-III

STREAM DESCRIPTION

Waste Class:	Contact Handled Low-Level Category III (CH-LLW-III)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995

CONTAINER DESCRIPTION

Container Type:	4 x 4 x 8 metal box
Container External Volume:	128 ft ³
Number of Containers Generated Annually:	20 in 1995

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	2560 ft ³ in 1995
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	50 v/o metal debris and 50 v/o combustible debris
Waste Form and Content:	See above

HAZARDOUS CONSTITUENTS DESCRIPTION:

Not Applicable

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of $5.5E^{-3}$ Ci/M³ and total activity of $1.5E^{-2}$ curies

Table A.6 Boxed CH-LLW-III

STREAM DESCRIPTION

Waste Class:	Contact Handled Low-Level Category III (CH-LLW-III)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995

CONTAINER DESCRIPTION

Container Type:	B - 25
Container External Volume:	103.2 ft ³
Number of Containers Generated Annually:	4 in 1995

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	412 ft ³ in 1995
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	100 v/o heterogenous debris
Waste Form and Content:	See above

HAZARDOUS CONSTITUENTS DESCRIPTION:

Not Applicable

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of $5.5E^{-3}$ Ci/M³ and total activity of $1.4E^{-2}$ curies

Table A.7 Drummed (55 gal) CH-LLMW-I

STREAM DESCRIPTION

Waste Class:	Contact Handled Low-Level Mixed Waste Category I (CH-LLMW-I)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2024

CONTAINER DESCRIPTION

Container Type:	55 gallon drum
Container External Volume:	9.2 ft ³
Number of Containers Generated Annually:	484 from 1995 through 2009, 72 in 2010 through 2014, and 48 through 2024

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	4454 ft ³ /yr through 2009, 662 in 2010 through 2014, and 442 through 2024
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	34 v/o heterogenous debris, 55 v/o containerized liquids, 11 v/o elemental lead
Waste Form and Content:	See above & below

HAZARDOUS CONSTITUENTS DESCRIPTION:

Debris is 100 v/o metal with 67 v/o non-PCB WAC; liquid is 80 v/o metal, 40 v/o organic, 40 v/o ignitable, 20 v/o corrosive and 100 v/o non-PCB WAC; lead is 100 v/o metal

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of $4.0E^{-4}$ Ci/M³ and total activity of $8.4E^{-5}$ curies

Table A.8 Drummed (55 gal) CH-LLMW-III

STREAM DESCRIPTION

Waste Class:	Contact Handled Low-Level Mixed Waste Category III (CH-LLMW-III)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2024

CONTAINER DESCRIPTION

Container Type:	55 gallon drum
Container External Volume:	9.2 ft ³
Number of Containers Generated Annually:	11 in 1995 through 2003 and 2007 through 2009, 15 in 2004, 41 in 2005, 31 in 2006, 2 in 2010 through 2014, and 1 through 2024

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	101 ft ³ 1995 through 2003 and 2007 through 2009, 138 in 2004, 377 in 2005, 285 in 2006, 18.4 in 2010 through 2014, and 9.2 through 2024
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	100 v/o heterogenous debris
Waste Form and Content:	See above & below

HAZARDOUS CONSTITUENTS DESCRIPTION:

100 v/o non-PCB WAC, segregated

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of $5.5E^{-3}$ Ci/M³ and total activity of $1.2E^{-3}$ curies

Table A.9 Boxed CH-LLMW-III

STREAM DESCRIPTION

Waste Class:	Contact Handled Low-Level Mixed Waste Category III (CH-LLMW-III)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 only

CONTAINER DESCRIPTION

Container Type:	B - 25
Container External Volume:	103.2 ft ³
Number of Containers Generated Annually:	4 in 1995 only

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	413 ft ³ in 1995 only
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	100 v/o heterogenous debris
Waste Form and Content:	See above & below

HAZARDOUS CONSTITUENTS DESCRIPTION:

100 v/o segregated metals

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of 5.5E^{-3} Ci/M³ and total activity of 1.4E^{-2} curies

Table A.10 Drummed (55 gal.) CH-TRU

STREAM DESCRIPTION

Waste Class:	Contact Handled Trans-Uranic (CH-TRU)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2024

CONTAINER DESCRIPTION

Container Type:	55 gallon drum
Container External Volume:	9.2 ft ³
Number of Containers Generated Annually:	294 in 1995, 284 in 1996 through 2003, 289 in 2004, 603 in 2005, 810 in 2006, 284 in 2007 through 2009, 28 in 2010 through 2015, and 14 through 2024.

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	2704 ft ³ in 1995, 2613 in 1996 through 2003, 2657 in 2004, 5544 in 2005, 7456 in 2006, 2613 in 2007 through 2009, 258 in 2010 through 2015, and 129 through 2024.
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	60 v/o heterogenous debris and 40 v/o metal
Waste Form and Content:	See above

HAZARDOUS CONSTITUENTS DESCRIPTION:

Not Applicable

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of 75 Ci/M³ and total activity of 6 to 9 curies

Table A.11 Boxed CH-TRU

STREAM DESCRIPTION

Waste Class:	Contact Handled Trans-Uranic (CH-TRU)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995, 2004, 2005 & 2006

CONTAINER DESCRIPTION

Container Type:	SWB
Container External Volume:	73.4 ft ³
Number of Containers Generated Annually:	3 in 1995, 2 in 2004, 36 in 2005 and 80 in 2006

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	220 ft ³ in 1995, 147 ft ³ in 2004, 2642 ft ³ in 2005, and 5872 ft ³ in 2006
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	60 v/o metal debris and 40 v/o combustible debris
Waste Form and Content:	See above

HAZARDOUS CONSTITUENTS DESCRIPTION:

Not Applicable

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of 75 Ci/M³ and total estimated activity of 88 curies for metals and 58 curies for combustible

Table A.12 Drummed (55 gal.) CH-TRUM

STREAM DESCRIPTION

Waste Class:	Contact Handled Trans-Uranic Mixed (CH-TRUM)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2009

CONTAINER DESCRIPTION

Container Type:	55 gallon drum
Container External Volume:	9.2 ft ³
Number of Containers Generated Annually:	24 in 1995, 1996, 1998 through 2003 and 2007 to 2009; 54 in 1997; 28 in 2004; 55 in 2005; and 44 in 2006

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	221 ft ³ in 1995, 1996, 1998 to 2003 and 2007 to 2009; 497 ft ³ in 1997; 258 in 2004; 507 in 2005; and 405 in 2006
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	100 v/o heterogenous debris
Waste Form and Content:	See above and below

HAZARDOUS CONSTITUENTS DESCRIPTION:

100 v/o metallic non-WAC segregated

RADIOLOGICAL DESCRIPTION:

Pu/Am in estimated average concentration of 115.8 Ci/M³ and total activity of 24.3 curies

Table A.13 Boxed CH-TRUM

STREAM DESCRIPTION

Waste Class:	Contact Handled Trans-Uranic Mixed (CH-TRUM)
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2009

CONTAINER DESCRIPTION

Container Type:	SWB
Container External Volume:	73.4 ft ³
Number of Containers Generated Annually:	8 per year in 1995 through 2009

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	590 ft ³ in 1995 through 2009
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	100 v/o heterogenous debris
Waste Form and Content:	See above and below

HAZARDOUS CONSTITUENTS DESCRIPTION:

100 v/o metallic non-WAC segregated

RADIOLOGICAL DESCRIPTION:

Pu/Am in concentration of 116 Ci/M³ and total activity of 226 curies

Table A.14 Drummed (55 gal.) Hazardous

STREAM DESCRIPTION

Waste Class:	Hazardous Only
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2009

CONTAINER DESCRIPTION

Container Type:	55 gallon drum
Container External Volume:	9.2 ft ³
Number of Containers Generated Annually:	55 from 1995 through 2009; zero thereafter

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	507 ft ³ from 1995 through 2009; zero thereafter
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	33 v/o organic, 34 v/o combustible and 33 v/o heterogenous
Waste Form and Content:	See above and below

HAZARDOUS CONSTITUENTS DESCRIPTION:

100 v/o non-PCB WAC; 100 v/o of organic is EPA/RCRA

RADIOLOGICAL DESCRIPTION:

Not applicable

Table A.15 Drummed (30 gal.) Hazardous

STREAM DESCRIPTION

Waste Class:	Hazardous Only
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2009

CONTAINER DESCRIPTION

Container Type:	30 gallon drum
Container External Volume:	4.4 ft ³
Number of Containers Generated Annually:	36 from 1995 to 2009, zero thereafter

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	160 ft ³ from 1995 through 2009; zero thereafter
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	100 v/o containerized liquids
Waste Form and Content:	See above and below

HAZARDOUS CONSTITUENTS DESCRIPTION:

100 v/o non-WAC corrosives segregated

RADIOLOGICAL DESCRIPTION:

Not applicable

Table A.16 Hazardous Other

STREAM DESCRIPTION

Waste Class:	Hazardous Only
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2009

CONTAINER DESCRIPTION

Container Type:	12-B-65; 9" x 12" x 12" fiberboard
Container External Volume:	0.75 ft ³
Number of Containers Generated Annually:	700 from 1995 to 2009, zero thereafter

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	525 ft ³ from 1995 through 2009; zero thereafter
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	10 v/o each organic and inorganic absorbed liquid/sludges; 10 v/o each combustible debris and batteries, 25 v/o heterogenous debris; and 35 v/o containerized liquids
Waste Form and Content:	See above and below

HAZARDOUS CONSTITUENTS DESCRIPTION:

50 to 100 v/o non-PCB WAC; 50 v/o of absorbed inorganic and batteries are corrosive; 50 v/o of batteries are metals and MHG; and between 50 v/o and 80 v/o of combustibles, heterogeneous and liquids are IGN segregated

RADIOLOGICAL DESCRIPTION:

Not applicable

Table A.17 Hazardous Other

STREAM DESCRIPTION

Waste Class:	Hazardous Only
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2024

CONTAINER DESCRIPTION

Container Type:	DOT-37C, 5 gallon
Container External Volume:	0.84 ft ³
Number of Containers Generated Annually:	300 from 1995 to 2009, 3/yr thereafter

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	252 ft ³ from 1995 to 2009; 2 ft ³ /yr thereafter
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	See attached
Waste Form and Content:	See above and below

HAZARDOUS CONSTITUENTS DESCRIPTION:

See attached

RADIOLOGICAL DESCRIPTION:

Not applicable

Table A.17 Attachment

Physical Form and Hazardous Constituent Description Expansion
For 1995 through 2009

6 v/o each of inorganic absorbed liquids/sludges, metallic debris, and batteries; 82 v/o containerized liquids.

The 6 v/o metallic is > 50 ppm PCBs.

The 6 v/o inorganic is non-WAC corrosive.

The 6 v/o batteries is 100 v/o non-PCB WAC.

The containerized liquids are 100 v/o non-PCB WAC and consist of 17 v/o each corrosive and organic and 33 each v/o IGN and metals

For 2010 to 2024

The materials are 100 v/o metal debris and 100 v/o > 50 PPM PCB WAC.

Table A.18 Hazardous Other

STREAM DESCRIPTION

Waste Class:	Hazardous Only
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2009

CONTAINER DESCRIPTION

Container Type:	DOT-17C, 15 gallon
Container External Volume:	2.5 ft ³
Number of Containers Generated Annually:	25 from 1995 to 2009, zero thereafter

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	63 ft ³ from 1995 to 2009, zero thereafter
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	100 v/o containerized liquids
Waste Form and Content:	See above and below

HAZARDOUS CONSTITUENTS DESCRIPTION:

100 v/o IGN organic and non-PCB WAC segregated

RADIOLOGICAL DESCRIPTION:

Not applicable

Table A.19 Hazardous Other

STREAM DESCRIPTION

Waste Class:	Hazardous Only
Waste Stream Description:	Waste generated from maintenance, surveillance, life extension, stabilization and deactivation activities.
Year(s) of Generation:	1995 through 2009

CONTAINER DESCRIPTION

Container Type:	DOT-17C, 8 gallon
Container External Volume:	1.3 ft ³
Number of Containers Generated Annually:	60 from 1995 to 2009, zero thereafter

PHYSICAL FORM DESCRIPTION

Annual Volume (ft ³) Generated:	78 ft ³ from 1995 to 2009, zero thereafter
Density:	TBD
Annual Weight Generated:	TBD
Physical Form:	100 v/o containerized liquids
Waste Form and Content:	See above and below

HAZARDOUS CONSTITUENTS DESCRIPTION:

100 v/o non-PCB WAC, 50 v/o each IGN, CORR, MET and ORG. segregated

RADIOLOGICAL DESCRIPTION:

Not applicable

ATTACHMENT I

PFP 1994 SOLID WASTE VOLUME FORECAST

COVER SHEET

1994 SOLID WASTE FORECAST REQUEST FORM

Generator (Project/Facility) WHC 2345Z Plutonium Fin. Plant

<u>Waste Class</u>	<u>Contact</u>	<u>Phone</u>
<u>LLW</u>	<u>E. G.(Gary) Backlund</u>	<u>3-2708</u>
<u>LLMW</u>	<u>E. G.(Gary) Backlund</u>	<u>3-2708</u>
<u>HAZ</u>	<u>E. G.(Gary) Backlund</u>	<u>3-2708</u>
<u>TRU</u>	<u>E. G.(Gary) Backlund</u>	<u>3-2708</u>
<u>TRUM</u>	<u>E. G.(Gary) Backlund</u>	<u>3-2708</u>
<u>LEVEL III APPROVAL</u>	<u>C. M.(Charlie) Kronvall</u>	<u>3-3309</u>

(Fill out and/or correct above and keep this sheet with forecast)

COORDINATOR SHEET

Department: Plutonium Finishing Plant

1994 Coordinator: E.J.(Eddie) Manthos 3-2390

Project/Facility
Number

1994 Contact

1994 Level III
Approval

WHC 2345Z
CP Pu Finishing Plant

E.G. Backlund

C.M. Kronvall

(Fill out and/or correct above and keep this sheet with forecast)

TABLE 1 page 1 of 5

PROJECTED SOLID WASTE EXTERNAL VOLUMES (FT³)

REPORT SHIELDED RH WASTE AS RH WASTE NOT CH WASTE

WASTE CLASS	ESTIMATE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CH-LLW-I	EST.(CuFi)	10057	9801	9801	9801	9801	9801	9801	11039	9801	7847	7801	9893	9801	7801	7801
	MIN. %	0.444	1/12/97													
	MAX. %	300														
CH-LLW-III	EST.(CuFi)	6718	5238	5128	2383	2383	2383	2383	2475	2383	2429	5051	5823	2383	2383	2383
	MIN. %	0.400	1/12/97													
	MAX. %	100														
CH-LLW-III	EST.(CuFi)	0														
	MIN. %	0.100														
	MAX. %	100														
RH-LLW-I	EST.(CuFi)	0														
	MIN. %	0.100														
	MAX. %	100														
RH-LLW-III	EST.(CuFi)	0														
	MIN. %	0.100														
	MAX. %	100														
RH-LLW-III	EST.(CuFi)	0														
	MIN. %	0.100														
	MAX. %	100														
CH-LLMW-I	EST.(CuFi)	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454
	MIN. %	0.100	1/12/97													
	MAX. %	100														
CH-LLMW-III	EST.(CuFi)	514	101	101	101	101	101	101	101	101	138	377	285	101	101	101
	MIN. %	0.100	1/12/97													
	MAX. %	500														
CH-LLMW-III	EST.(CuFi)	0														
	MIN. %	0.100	1/12/97													
	MAX. %	100														
RH-LLMW-I	EST.(CuFi)	0														
	MIN. %	0.100	1/12/97													
	MAX. %	100														

PROJECTED SOLID WASTE EXTERNAL VOLUMES (FT³)
REPORT SHIELDED RH WASTE AS RH WASTE NOT CH WASTE

TABLE 1 page 2 of 5

WASTE CLASS	ESTIMATE	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
CH-LLW-I	EST.(CuFi)	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467	1467
	MIN. %	0.568	11/10/14													
	MAX. %	300														
CH-LLW-III	EST.(CuFi)	359	359	359	359	359	359	359	359	359	359	359	359	359	359	359
	MIN. %	0.400	11/10/14													
	MAX. %	500														
CH-LLW-GTCIII	EST.(CuFi)	0														
	MIN. %	0.100	11/10/14													
	MAX. %	100														
RH-LLW-I	EST.(CuFi)	0														
	MIN. %	0.100	11/10/14													
	MAX. %	100														
RH-LLW-III	EST.(CuFi)	0														
	MIN. %	0.100	11/10/14													
	MAX. %	100														
RH-LLW-GTC III	EST.(CuFi)	0														
	MIN. %	0.100	11/10/14													
	MAX. %	100														
CH-LLMW-I	EST.(CuFi)	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662
	MIN. %	0.400	11/10/14													
	MAX. %	500														
CH-LLMW-III	EST.(CuFi)	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
	MIN. %	0.200														
	MAX. %	1000														
CH-LLMW-GTCIII	EST.(CuFi)	0														
	MIN. %	0.100	11/10/14													
	MAX. %	100														
RH-LLMW-I	EST.(CuFi)	0														
	MIN. %	0.100	11/10/14													
	MAX. %	100														

TABLE 1 page 3 of 5

PROJECTED SOLID WASTE EXTERNAL VOLUMES (FT³)

REPORT SHIELDED RH WASTE AS RH WASTE NOT CH WASTE

WASTE CLASS	ESTIMATE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
RH-LLMW-III	EST.(CuFi)	0														
	MIN. %	0.00	0.00													
	MAX. %	100	100													
RH-LLMW-GTCIII	EST.(CuFi)	0														
	MIN. %	0.00	0.00													
	MAX. %	100	100													
CH-TRU	EST.(CuFi)	2925	2613	2613	2613	2613	2613	2613	2613	2613	2797	8153	13315	2613	2613	2613
	MIN. %	0.00	0.00													
	MAX. %	100	100													
RH-TRU	EST.(CuFi)	0														
	MIN. %	0.00	0.00													
	MAX. %	100	100													
CH-TRUM	EST.(CuFi)	808	808	1084	808	808	808	808	808	808	845	1102	992	808	808	808
	MIN. %	0.00	0.00													
	MAX. %	100	100													
RH-TRUM	EST.(CuFi)	0														
	MIN. %	0.00	0.00													
	MAX. %	100	100													
HAZ.	EST.(CuFi)	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585
	MIN. %	0.00	0.00													
	MAX. %	100	100													

TABLE 1

PROJECTED SOLID WASTE EXTERNAL VOLUMES (FT³)

REPORT SHIELDED RH WASTE AS RH WASTE NOT CH WASTE

WASTE CLASS	ESTIMATE:	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
RH-LLMW-III	EST.(CuFi)	0														
	MIN. %	0.100	2.11													
	MAX. %	1.00	11/10/14													
RH-LLMW-GTCIII	EST.(CuFi)	0														
	MIN. %	0.100	2.11													
	MAX. %	1.00	11/10/14													
CH-TRU	EST.(CuFi)	2.58	2.58	2.58	2.58	2.58	2.58	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
	MIN. %	0.100	2.11													
	MAX. %	5.00	11/10/14													
RH-TRU	EST.(CuFi)	0														
	MIN. %	0.100	2.11													
	MAX. %	1.00	11/10/14													
CH-TRUM	EST.(CuFi)	0														
	MIN. %	0.100	2.11													
	MAX. %	1.00	11/10/14													
RH-TRUM	EST.(CuFi)	0														
	MIN. %	0.100	2.11													
	MAX. %	1.00	11/10/14													
HAZ.	EST.(CuFi)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	MIN. %	0.100	2.11													
	MAX. %	5.00	11/10/14													

HELD WASTE
PROJECTED SOLID WASTE EXTERNAL VOLUMES (FT³)
 REPORT SHIELDED RH WASTE AS RH WASTE NOT CH WASTE

NOTE: Report on this page any currently stored waste volumes that do not have a shipping schedule. Do not include volumes that are reported from 1995 through 2024.

WASTE CLASS	1994 ESTIMATE (CuFt)
CH-LLW-I	0
CH-LLW-III	
CH-LLW-GTCIII	
RH-LLW-I	
RH-LLW-III	
RH-LLW-GTCIII	
CH-LLMW-I	
CH-LLMW-III	
CH-LLMW-GTCIII	
RH-LLMW-I	
RH-LLMW-III	
RH-LLMW-GTCIII	
CH-TRU	
RH-TRU	
CH-TRUM	
RH-TRUM	
HAZARDOUS	

Container Type and Volume %

COMPLETE A SEPARATE TABLE 2 FOR EACH WASTE CLASS IDENTIFIED IN TABLE 1

STEP 3: Indicate Volume % of Waste Class Packaged in Identified Containers

STEP 1: CIRCLE ONE WASTE CLASS	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	HELP	
CH-LLW-I																																
CH-LLW-III																																
CH-LLW-GTC-III																																
RH-LLW-I																																
RH-LLW-III																																
RH-LLW-GTC-III																																
CONTAINERS																																
55 Gal Drum 9.2 CuFt	44	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	48	48	48	48	100	100	100	100	100	100	100	100	100	100	100	100
85 GAL DRUM 12.1 CuFt	0																															↑
X 4 X 8 Box A-1/Sklds 43 CuFt	0																															↑
4 X 4 X 8 Box W/O Sklds 128 CuFt	56	55	55	55	55	55	55	49	55	55	55	50	55	55	55	52	52	52	52	0	0	0	0	0	0	0	0	0	0	0	0	0
4 X 4 X 8 Metal 128 CuFt	0																															↑
B-25 103.2 CuFt	0							11.8																								↑
OTHER																																
* TOTAL (0 or 100%)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

* Total for each year MUST equal 0 or 100%

Other - Indicate container type, external dimensions, and external volume (cuft, gal).
 The containers listed above conform to the acceptance criteria in WHC-EP-0063-4 (Hanford Site Solid Waste Acceptance Criteria).
 "OTHER" containers may be accepted.

Container Type and Volume %

COMPLETE A SEPARATE TABLE 2 FOR EACH WASTE CLASS IDENTIFIED IN TABLE 1

STEP 3: Indicate Volume % of Waste Class Packaged in Identified Containers

STEP 1: CIRCLE ONE WASTE CLASS		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	HELP
CH-LLW-I																																
<u>CH-LLW-III</u>																																
CH-LLW-GTC-III																																
RH-LLW-I																																
RH-LLW-III																																
RH-LLW-GTC-III																																
CONTAINERS																																
55 Gal Drum 9.2 CuFt		56	100	100																												↑
85 GAL DRUM 12.1 CuFt		0																														↑
X 4 X 8 Box 7 Skids 243 CuFt		0																														↑
4 X 4 X 8 Box W/O Skids 128 CuFt		0																														↑
4 X 4 X 8 Metal 128 CuFt		38	0																													↑
B-25 103.2 CuFt		6	0	0																												↑
OTHER																																
* TOTAL (0 or 100%)		100																														↑

* Total for each year MUST equal 0 or 100%

Other - Indicate container type, external dimensions, and external volume (cuft, gal).
The containers listed above conform to the acceptance criteria in WHC-EP-0063-4 (Hanford Site Solid Waste Acceptance Criteria).
"OTHER" containers may be accepted.

Container Type and Volume %

COMPLETE A SEPARATE TABLE 2 FOR EACH WASTE CLASS IDENTIFIED IN TABLE 1

STEP 1: CIRCLE ONE WASTE CLASS

CH-LLMW-I

CH-LLMW-III

CH-LLMW-GTC-III

RH-LLMW-I

RH-LLMW-III

RH-LLMW-GTC-III

STEP 2:

CONTAINERS

55 Gal Drum 9.2 CuFt

85 GAL DRUM 12.1 CuFt

4 X 8 Box 1 Skids 33 CuFt

4 X 4 X 8 Box W/O Skids 120 CuFt

4 X 4 X 8 Metal 120 CuFt

B-25 103.2 CuFt

OTHER

* TOTAL (0 or 100%)

STEP 3: Indicate Volume % of Waste Class Packaged in Identified Containers.

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	HELP	
55 Gal Drum 9.2 CuFt	100																														↑	
85 GAL DRUM 12.1 CuFt	0																														↑	
4 X 8 Box 1 Skids 33 CuFt	0																														↑	
4 X 4 X 8 Box W/O Skids 120 CuFt	0																														↑	
4 X 4 X 8 Metal 120 CuFt	0																														↑	
B-25 103.2 CuFt	0																														↑	
OTHER																																
* TOTAL (0 or 100%)	100																														↑	

* Total for each year MUST equal 0 or 100%

Other - Indicate container type, external dimensions, and external volume (cuft, gal).
 The containers listed above conform to the acceptance criteria in WHC-EP-0063-4 (Hanford Site Solid Waste Acceptance Criteria).
 OTHER containers may be accepted.

Container Type and Volume %

COMPLETE A SEPARATE TABLE 2 FOR EACH WASTE CLASS IDENTIFIED IN TABLE 1

STEP 3: Indicate Volume % of Waste Class Packaged in Identified Containers.

STEP 1: CIRCLE ONE WASTE CLASS

- CH-LLMW-I
- CH-LLMW-III**
- CH-LLMW-GTC-III
- RH-LLMW-I
- RH-LLMW-III
- RH-LLMW-GTC-III

STEP 2:

CONTAINERS	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	HELP
55 Gal Drum 9.2 CuFt	20	100																													↑
65 GAL DRUM 12.1 CuFt	0																														↑
4 X 4 X 8 Box W/O Skids 128 CuFt	0																														↑
4 X 4 X 8 Box W/O Skids 128 CuFt	0																														↑
4 X 4 X 8 Metal 128 CuFt	0																														↑
B-25 103.2 CuFt	80	0																													↑
OTHER																															
* TOTAL (0 or 100%)	100																														↑

* Total for each year MUST equal 0 or 100%

Other - Indicate container type, external dimensions, and external volume (cuft, gal).

The containers listed above conform to the acceptance criteria in WHC-EP-0063-4 (Hanford Site Solid Waste Acceptance Criteria).

OTHER containers may be accepted.

Container Type and Volume %

COMPLETE A SEPARATE TABLE 2 FOR EACH WASTE CLASS IDENTIFIED IN TABLE 1

STEP 2:

STEP 3: Indicate Volume % of Waste Class Packaged in Identified Containers

CONTAINERS	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	HELP
55 Gal Drum 9.2 CuFt	92	100							75	68	56	100																			↑
85 GAL DRUM 12.1 CuFt	0																														↑
4 X 8 Box 3 CuFt	0																														↑
4 X 4 X 8 Box W/O Skids 128 CuFt	0																														↑
4 X 4 X 8 Metal 128 CuFt	0																														↑
SWB 73.4 CuFt	8	0							75	32	44	0																			↑
OTHER	0																														↑
* TOTAL (0 or 100%)	100																														↑

* Total for each year MUST equal 0 or 100%

Other - Indicate container type, external dimensions, and external volume (cuft, gal).
The containers listed above conform to the acceptance criteria in WHC-EP-0063-4 (Hanford Site Solid Waste Acceptance Criteria).
"OTHER" containers may be accepted.

Container Type and Volume %

STEP 1: CIRCLE ONE WASTE CLASS

CH-TRU

CH-TRUM

RH-TRU

RH-TRUM

STEP 2:

COMPLETE A SEPARATE TABLE 2 FOR EACH WASTE CLASS IDENTIFIED IN TABLE 1

STEP 3: Indicate Volume % of Waste Class Packaged in Identified Containers

CONTAINERS	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	HELP		
55 Gal Drum 9.2 CuFt	27	27	46	27	27				→	30	46	41	27	27	27	100																↑	
85 GAL DRUM 12.1 CuFt	0																															↑	
4 X 8 Box Skids 3 CuFt	0																															↑	
4 X 4 X 8 Box W/O Skids 128 CuFt	0																															↑	
4 X 4 X 8 Metal 128 CuFt	0																															↑	
SWB 73.4 CuFt	73	73	54	73	73				→	70	54	59	73	73	73	0																	↑
OTHER	0																															↑	
* TOTAL (0 or 100%)	100																															↑	

* Total for each year MUST equal 0 or 100%

Other - Indicate container type, external dimensions, and external volume (cuft, gal).

The containers listed above conform to the acceptance criteria in WHC-EP-0063-4 (Hanford Site Solid Waste Acceptance Criteria).

OTHER containers may be accepted.

Container Type and Volume %

STEP 1: CIRCLE WASTE CLASS

HAZARDOUS

ONLY

STEP 2:

STEP 3: Indicate Volume % of Waste Class Packaged in Identified Containers

CONTAINERS	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	HELD	
55 Gal Drum 9.2 CuFt	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	0																↑
30 GAL DRUM 4.4 CuFt	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0																↑
4 X 8 Box Skids 1 J CuFt																																
4 X 4 X 8 Box W/O Skids 128 CuFt																																
4 X 4 X 8 Metal 128 CuFt																																
OTHER	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	0																↑
* TOTAL (0 or 100%)																																

* Total for each year MUST equal 0 or 100%

Other - Indicate container type, external dimensions, and external volume (cuft, gal). 12-B-68, Fiberboard, 9" x 12" x 12" 0.75 ft³

The containers listed above conform to the acceptance criteria in WHC-EP-0063-4 (Hanford Site Solid Waste Acceptance Criteria).
 OTHER containers may be accepted.

Container Type and Volume %

STEP 3: Indicate Volume % of Waste Class Packaged in Identified Containers

CONTAINER TYPE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL (0 or 100%)
HAZARDOUS ONLY																															
55 Gal Drum 9.2 CuFt																															
30 GAL DRUM 4.4 CuFt																															
4 X 4 X 8 Box 13 CuFt																															
4 X 4 X 8 Box W/O Skids 128 CuFt																															
4 X 4 X 8 Metal 128 CuFt																															
OTHER	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	100														
TOTAL (0 or 100%)																															

Total for each year MUST equal 0 or 100%

Other: Indicate container type, external dimensions, and external volume (cuft, gal). DOT 37C, 5-gallon, 0.84 ft³
The containers listed above conform to the acceptance criteria in WHC-EP-0063-4 (Hanford Site Solid Waste Acceptance Criteria).
"OTHER" containers may be accepted.

Container Type and Volume %

TABLE 2 Page 4 of 4

WHC-SD-WM-PICD-006, REV 0

STEP 3: Indicate Volume % of Waste Class Packaged in Identified Containers

STEP 1: CIRCLE WASTE CLASS		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	FIELD
HAZARDOUS ONLY																																
CONTAINERS																																
55 Gal Drum 9.2 CuFt																																
30 GAL DRUM 4.4 CuFt																																
4' X 4' X 8' Box W/ Skids 143 CuFt																																
4' X 4' X 8' Box W/O Skids 128 CuFt																																
4' X 4' X 0 Metal 128 CuFt																																
OTHER		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0															
TOTAL (0 or 100%)																																

* Total for each year MUST equal 0 or 100%

Other - Indicate container type, external dimensions, and external volume (cuft, gal) DOT 17C, 15-gal/len, 2-5 ft³

The containers listed above conform to the acceptance criteria in WHC-EP-0063-4 (Hanford Site Solid Waste Acceptance Criteria).
OTHER containers may be accepted.

Container Type and Volume %

STEP 1: CIRCLE WASTE CLASS		HAZARDOUS ONLY		STEP 2:		CONTAINERS		1995	1996	1997	1990	1999 2
55 Gal Drum 9.2 CuFt												
30 GAL DRUM 4.4 CuFt												
4 X 4 X 8 Box Skids 3 CuFt												
1 X 4 X 8 Box W/O Skids 128 CuFt												
4 X 4 X 8 Metal 128 CuFt												
OTHER				5	5	5	5	5				5
*TOTAL (0 or 100%)								100				

• Total for each year MUST equal 0 or 100%

Other - Indicate container type, external dimensions, and external volume (cuft, gal). DOT 17C, 8'-ga/len, 1.3 ft³

The containers listed above conform to the acceptance criteria in WHC-EP-0063-4 (Hanford Site Solid Waste Acceptance Criteria). "OTHER" containers may be accepted.

	100
Total for Each Waste Class MUST Equal 0 or 100%	

• OTHER WASTE DESCRIPTION:

Physical Waste Forms/LLW & TRU

A separate Table 3 must be completed for each container, assembly or

STEP 3 Indicate Volume % of each Waste Form problem for each waste.

CHILLWI

(INCLUDE HEL
WASTE FORMS

WASTE FORMS

SHIELDING

TEALS

LEAD

CONCRETE

SANDISOL PROCESS RESIDUES

INORGANIC PARTICULATES

INORGANIC ABSORBED LIQ/SLUDGE

ORGANIC PARTICULATES

ORGANIC ABSORBED LIQ/SLUDGE

bills

4. CONTAMINATED SOILS

1. DEBRIS CONTAMINATED SOILS

DERRIS WASTE

METAL

INORGANIC NON-METAL

COMBUSTIBLE

HETEROGENEOUS

SPECIAL-WASTE

LAB BACKS/CONTAINERIZED LIQUIDS

UNKNOWN

OTHER:

TOTAL¹ (0 OR 100%)

1 Total for Each Waste Class MUST Equal 0 or 100%

• **OTHER WASTE DESCRIPTION:**

STEP 1 CONTAINER TYPE <u>B-25</u>		Physical Waste Forms/LLW & TRU										STEP 4	
STEP 2 YEARS <u>2002</u> TO <u>---</u> (INCLUDE HELD IF APPLICABLE)		A separate Table 3 must be completed for each container identified in Table 2										Waste Forms Sogro-gated? Y/N	
WASTE FORMS		STEP 3 Indicate Volume % of each Waste Form present for each Waste Class											
		CH LLW	CH LLW	CH LLW	RH LLW	RH LLW	RH LLW	RH LLW	CH TRU	CH TRU	RH TRU		
		GTCIII			GTCIII			GTCIII					
SHIELDING													
STEEL													
LEAD													
CONCRETE													
SOLID PROCESS RESIDUES													
INORGANIC PARTICULATES													
INORGANIC ABSORBED LIQ/SLUDGE													
ORGANIC PARTICULATES													
ORGANIC ABSORBED LIQ/SLUDGE													
SOILS													
CONTAMINATED SOILS													
DEBRIS CONTAMINATED SOILS													
DEBRIS WASTE													
METAL													
INORGANIC NON-METAL													
COMBUSTIBLE													N
HETEROGENEOUS													N
SPECIAL WASTE													
LAB PACKS/CONTAINERIZED LIQUIDS													
UNKNOWN													
OTHER *													
TOTAL ¹ (0 OR 100%)													

¹ Total for Each Waste Class MUST Equal 0 or 100%

* OTHER WASTE DESCRIPTION :

STEP 1 CONTAINER TYPE <u>55-GALLON DRUM</u>		Physical Waste Forms/LLW & TRU										TABLE 3 page 1 of 1		STEP 4 Are Waste Forms Segregated? Y/N	
STEP 2 YEARS <u>1995</u> TO <u>2024</u> (INCLUDE HELD IF APPLICABLE)		A separate Table 3 must be completed for each container identified in Table 2													
WASTE FORMS		STEP 3 Indicate Volume % of each Waste Form present for each Waste Class													
		CH LLWI	CH LLWIII	CH LLW GTCIII	RH LLWI	RH LLWIII	RH LLW GTCIII	CH TRU	RH TRU	CH TRU	RH TRU				
SHIELDING															
STEEL															
LEAD															
CONCRETE															
SOLID PROCESS RESIDUES															
INORGANIC PARTICULATES															
INORGANIC ABSORBED LIQ/SLUDGE															
ORGANIC PARTICULATES															
ORGANIC ABSORBED LIQ/SLUDGE															
SOILS															
CONTAMINATED SOILS				10										N	
DEBRIS CONTAMINATED SOILS															
DEBRIS WASTE															
METAL				10										N	
INORGANIC NON-METAL														/	
COMBUSTIBLE				70										N	
HETEROGENEOUS				10										N	
SPECIAL WASTE															
LAB PACKS/CONTAINERIZED LIQUIDS															
UNKNOWN															
OTHER *															
TOTAL ¹ (0 OR 100%)				100											

¹ Total for Each Waste Class MUST Equal 0 or 100%

* OTHER WASTE DESCRIPTION: _____

STEP 1 CONTAINER TYPE <u>4x4x8 Metal</u>		Physical Waste Forms/LLW & TRU							TABLE 3 page 1 of 1		STEP 4 Aro Waste Forms Sagro- galod? Y/N	
STEP 2 YEARS <u>1995</u> TO <u> </u> (INCLUDE HELD IF APPLICABLE)		A separate Table 3 must be completed for each container identified in Table 2										
WASTE FORMS		STEP 3 Indicate Volume % of each Waste Form present for each Waste Class										
		CH LLW ¹	CH LLW ¹	CH LLW ¹	CH LLW ¹	CH LLW ¹	CH LLW ¹	CH LLW ¹	CH LLW ¹	CH LLW ¹	CH LLW ¹	CH LLW ¹
		GTCIII	GTCIII	GTCIII	GTCIII	GTCIII	GTCIII	GTCIII	GTCIII	GTCIII	GTCIII	GTCIII
SHIELDING												
STEEL												
LEAD												
CONCRETE												
SOLID PROCESS RESIDUES												
INORGANIC PARTICULATES												
INORGANIC ABSORBED LIQ/SLUDGE												
ORGANIC PARTICULATES												
ORGANIC ABSORBED LIQ/SLUDGE												
SOILS												
CONTAMINATED SOILS												
DEBRIS CONTAMINATED SOILS												
DEBRIS WASTE												
METAL												N
INORGANIC NON-METAL												
COMBUSTIBLE												N
HETEROGENEOUS												
SPECIAL WASTE												
LAB PACKS/CONTAINERIZED LIQUIDS												
UNKNOWN												
OTHER *												
TOTAL ¹ (0 OR 100%)												

¹ Total for Each Waste Class MUST Equal 0 or 100%

* OTHER WASTE DESCRIPTION : _____

TABLE 3 page 1 of 1

STEP 4
Aro
Waslo
Forms
Sogro-
gated?
Y/N

Physical Waste Forms/LLW & TRU

A separate Table 3 must be completed for each container identified in Table 2

STEP 3 Indicate Volume % of each Waste Form present for each Waste Class

STEP 1 CONTAINER TYPE B-25 TO —

(INCLUDE HELD IF APPLICABLE)

WASTE FORMS

CH LLWI CH LLWIII CH LLW GTCIII

RH LLWIII RH LLWI RH LLW GTCIII

CH TRU

RH TRU

SHIELDING

STEEL

LEAD

CONCRETE

SOLID PROCESS RESIDUES

INORGANIC PARTICULATES

INORGANIC ABSORBED LIQ/SLUDGE

ORGANIC PARTICULATES

ORGANIC ABSORBED LIQ/SLUDGE

SOILS

CONTAMINATED SOILS

DEBRIS CONTAMINATED SOILS

DEBRIS/WASTE

METAL

INORGANIC NON-METAL

COMBUSTIBLE

HETEROGENEOUS

SPECIAL WASTE

LAB PACKS/CONTAINERIZED LIQUIDS

UNKNOWN

OTHER *

TOTAL¹ (0 OR 100%)¹ Total for Each Waste Class MUST Equal 0 or 100%

* OTHER WASTE DESCRIPTION:

STEP 1 CONTAINER TYPE		Physical Waste Forms/LLW & TRU										STEP 4	
TYPE 55-Gallon Drum		A separate Table 3 must be completed for each container identified in Table 2										Are Waste Forms Segregated? Y/N	
STEP 2 YEARS 1995 TO 2024 (INCLUDE FIELD IF APPLICABLE)		STEP 3 Indicate Volume % of each Waste Form present for each Waste Class											
WASTE FORMS		CH LLWI	CH LLWIII	CH LLW	CH LLWIII	CH LLW	CH LLWIII	CH LLW	CH LLWIII	CH LLW	CH LLWIII	CH LLW	CH LLWIII
SHIELDING		GTCIII											
STEEL													
LEAD													
CONCRETE													
SOLID PROCESS RESIDUES													
INORGANIC PARTICULATES													
INORGANIC ADSORBED LIQ/SLUDGE													
ORGANIC PARTICULATES													
ORGANIC ADSORBED LIQ/SLUDGE													
SOILS													
CONTAMINATED SOILS													
DEBRIS CONTAMINATED SOILS													
DEBRIS/WASTE													
METAL													
INORGANIC NON-METAL													
COMBUSTIBLE													
HETEROGENEOUS													
SPECIAL WASTE													
LAB PACKS/CONTAINERIZED LIQUIDS													
UNKNOWN													
OTHER *													
TOTAL ¹ (0 OR 100%)													

¹ Total for Each Waste Class MUST Equal 0 or 100%

* OTHER WASTE DESCRIPTION:

STEP 1 CONTAINER TYPE <u>SWB</u>		Physical Waste Forms/LLW & TRU										STEP 4 Are Waste Forms Segregated? Y/N	
STEP 2 YEARS <u>1995</u> TO <u>2024</u> (INCLUDE HELD IF APPLICABLE)		A separate Table 3 must be completed for each container identified in Table 2											
WASTE FORMS		STEP 3 Indicate Volume % of each Waste Form present for each Waste Class											
		CH LLW	CH LLWIII	CH LLW GTCIII	RH LLW	RH LLWIII	RH LLW GTCIII	CH TRU	RH TRU				
SHIELDING													
STEEL													
LEAD													
CONCRETE													
SOLID PROCESS RESIDUES													
INORGANIC PARTICULATES													
INORGANIC ABSORBED LIQ/SLUDGE													
ORGANIC PARTICULATES													
ORGANIC ABSORBED LIQ/SLUDGE													
SOILS													
CONTAMINATED SOILS													
DEBRIS CONTAMINATED SOILS													
DEBRIS WASTE													
METAL		60											
INORGANIC NON-METAL													
COMBUSTIBLE		40											
HETEROGENEOUS													
SPECIAL WASTE													
LAB PACKS/CONTAINERIZED LIQUIDS													
UNKNOWN													
OTHER *													
TOTAL ¹ (0 OR 100%)		100											

¹ Total for Each Waste Class MUST Equal 0 or 100%

* OTHER WASTE DESCRIPTION :

STEP 1 WASTE CLASS CH-LLMW-1 Waste Forms & Hazardous Constituents Mixed/Hazardous Only **TABLE 4** page 1 of 2

STEP 2 CONTAINER TYPE 55 GALLON DRUM

STEP 3 YEARS 1995 TO 2024

(INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

WASTE FORMS

EPA/RCRA										WAC		STEP 6 -Are Waste Forms Segregated? Y/N
A	B	C	D	E	F	G	H	J				
IGN. D001	CORR. D002	REAC. D003	* MET. (Metals)	MHG. (Mercury) D009	* ORG.	WT WP WC	PCB W001	PCB W001				
* See Appendix A:												
MET - Tables A - 9 thru A - 11												
ORG - Tables A - 1 thru A - 8												

SHIELDING													< 50 ppm		> 50 ppm	
%	STEEL															
	LEAD															
	CONCRETE															
SOLID PROCESS RESIDUES																
	INORGANIC PARTICULATES															
	INORGANIC ABSORBED LIQUID/SLUDGES															
	SALT WASTE															
	ORGANIC PARTICULATES															
	ORGANIC ABSORBED LIQ/SLUDG															
SOILS																
	CONTAMINATED SOILS															
	DEBRIS CONTAMINATED SOILS															

A-48

NOTE: Waste Form % should be totaled on Table 4 Page 2 of 2 and MUST equal 100%

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

TABLE 4 page 2 of 2

TABLE 4 page 2 of 2

A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 5 EPA/RCRAWAC indicalo percent present for each waste form

EPA / BCRA WAC

9 dals

(INCLUDE HELD IF APPLICABLE)

STEP 4
INDICATE BELOW THE VOLUME % OF
WASTE FORM IN CONTAINER
IDENTIFIED IN STEP 2

WASTE FORMS

STEP 3 YEARS 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)										STEP 6 Aro Waslo Forms Sagro- gated? Y/N
STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2										
WASTE FORMS										
DEBRIS WASTES										< 60 ppm > 60 ppm
METAL										
INORGANIC NON-METAL										
COMBUSTIBLE										
HETEROGENEOUS										Y
SPECIAL WASTES										
LABPACKS/CONTAINERIZED LIQ.										Y
REACTIVE METALS										
EXPLOSIVES/PROPELLENTS										
INHERENTLY HAZARDOUS WASTE										
ELEMENTAL MERCURY										
ELEMENTAL LEAD										Y
BERYLLIUM WASTE										
BATTERIES										
UNKNOWN										
OTHER *										
100%										

• **OTHER WASTE DESCRIPTION:**

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

TABLE 4 page 1 of 2

A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 5 EPA/RCRA/WAC indicate percent present for each waste form

EPA / RCRA

WAC

STEP 6

Are Waste Forms Segregated? Y/N

A	B	C	D	E	F	G	H	J
IGN. D001	CORR. D002	REAC. D003	*MET. (Metals)	MHG. (Mercury) D009	* ORG. D065	WT WP WC	PCB W001	PCB W001
* See Appendix A: MET - Tables A - 9 thru A - 11 ORG - Tables A - 1 thru A - 8								

WASTE FORMS

%	SHIELDING	< 50 ppm > 50 ppm						
	STEEL							
	LEAD							
	CONCRETE							

SOLID PROCESS RESIDUES

	INORGANIC PARTICULATES							
	INORGANIC ABSORBED LIQUID/SLUDGES							
	SALT WASTE							
	ORGANIC PARTICULATES							
	ORGANIC ABSORBED LIQ/SLUDG							

SOILS

	CONTAMINATED SOILS							
	DEBRIS CONTAMINATED SOILS							

NOTE: Waste Form % should be totaled on Table 4 Page 2 of 2 and MUST equal 100%

TABLE 4 page 2 of 2

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 1 WASTE CLASS

CH-LLMN-III

STEP 2 CONTAINER TYPE

55-G-11en Drums

STEP 3 YEARS 1995 TO 2024

(INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

STEP 6

Are Waste Forms Segregated? Y/N

WAC

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D003

• CORR. D002

• IGN. D001

• See Appendix A:

MET - Tables A - 9 thru A - 11

ORG - Tables A - 1 thru A - 8

PCB W001

PCB W001

WT WP WC

• ORG.

• MET. (Mercury) D009 P065 P092 U151

• MET. (Metals) D

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

TABLE 4 page 1 of 2

STEP 1 WASTE CLASS CH-11 MW-HI

STEP 2 CONTAINER TYPE B-25

A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 5 EPA/RCRA/WAC indicate percent present for each waste form

STEP 3 YEARS 1995 TO (INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

WASTE FORMS

% SHIELDING											< 60 ppm	> 60 ppm
	STEEL											
	LEAD											
	CONCRETE											
SOLID PROCESS RESIDUES												
	INORGANIC PARTICULATES											
	INORGANIC ABSORBED LIQUID/SLUDGES											
	SALT WASTE											
	ORGANIC PARTICULATES											
	ORGANIC ABSORBED LIQ/SLUDG											
SOILS												
	CONTAMINATED SOILS											
	DEBRIS CONTAMINATED SOILS											

A-52

Waste Forms & Hazardous Constituents Mixed/Hazardous Only **TABLE 4** page 2 of 2

STEP 1 WASTE CLASS CH-LLMM-11

STEP 2 CONTAINER TYPE B-2.5 TO

STEP 3 YEARS 1995 (INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 5 EPA/RCRAWAC indicate percent present for each waste form

STEP 6 Are Waste Forms Segregated? Y/N

EPA/RCRA										WAC	
A	B	C	D	E	F	G	H	J			
IGN. D001	CORR. D002	REAC. D003	*MET. (Metals)	MHG. (Mercury) D009	*ORG. P065	WT WP WC	PCB W001	PCB W001			
* See Appendix A: MET - Tables A - 9 thru A - 11 ORG - Tables A - 1 thru A - 8										≤ 50 ppm > 50 ppm	
WASTE FORMS											
% DEBRIS WASTES											
METAL											
INORGANIC NON-METAL											
COMBUSTIBLE											
HETEROGENEOUS											
SPECIAL WASTES											
LABPACKS/CONTAINERIZED LIQ.											
REACTIVE METALS											
EXPLOSIVES/PROPELLENTS											
INHERENTLY HAZARDOUS WASTE											
ELEMENTAL MERCURY											
ELEMENTAL LEAD											
BERYLLIUM WASTE											
BATTERIES											
UNKNOWN											
OTHER											
100%											

• OTHER WASTE DISCRIPTION: _____

STEP 1 WASTE CLASS CH-TRUM Waste Forms & Hazardous Constituents Mixed/Hazardous Only **TABLE 4** page 1 of 2

STEP 2 CONTAINER TYPE 55-GALLON DRUM A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 3 YEARS 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

STEP 6 EPA / RCRA WAC

A	B	C	D	E	F	G	H	J	STEP 6
IGN. D001	CORR. D002	REAC. D003	* MET. (Metals)	MHG. (Mercury) D009	* ORG. D065	WT WP WC	PCB W001	PCB W001	Waste Forms Segregated? Y/N
* See Appendix A:									
MET - Tables A - 9 thru A - 11									
ORG - Tables A - 1 thru A - 8									

SHIELDING										< 50 ppm										> 50 ppm										
%	STEEL																													
	LEAD																													
	CONCRETE																													
SOLID PROCESS RESIDUES																														
	INORGANIC PARTICULATES																													
	INORGANIC ABSORBED LIQUID/SLUDGES																													
	SALT WASTE																													
	ORGANIC PARTICULATES																													
	ORGANIC ABSORBED LIQ/SLUDG																													
SOILS																														
	CONTAMINATED SOILS																													
	DEBRIS CONTAMINATED SOILS																													

NOTE: Waste Form % should be totaled on Table 4 Page 2 of 2 and MUST equal 100%

STEP 1 WASTE CLASS CH- TRUM WASTE FORMS & Hazardous Constituents Mixed/Hazardous Only **TABLE 4** page 1 of 2

STEP 2 CONTAINER TYPE SWB A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 3 YEARS 1995 TO 2004 STEP 5 EPA/RCRA/WAC indicate percent present for each waste form

(INCLUDE FIELD IF APPLICABLE) 11/10/14

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

EPA/RCRA WAC

A	B	C	D	E	F	G	H	J	STEP 6 Waste Forms Sagro- gated? Y/N
IGN. D001	CORR. D002	REAC. D003	* MET. (Metals)	MHG. (Mercury) D009 P065 P092 U151	* ORG.	WT WP WC	PCB W001	PCB W001	
* See Appendix A:									
MET - Tables A - 9 thru A - 11									
ORG - Tables A - 1 thru A - 8									

WASTE FORMS	A	B	C	D	E	F	G	H	J	STEP 6 Waste Forms Sagro- gated? Y/N
SHIELDING										
STEEL										
LEAD										
CONCRETE										
SOLID PROCESS RESIDUES										
INORGANIC PARTICULATES										
INORGANIC ABSORBED LIQUID/SLUDGES										
SALT WASTE										
ORGANIC PARTICULATES										
ORGANIC ABSORBED LIQ/SLUDG										
SOILS										
CONTAMINATED SOILS										
DEBRIS CONTAMINATED SOILS										

NOTE: Waste Form % should be totaled on Table 4 Page 2 of 2 and MUST equal 100%

TABLE 4 page 2 of 2

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 5 EPA/RCRA/WAC indicate percent present for each waste form

WAC

STEP 6

Aro

Waste

Forms

Sogro-

gated?

Y/N

A	B	C	D	E	F	G	H	J
IGN. D001	CORR. D002	REAC. D003	* MET. (Metals)	MHG. (Mercury) D009 P065 P092 U151	* ORG.	WT WP WC	PCB W001	PCB W001
* See Appendix A:								
MET - Tables A - 9 thru A - 11								
ORG - Tables A - 1 thru A - 8								

WASTE FORMS

DEBRIS WASTES

METAL

INORGANIC NON-METAL

COMBUSTIBLE

HETEROGENEOUS

SPECIAL WASTES

LABPACKS/CONTAINERIZED LIQ.

REACTIVE METALS

EXPLOSIVES/PROPELLENTS

INHERENTLY HAZARDOUS WASTE

ELEMENTAL MERCURY

ELEMENTAL LEAD

BERYLLIUM WASTE

BATTERIES

UNKNOWN

OTHER *

100%

* OTHER WASTE DESCRIPTION:

STEP 1 WASTE CLASS HAZARDOUS Waste Forms & Hazardous Constituents Mixed/Hazardous Only **TABLE 4** page 1 of 2

STEP 2 CONTAINER TYPE 55-GALLON DRUM A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 3 YEARS 1995 TO 2004 STEP 5 EPA/RCRA/WAC indicate percent present for each waste form

(INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

WASTE FORMS

EPA/RCRA										WAC		STEP 6
A	B	C	D	E	F	G	H	J				
IGN. D001	CORR. D002	REAC. D003	*MET. (Metals)	MHG. (Mercury) D009	*ORG.	WT WP WC	PCB W001	PCB W001			Waste Forms Segregated? Y/N	
* See Appendix A:												
MET - Tables A - 9 thru A - 11												
ORG - Tables A - 1 thru A - 8												

SHIELDING												< 50 ppm		> 50 ppm			
	STEEL																
	LEAD																
	CONCRETE																
SOLID PROCESS RESIDUES																	
	INORGANIC PARTICULATES																
	INORGANIC ABSORBED LIQUID/SLUDGES																
	SALT WASTE																
	ORGANIC PARTICULATES																
53	ORGANIC ABSORBED LIQ/SLUDG										100	100	100			Y	
SOILS																	
	CONTAMINATED SOILS																
	DEBRIS CONTAMINATED SOILS																

NOTE: Waste Form % should be totaled on Table 4 Page 2 of 2 and MUST equal 100%

TABLE 4 page 2 of 2

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

STEP 1 WASTE CLASS HAZARDOUS STEP 2 CONTAINER TYPE 55-GALLON DRUM STEP 3 YEARS 1995 TO 2004 (INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

STEP 5 EPA/RCRA/WAC indicate percent present for each waste form

STEP 6 Aro Wasto Forms Sogro-galad? Y/N

WAC

EPA/RCRA

A B C D E F G H J

IGN. D001 CORR. D002 REAC. D003 *MET. (Metals) MHG. (Mercury) D009 P065 P092 U151 * ORG. WT WP WC PCB W001 PCB W001

* See Appendix A: MET - Tables A - 9 thru A - 11 ORG - Tables A - 1 thru A - 8

WASTE FORMS

DEBRIS WASTES

METAL

INORGANIC NON-METAL

COMBUSTIBLE

HETEROGENEOUS

SPECIAL WASTES

LAPACKS/CONTAINERIZED LIQ.

REACTIVE METALS

EXPLOSIVES/PROPELLENTS

INHERENTLY HAZARDOUS WASTE

ELEMENTAL MERCURY

ELEMENTAL LEAD

BERYLLIUM WASTE

BATTERIES

UNKNOWN

OTHER

100%

OTHER WASTE DESCRIPTION:

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

TABLE 4 page 1 of 2

A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 5 EPA/RCRA/WAC indicate percent present for each waste form

STEP 6

WAC

EPA/RCRA

WASTE FORMS

WASTE FORMS

WASTE FORMS

WASTE FORMS

WASTE FORMS

WASTE FORMS

WASTE FORMS

WASTE FORMS

WASTE FORMS

WASTE FORMS

WASTE FORMS

WASTE FORMS

WASTE FORMS

(INCLUDE HELD IF APPLICABLE)														STEP 1 Waste Forms Sogro- galod? Y/N
STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2				WASTE FORMS										J
A	B	C	D	E	F	G	H							J
IGN. D001	CORR. D002	REAC. D003	* MET. (Metals)	MHG. (Mercury) D009 P065 P092 U151	* ORG.	WT WP WC	PCB W001							PCB W001
* See Appendix A:														
MET - Tablos A - 9 thru A - 11														
ORG - Tablos A - 1 thru A - 8														
WASTE FORMS														
SHIELDING														<50 ppm
STEEL														
LEAD														
CONCRETE														
SOLID PROCESS RESIDUES														
INORGANIC PARTICULATES														
INORGANIC ADSORBED LIQUID/SLUDGES														
SALT WASTE														
ORGANIC PARTICULATES														
ORGANIC ADSORBED LIQ/SLUDG														
SOILS														
CONTAMINATED SOILS														
DEBRIS CONTAMINATED SOILS														

NOTE: Waste Form % should be totaled on Table 4 Page 2 of 2 and MUST equal 100%

TABLE 4 page 2 of 2

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 1 WASTE CLASS HAZARDOUS STEP 2 CONTAINER TYPE 30-GALLON DRUM STEP 3 YEARS 1995 TO 2000 (INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

STEP 5 EPA/RCRA/WAC Indicate percent present for each waste form

STEP 6 Aro Wasto Forms Sogro-galod? Y/N

EPA/RCRA										WAC	
A	B	C	D	E	F	G	H	J			
IGN. D001	CORR. D002	REAC. D003	*MET. (Metals)	MHG. (Mercury) D009	*ORG. D005	WT WP WC	PCB W001	PCB W001			
* See Appendix A: MET - Tables A - 9 thru A - 11 ORG - Tables A - 1 thru A - 8											
50 ppm > 50 ppm											
WASTE FORMS											
DEBRIS WASTES											
METAL											
INORGANIC NON-METAL											
COMBUSTIBLE											
HETEROGENEOUS											
SPECIAL WASTES											
LADPACKS/CONTAINERIZED LIQ.	100										
REACTIVE METALS											
EXPLOSIVES/PROPELLENTS											
INHERENTLY HAZARDOUS WASTE											
ELEMENTAL MERCURY											
ELEMENTAL LEAD											
BERYLLIUM WASTE											
BATTERIES											
UNKNOWN											
OTHER											
100%											

• OTHER WASTE DESCRIPTION:

STEP 1 WASTE CLASS HAZARDOUS Waste Forms & Hazardous Constituents Mixed/Hazardous Only **TABLE 4** page 1 of 2

STEP 2 CONTAINER TYPE 12-B-65, 9X12X12" A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 3 YEARS 1995 TO 2007 EPA/RCRA/WAC indicate percent present for each waste form

(INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

STEP 3 YEARS 1995 TO 2004 EPA 11/19/94											
(INCLUDE HELD IF APPLICABLE)											
STEP 4											
INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2											
WASTE FORMS											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											
Aro Waste Forms Sogro-galod? Y/N											
EPA/RCRA											
WAC											
STEP 6											

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

TABLE 4 page 1 of 2

WASTE CLASS HAZARDOUSSTEP 2 CONTAINER TYPE 5-GALLON DRUMSTEP 3 YEARS 1995 TO 2009
(INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

A separate Table 4 must be completed for each waste class and container type identified in Table 2.
STEP 5 EPA/RCRA/WAC indicate percent present for each waste form

		EPA/RCRA										WAC		STEP 6
		A	B	C	D	E	F	G	H	J			Are Waste Forms Segregated? Y/N	
		IGN. D001	CORR. D002	REAC. D003	*MET. (Metals)	MHG. (Mercury) D009	*ORG.	WT WP WC	PCB W001	PCB W001				
		* See Appendix A: MET - Tables A - 9 thru A - 11 ORG - Tables A - 1 thru A - 8												
WASTE FORMS														
% SHIELDING														
STEEL														
LEAD														
CONCRETE														
SOLID PROCESS RESIDUES														
INORGANIC PARTICULATES														
INORGANIC ABSORBED LIQUID/SLUDGES		100												
SALT WASTE														
ORGANIC PARTICULATES														
ORGANIC ABSORBED LIQ/SLUDG														
SOILS														
CONTAMINATED SOILS														
DEBRIS CONTAMINATED SOILS														

NOTE: Waste Form % should be totaled on Table 4 Page 2 of 2 and MUST equal 100%

TABLE 4 page 2 of 2

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 5 EPA/RCRA/WAC Indicate percent present for each waste form

EPA/RCRA

WAC

STEP 1 WASTE CLASS	STEP 2 CONTAINER TYPE	STEP 3 YEARS	STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2	STEP 5 EPA/RCRA/WAC Indicate percent present for each waste form										STEP 6 Are Waste Forms Segregated? Y/N
				A	B	C	D	E	F	G	H	J		
				IGN. D001	CORR. D002	REAC. D003	* MET. (Metals)	MHG. (Mercury) D009	* ORG. D009	WT WP WC	PCB W001	PCB W001	PCB W001	
WASTE FORMS														
DEBRIS WASTES														
METAL														100
INORGANIC NON-METAL														
COMBUSTIBLE														
HETEROGENEOUS														
SPECIAL WASTES														
LADPACKS/CONTAINERIZED LIQ.				0, F, G	33	6	7			1, D, G	17	4, D, P, F	100	
REACTIVE METALS														
EXPLOSIVES/PROPELLENTS														
INHERENTLY HAZARDOUS WASTE														
ELEMENTAL MERCURY														
ELEMENTAL LEAD														
BERYLLIUM WASTE														
BATTERIES														100
UNKNOWN														
OTHER *														
100%														

* OTHER WASTE DESCRIPTION:

STEP 2 CONTAINER TYPE 5-GALLON DRUM A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 3 YEARS 2010 TO 2024 STEP 5 EPA/RCRA/WAC indicate percent present for each waste form

(INCLUDE HELD IF APPLICABLE) EPA/RCRA WAC

A	B	C	D	E	F	G	H	J	STEP 6
IGN. D001	CORR. D002	REAC. D003	*MET. (Metals)	MHG. (Mercury) D009	*ORG.	WT WP WC	PCB W001	PCB W001	Waste Forms Segregated? Y/N
* See Appendix A:									
MET - Tables A - 9 thru A - 11									
ORG - Tables A - 1 thru A - 8									

WASTE FORMS	< 50 ppm > 50 ppm								
% SHIELDING									
STEEL									
LEAD									
CONCRETE									
SOLID PROCESS RESIDUES									
INORGANIC PARTICULATES									
INORGANIC ABSORBED LIQUID/SLUDGES									
SALT WASTE									
ORGANIC PARTICULATES									
ORGANIC ABSORBED LIQ/SLUDG									
SOILS									
CONTAMINATED SOILS									
DEBRIS CONTAMINATED SOILS									

NOTE: Waste Form % should be totaled on Table 4 Page 2 of 2 and MUST equal 100%

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

TABLE 4 page 2 of 2
A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 1 WASTE CLASS		STEP 2 CONTAINER TYPE		STEP 3 YEARS		STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2		STEP 5 EPA/RCRA WAC										STEP 6									
HAZARDOUS		5-GAL DRUM		2013-2014		(INCLUDE HERE IF APPLICABLE)		EPA/RCRA										Aro Wastes Sogro-gated? Y/N									
								A		B		C		D		E		F		G		H		J			
								IGN. D001		CORR. D002		REAC. D003		* MET. (Metals)		MHG. (Mercury) D009 P065 P092 U151		* ORG.		WT WP WC		PCB W001		PCB W001			
								* See Appendix A: MET - Tables A - 9 thru A - 11 ORG - Tables A - 1 thru A - 8																			
WASTE FORMS																											
DEBRIS WASTES																											
METAL																											
INORGANIC NON-METAL																											
COMBUSTIBLE																											
HETEROGENEOUS																											
SPECIAL WASTES																											
LABPACKS/CONTAINERIZED LIQ.																											
REACTIVE METALS																											
EXPLOSIVES/PROPELLENTS																											
INHERENTLY HAZARDOUS WASTE																											
ELEMENTAL MERCURY																											
ELEMENTAL LEAD																											
BERYLLIUM WASTE																											
BATTERIES																											
UNKNOWN																											
OTHER																											
100%																											

OTHER WASTE DESCRIPTION:

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

TABLE 4 page 1 of 2

STEP 1 WASTE

CLASS HAZARDOUS

STEP 2 CONTAINER

TYPE 15-GALLON DOT 17 C

STEP 3 YEARS 1995 TO ~~2007~~ 11/10/94
2009 EAB
SAS 6002

(INCLUDE HELD IF APPLICABLE)

STEP 4

INDICATE BELOW THE VOLUME % OF
WASTE FORM IN CONTAINER
IDENTIFIED IN STEP 2

WASTE FORMS

ЧУВА

WILLIAM

STEP 6

•Argo

Waslo

Forms

Sogro-

1/1/1

三

A	B	C	D	E	F	G	H	J
IGN. D001	CORR. D002	REAC. D003	* MET. (Metals)	MHG. (Mercury) D009 P065 P092 U151	* ORG.	WT WP WC	PCB W001	PCB W001
* See Appendix A: MET - Tables A - 9 thru A - 11 ORG - Tables A - 1 thru A - 8								

$< 50 \text{ ppm}$ $\geq 50 \text{ ppm}$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

[illegible]

[illegible]

 

STEP 1 WASTE CLASS HAZARDOUS

STEP 2 CONTAINER TYPE 8-GALLEN PET 176

STEP 3 YEARS 1995 TO 2024

(INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

A separate Table 4 must be completed for each waste class and container type identified in Table 2.
STEP 5 EPA/RCRA/WAC indicate percent present for each waste form

EPA/RCRA										WAC		STEP 6 •Aro Waste Forms Segro- gated? Y/N
A	B	C	D	E	F	G	H	J				
IGN. D001	CORR. D002	REAC. D003	*MET. (Metals)	MHG. (Mercury) D009 P065 P092 U151	* ORG.	WT WP WC	PCB W001	PCB W001				
• See Appendix A:												
MET - Tables A - 9 thru A - 11												
ORG - Tables A - 1 thru A - 8												
WASTE FORMS												
% SHIELDING										< 60 ppm > 60 ppm		
STEEL												
LEAD												
CONCRETE												
SOLID PROCESS RESIDUES												
INORGANIC PARTICULATES												
INORGANIC ABSORBED LIQUID/SLUDGES												
SALT WASTE												
ORGANIC PARTICULATES												
ORGANIC ABSORBED LIQ/SLUDG												
SOILS												
CONTAMINATED SOILS												
DEBRIS CONTAMINATED SOILS												

NOTE: Waste Form % should be totaled on Table 4 Page 2 of 2 and MUST equal 100%

Waste Forms & Hazardous Constituents Mixed/Hazardous Only

TABLE 4 page 2 of 2

A separate Table 4 must be completed for each waste class and container type identified in Table 2.

STEP 1 WASTE CLASS

HAZARDOUS

STEP 2 CONTAINER TYPE

8-GALLON DOT 17 C

STEP 3 YEARS 1995 TO 2024

(INCLUDE HELD IF APPLICABLE)

STEP 4 INDICATE BELOW THE VOLUME % OF WASTE FORM IN CONTAINER IDENTIFIED IN STEP 2

WAC

EPA/RCRA

STEP 6

A	B	C	D	E	F	G	H	J	STEP 6 Aro Waste Forms Sagro- galad? Y/N
IGN. D001	CORR. D002	REAC. D003	* MET. (Metals)	MHG. (Mercury) D009 P065 P092 U151	* ORG.	WT WP WC	PCB W001	PCB W001	
* See Appendix A:									
MET - Tables A - 9 thru A - 11									
ORG - Tables A - 1 thru A - 8									
WASTE FORMS									
DEBRIS WASTES									
METAL									
INORGANIC NON-METAL									
COMBUSTIBLE									
HETEROGENEOUS									
SPECIAL WASTES									
LABPACKS/CONTAINERIZED LIQ.									
REACTIVE METALS									
EXPLOSIVES/PROPELLENTS									
INHERENTLY HAZARDOUS WASTE									
ELEMENTAL MERCURY									
ELEMENTAL LEAD									
BERYLLIUM WASTE									
BATTERIES									
UNKNOWN									
OTHER *									
100%									

* OTHER WASTE DESCRIPTION:

Radiation Type

WASTE CLASS: LLW-1
 CONTAINER TYPE: 55 Gal Drum
 YEARS 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
 RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA						Uranium/ Neptunium				Pu/Am				Radionuclide (14C, 3H, I, Rn, Kr, Xe)				Selenium		Technetium 99	
	CONC. C/m ³	TOTAL ACT Curies	CONC. C/m ³	TOTAL ACT Curies	CONC. C/m ³	TOTAL ACT Curies	CONC. C/m ³	TOTAL ACT Curies	CONC. C/m ³	TOTAL ACT Curies	CONC. C/m ³	TOTAL ACT Curies	CONC. C/m ³	TOTAL ACT Curies	CONC. C/m ³	TOTAL ACT Curies	CONC. C/m ³	TOTAL ACT Curies	CONC. C/m ³	TOTAL ACT Curies	CONC. C/m ³	TOTAL ACT Curies
SHIELDING																						
STEEL																						
LEAD																						
CONCRETE																						
SOLID PROCESS RESIDUES																						
ORGANIC PARTICULATES																						
INORGANIC ABSORBED LIQUID/SLUDGES																						
SALT WASTE																						
ORGANIC PARTICULATES																						
ORGANIC ABSORBED LIQ/SLUDGE																						
SOILS																						
CONTAMINATED SOILS																						
DEBRIS CONTAMINATED SOILS																						

WHC-SD-WM-PICD-006, REV 0

Radiation Type

WASTE CLASS: CH₂LLW-1
 CONTAINER TYPE: 55 Gall Drum

YEAR 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
 RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA CONC. TOTAL ACT C/m ³ (CURIES)	Uranium/ Neptunium CONC. TOTAL ACT C/m ³ (CURIES)	Pu/Am CONC. TOTAL ACT C/m ³ (CURIES)	Radionuclide Volatiles (¹⁴ C, ³ H, I, Rn, Kr, Xe)	Selenium CONC. TOTAL ACT C/m ³ (CURIES)	Technetium 99 CONC. TOTAL ACT C/m ³ (CURIES)
DEBRIS WASTES						
METAL						
INORGANIC NON-METAL						
COMBUSTIBLE			1.5 E-9	3 DE-9		
INTERGEOGENEOUS			1.5 E-9	02 E-9		
SPECIAL WASTES						
LABPACKS/CONTAINERIZED LIQ.						
REACTIVE METALS						
EXPLOSIVES/PROPELLENTS						
INHERENTLY HAZARDOUS WASTE						
ELEMENTAL MERCURY						
ELEMENTAL LEAD						
BERYLLIUM WASTE						
BATTERIES						
UNKNOWN						
OTHER						

OTHER WASTE DESCRIPTION: _____

WASTE CLASS: CH LLW-1

CONTAINER TYPE: 4x4x8 Box (Plastic)

YEARS 1975 TO 2024 (INCLUDE HELD IF APPLICABLE)

Radiation Type

TABLE 5 page 1 of 2

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Radionuclides					
	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Volatiles (¹⁴ C, ³ H, I, In, Kr, Xe)	Solonium	Technetium 99
	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)
SHIELDING						
STEEL						
LEAD						
CONCRETE						
SOLID PROCESS RESIDUES						
INORGANIC PARTICULATES						
INORGANIC ABSORBED LIQUID/SLUDGES						
SALT WASTE						
ORGANIC PARTICULATES						
ORGANIC ABSORBED LIQ/SLUDGE						
SOILS						
CONTAMINATED SOILS						
DEBRIS CONTAMINATED SOILS						

Radiation Type

WASTE CLASS: C/L-LLW-1
 CONTAINER TYPE: 24 gallon 18" x 18"
 YEAR 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE										
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form										
WASTE FORMS	Fission Product BETA-GAMMA				Radionuclides Volatile				Technetium 99	
	CONC. (G/M ³)	TOTAL ACT. (CURIES)	CONC. (G/M ³)	TOTAL ACT. (CURIES)	CONC. (G/M ³)	TOTAL ACT. (CURIES)	CONC. (G/M ³)	TOTAL ACT. (CURIES)	CONC. (G/M ³)	TOTAL ACT. (CURIES)
DEBRIS/WASTES										
METAL										
INORGANIC NON-METAL										
COMBUSTIBLE										
HETEROGENEOUS										
SPECIAL WASTES										
LAPACKS/CONTAINERIZED LIQ.										
INACTIVE METALS										
EXPLOSIVES/PROPELLENTS										
INHERENTLY HAZARDOUS WASTE										
ELEMENTAL MERCURY										
ELEMENTAL LEAD										
BERYLLIUM WASTE										
BATTERIES										
UNKNOWN										
OTHER										

OTHER WASTE DESCRIPTION: _____

Radiation Type

WASTE CLASS: CLLW-1

CONTAINER TYPE: B-2.5

YEARS 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE

RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA		Uranium/ Neptunium		Pu/Am		Radionuclide (¹⁴ C, ³ H, ¹ I, ⁹⁰ Sr, ⁹⁰ Y, ¹³⁷ Cs, ¹³⁷ La, ¹³⁷ Ba, ¹³⁷ Xe)		Solonium		Technetium 99	
	CONC G/M ³	TOTAL ACT (CURIES)	CONC G/M ³	TOTAL ACT (CURIES)	CONC G/M ³	TOTAL ACT (CURIES)	CONC G/M ³	TOTAL ACT (CURIES)	CONC G/M ³	TOTAL ACT (CURIES)	CONC G/M ³	TOTAL ACT (CURIES)
SHIELDING												
STEEL												
LEAD												
CONCRETE												
SOLID PROCESS RESIDUES												
INORGANIC PARTICULATES												
INORGANIC ADSORBED LIQUID/SLUDGES												
SALT WASTE												
ORGANIC PARTICULATES												
ORGANIC ADSORBED LIQ/SLUDGE												
SOILS												
CONTAMINATED SOILS												
DEBRIS CONTAMINATED SOILS												

Radiation Type

WASTE CLASS: CH-2LM-1

CONTAINER TYPE: B-25

YEAR 1995 TO 2024
EX 2 11/10/94

(INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclides (¹⁴ C, ³ H, I, Rn, Kr, Xe)			Solonium	Technetium 99
	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)
DEBRIS WASTE								
METAL								
INORGANIC NON-METAL								
COMBUSTIBLE			0.12E-9	0.15E-9				
HETEROGENEOUS			0.12E-9	0.16E-9				
SPECIAL WASTES								
LAPACKS/CONTAINERIZED LIQ.								
REACTIVE METALS								
EXPLOSIVES/PROPELLENTS								
INHERENTLY HAZARDOUS WASTE								
ELEMENTAL MERCURY								
ELEMENTAL LEAD								
BERYLLIUM WASTE								
BATTERIES								
UNKNOWN								
OTHER								

OTHER WASTE DESCRIPTION:

WASTE CLASS: CH-LLW-IIICONTAINER TYPE: 55 Gal DrumYEAR 1995 TO 2024

(INCLUDE HELD IF APPLICABLE)

TABLE 5 page 2 of 2

Radiation Type

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Radionuclides						
	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclides (¹⁴ C, ³ H, I, Rn, Kr, Xe)	Selenium	Technetium 99	
	CONC. TOTAL ACT C/m ³	CONC. TOTAL ACT C/m ³	CONC. TOTAL ACT C/m ³	CONC. TOTAL ACT C/m ³	CONC. TOTAL ACT C/m ³	CONC. TOTAL ACT C/m ³	CONC. TOTAL ACT C/m ³
PEBRIS WASTES							
METAL			5.5 E ⁻³	1.2 E ⁻³			
INORGANIC NON-METAL							
COMBUSTIBLE			5.5 E ⁻³	1.2 E ⁻³			
HETEROGENEOUS			5.5 E ⁻³	1.2 E ⁻³			
SPECIAL WASTES							
LABPACKS/CONTAINERIZED LIQ.							
REACTIVE METALS							
EXPLOSIVES/PROPELLENTS							
INHERENTLY HAZARDOUS WASTE							
ELEMENTAL MERCURY							
ELEMENTAL LEAD							
BERYLLIUM WASTE							
BATTERIES							
UNKNOWN							
OTHER							

OTHER WASTE DESCRIPTION: _____

TABLE 5 page 1 of 2

Radiation Type

(INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclide (¹⁴ C, ³ H, I, Rn, Kr, Xe)			Selenium	Technetium 99
	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)
SHIELDING								
STEEL								
LEAD								
CONCRETE								
SOLID PROCESS RESIDUES								
ORGANIC PARTICULATES								
INORGANIC ABSORBED LIQUID/SLUDGES								
SALT WASTE								
ORGANIC PARTICULATES								
ORGANIC ABSORBED LIQ/SLUDGE								
SOILS								
CONTAMINATED SOILS								
DEBRIS CONTAMINATED SOILS								

WASTE CLASS: CH LLW-IIICONTAINER TYPE: 55 GAL DRUMYEARS 1995 TO 2024

WASTE CLASS: CH-LLW-III
 CONTAINER TYPE: 11x11x8 Box

Radiation Type

YEARS 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
 RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE																				
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form																				
WASTE FORMS	Volatiles																			
	Fission Product BETA-GAMMA		Uranium/ Neptunium		Pu/Am		Radionuclides (¹⁴ C, ³ H, I, Rn, Kr, Xe)		Solonium		Technetium 99									
	CONC G/m ³	TOTAL ACT (CURIES)	CONC G/m ³	TOTAL ACT (CURIES)	CONC G/m ³	TOTAL ACT (CURIES)	CONC G/m ³	TOTAL ACT (CURIES)	CONC G/m ³	TOTAL ACT (CURIES)	CONC G/m ³	TOTAL ACT (CURIES)	CONC G/m ³	TOTAL ACT (CURIES)	CONC G/m ³	TOTAL ACT (CURIES)	CONC G/m ³	TOTAL ACT (CURIES)	CONC G/m ³	TOTAL ACT (CURIES)
STEEL																				
LEAD																				
CONCRETE																				
ORGANIC PARTICULATES																				
INORGANIC ADSORBED LIQUID/SLUDGES																				
SALT WASTE																				
ORGANIC PARTICULATES																				
ORGANIC ADSORBED LIQ/SLUDGE																				
CONTAMINATED SOILS																				
DERRIS CONTAMINATED SOILS																				

Radiation Type

WASTE CLASS: CH-LLW III
 CONTAINER TYPE: Metal 4x4x8 Box
 YEAR 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE									
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form									
WASTE FORMS	Fission Product DETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclides					
				(¹⁴ C, ³ H, I, Rn, Kr, Xe)	Solonium		Technetium 99		
	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)
DEFINITIVE									
METAL			5.5 E-3	1.5 E-2					
INORGANIC NON-METAL									
COMBUSTIBLE			5.5 E-3	1.5 E-2					
HETEROGENEOUS									
SPECIAL WASTE									
LAPACKS/CONTAINERIZED LIQ.									
INACTIVE METALS									
EXPLOSIVES/PROPELLENTS									
INHERENTLY HAZARDOUS WASTE									
ELEMENTAL MERCURY									
ELEMENTAL LEAD									
INDYLLIUM WASTE									
BATTERIES									
UNKNOWN									
OTHER									

OTHER WASTE DESCRIPTION:

WASTE CLASS: C.H.-L.I.W.- III
CONTAINER TYPE: B-25

Radiation Type

YEARS 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE

RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Radionuclide						Technetium 99	
	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	(¹⁴ C, ³ H, I, Rn, Kr, Xe)	Selenium	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)
SHIELDING	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)
STEEL								
LEAD								
CONCRETE								
SOLID PROCESS RESIDUES								
ORGANIC PARTICULATES								
INORGANIC ABSORBED LIQUID/SLUDGES								
SALT WASTE								
ORGANIC PARTICULATES								
ORGANIC ADSORBED LIQ/SLUDGE								
SOILS								
CONTAMINATED SOILS								
DEBRIS CONTAMINATED SOILS								

Radiation Type

WASTE CLASS: CH-LLW-IIICONTAINER TYPE: B-25YEAR 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
 RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA CONC. TOTAL ACT. C/m ³ (CURIES)	Uranium/ Neptunium CONC. TOTAL ACT. C/m ³ (CURIES)	Pu/Am CONC. TOTAL ACT. C/m ³ (CURIES)	Radionuclide Volatiles (¹⁴ C, ³ H, I, Rn, Kr, Xe)	Selenium CONC. TOTAL ACT. C/m ³ (CURIES)	Technetium 99 CONC. TOTAL ACT. C/m ³ (CURIES)
DEBRIS WASTE						
METAL						
INORGANIC NON-METAL						
COMBUSTIBLE			5.5 E-3			
HETEROGENEOUS			1.4 E-2			
SPECIAL WASTES						
LABPACKS/CONTAINERIZED LIQ.						
REACTIVE METALS						
EXPLOSIVES/PROPELLENTS						
INHERENTLY HAZARDOUS WASTE						
ELEMENTAL MERCURY						
ELEMENTAL LEAD						
BERYLLIUM WASTE						
BATTERIES						
UNKNOWN						
OTHER						

OTHER WASTE DESCRIPTION: _____

WASTE CLASS: CH-TRU
CONTAINER TYPE: 55 Gal Drum

Radiation Type

YEARS 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE

RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclide Volatile (¹⁴ C, ³ H, I, Rn, Kr, Xe)			Selenium	Technetium 99
	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. C/m ³	TOTAL ACT (CURIES)	CONC. C/m ³	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)
SHIELDING								
STEEL								
LEAD								
CONCRETE								
SOLID PROCESS RESIDUES								
INORGANIC PARTICULATES								
INORGANIC ABSORBED LIQUID/SLUDGES								
SALT WASTE								
ORGANIC PARTICULATES								
ORGANIC ABSORBED LIQ/SLUDGE								
SOILS								
CONTAMINATED SOILS								
DEBRIS CONTAMINATED SOILS								

Radiation Type

 WASTE CLASS: CH-TRU
 CONTAINER TYPE: 55 Gall Drum

 YEAR 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE

RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA CONC. TOTAL ACT. C/m ³ (CURIES)	Uranium/ Neptunium CONC. TOTAL ACT. C/m ³ (CURIES)	Pu/Am CONC. TOTAL ACT. C/m ³ (CURIES)	Radionuclide (¹⁴ C, ³ H, I, Rn, Kr, Xe) Volatiles CONC. TOTAL ACT. C/m ³ (CURIES)	Selenium CONC. TOTAL ACT. C/m ³ (CURIES)	Technetium 99 CONC. TOTAL ACT. C/m ³ (CURIES)
DEBRIS WASTES						
METAL			75	6		
INORGANIC NON-METAL						
COMBUSTIBLE			75	9		
AL-ITEROGENEOUS						
SPECIAL WASTES						
LABPACKS/CONTAINERIZED LIQ.						
REACTIVE METALS						
EXPLOSIVES/PROPELLENTS						
INHERENTLY HAZARDOUS WASTE						
ELEMENTAL MERCURY						
ELEMENTAL LEAD						
BERYLLIUM WASTE						
BATTERIES						
UNKNOWN						
OTHER						

OTHER WASTE DESCRIPTION: _____

Radiation Type

WASTE CLASS: CH-TRM
 CONTAINER TYPE: SWB
 YEARS: 1995 TO 2024 ^{06 2018} 11/19/94 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
 RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA		Uranium/ Neptunium		Pu/Am		Radionuclido (¹⁴ C, ³ H,I, Ba,Kr,Xe)		Solonium		Technetium 99	
	CONC. G/m ³	TOTAL ACT. (CURIES)	CONC. G/m ³	TOTAL ACT. (CURIES)	CONC. G/m ³	TOTAL ACT. (CURIES)	CONC. G/m ³	TOTAL ACT. (CURIES)	CONC. G/m ³	TOTAL ACT. (CURIES)	CONC. G/m ³	TOTAL ACT. (CURIES)
SHIELDING												
STILL												
LEAD												
CONCRETE												
SOLID PROCESS RESIDUES												
INORGANIC PARTICULATES												
INORGANIC ADSORBED LIQUID/SLUDGES												
SALT WASTE												
ORGANIC PARTICULATES												
ORGANIC ADSORBED LIQ/SLUDGE												
CONTAMINATED SOILS												
DEBRIS CONTAMINATED SOILS												

Radiation Type

WASTE CLASS: CH-T8U
 CONTAINER TYPE: SWB
 YEAR 1995 TO 2024 ^{06 APR} 11/08/94 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE									
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form									
WASTE FORMS	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclides (¹⁴ C, ³ H, I, Rn, Kr, Xe)			Selenium	Technetium 99	
	CONC. TOTAL ACT d/m ³ (CURIES)	CONC. TOTAL ACT d/m ³ (CURIES)	CONC. TOTAL ACT d/m ³ (CURIES)	CONC. TOTAL ACT d/m ³ (CURIES)	CONC. TOTAL ACT d/m ³ (CURIES)	CONC. TOTAL ACT d/m ³ (CURIES)	CONC. TOTAL ACT d/m ³ (CURIES)	CONC. TOTAL ACT d/m ³ (CURIES)	CONC. TOTAL ACT d/m ³ (CURIES)
DEBRIS WASTES									
METAL			75	88					
INORGANIC NON-METAL									
COMBUSTIBLE									
HETEROGENEOUS			75	58					
SPECIAL WASTES									
LAPACKS/CONTAINERIZED LIQ.									
REACTIVE METALS									
EXPLOSIVES/PROPELLENTS									
INHERENTLY HAZARDOUS WASTE									
ELEMENTAL MERCURY									
ELEMENTAL LEAD									
BERYLLIUM WASTE									
BATTERIES									
UNKNOWN									
OTHER									

OTHER WASTE DESCRIPTION: _____

WASTE CLASS: CH-LL MW-1
CONTAINER TYPE: 55 Gal Drum

Radiation Type

YEARS 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
RADIATION TYPE: Please Indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclide Volatile (¹⁴ C, ³ H, I, Rn, Kr, Xe)				Solonium	Technetium 99
	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)
SHIELDING									
STEEL									
LEAD									
CONCRETE									
SOLID PROCESS RESIDUES									
ORGANIC PARTICULATES									
INORGANIC ABSORBED LIQUID/SLUDGES									
SALT WASTE									
ORGANIC PARTICULATES									
ORGANIC ABSORBED LIQ/SLUDGE									
SOILS									
CONTAMINATED SOILS									
DEBRIS CONTAMINATED SOILS									

WASTE CLASS: CH-ELMWW-1
CONTAINER TYPE: 55 Gal Drum

Radiation Type

YEAR 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE									
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form									
WASTE FORMS	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclide Volatiles (¹⁴ C, ³ H, I, Rn, Kr, Xe)			Selenium	Technetium 99	
				CONC. C/m ³	TOTAL ACT. (CURIES)	CONC. C/m ³			TOTAL ACT. (CURIES)
DEBRIS WASTES									
METAL									
INORGANIC NON-METAL									
COMBUSTIBLE									
INTERGENEOUS				4E-4	8.4E-5				
SPECIAL WASTES									
LABPACKS/CONTAINERIZED LIQ.				4.0E-4	8.4E-5				
REACTIVE METALS									
EXPLOSIVES/PROPELLENTS									
INHERENTLY HAZARDOUS WASTE									
ELEMENTAL MERCURY									
ELEMENTAL LEAD				4E-4	8.4E-5				
BERYLLIUM WASTE									
BATTERIES									
UNKNOWN									
OTHER									

OTHER WASTE DESCRIPTION: _____

WASTE CLASS: CH - LLMW - III

CONTAINER TYPE: 55 Gall Drum

YEARS 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

Radiation Type

TABLE 5 page 1 of 2

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclide (¹⁴ C, ³ H, I, Rn, Kr, Xe)			Selenium	Technetium 99
	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. C/m ³	TOTAL ACT (CURIES)	CONC. C/m ³	CONC. C/m ³	TOTAL ACT (CURIES)
SHIELDING								
STEEL								
LEAD								
CONCRETE								
SOLID PROCESS RESIDUES								
ORGANIC PARTICULATES								
INORGANIC ABSORBED LIQUID/SLUDGES								
SALT WASTE								
ORGANIC PARTICULATES								
ORGANIC ABSORBED LIQ/SLUDGE								
soils								
CONTAMINATED SOILS								
DEBRIS CONTAMINATED SOILS								

Radiation Type

WASTE CLASS: CH-LLMIV-VIICONTAINER TYPE: 55 Gal DrumYEAR 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
 RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA		Uranium/ Neptunium		Pu/Am		Radionuclide Volatiles (¹⁴ C, ³ H, I, Rn, Kr, Xe)		Selenium		Technetium 99	
	CONC. C/m ³	TOTAL ACT. (CURIES)	CONC. C/m ³	TOTAL ACT. (CURIES)	CONC. C/m ³	TOTAL ACT. (CURIES)	CONC. C/m ³	TOTAL ACT. (CURIES)	CONC. C/m ³	TOTAL ACT. (CURIES)	CONC. C/m ³	TOTAL ACT. (CURIES)
DEBRIS WASTES												
METAL												
INORGANIC NON-METAL												
COMBUSTIBLE												
ETEROGENEUS												
SPECIAL WASTES												
LAPACKS/CONTAINERIZED LIQ.												
REACTIVE METALS												
EXPLOSIVES/PROPELLENTS												
INHERENTLY HAZARDOUS WASTE												
ELEMENTAL MERCURY												
ELEMENTAL LEAD												
BERYLLIUM WASTE												
BATTERIES												
UNKNOWN												
OTHER												

OTHER WASTE DESCRIPTION: _____

WASTE CLASS: CH-LL MIV-III

CONTAINER TYPE: B-2.5

YEARS 1995 TO 2024 ^{2MB} 11/15/94 (INCLUDE HELD IF APPLICABLE)

Radiation Type

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE

RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Volatiles									
	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclides (¹⁴ C, ³ H, I, Rn, Kr, Xe)	Selenium	Technetium 99				
SHIELDING	CONC. TOTAL ACT G/MG (CURIES)	CONC. TOTAL ACT G/MG (CURIES)	CONC. TOTAL ACT G/MG (CURIES)	CONC. TOTAL ACT G/MG (CURIES)	CONC. TOTAL ACT G/MG (CURIES)	CONC. TOTAL ACT G/MG (CURIES)	CONC. TOTAL ACT G/MG (CURIES)	CONC. TOTAL ACT G/MG (CURIES)	CONC. TOTAL ACT G/MG (CURIES)	CONC. TOTAL ACT G/MG (CURIES)
STEEL										
LEAD										
CONCRETE										
SOLID PROCESS RESIDUES										
INORGANIC PARTICULATES										
INORGANIC ADSORBED LIQUID/SLUDGES										
SALT WASTE										
ORGANIC PARTICULATES										
ORGANIC ADSORBED LIQ/SLUDGE										
SOILS										
CONTAMINATED SOILS										
DEBRIS CONTAMINATED SOILS										

Radiation Type

WASTE CLASS: CH-LLMN-VII

CONTAINER TYPE: B-25

YEAR 1995 TO 2024 ²⁷³
₁₉₉₄ (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA		Uranium/ Neptunium		Pu/Am		Radionuclides (¹⁴ C, ³ H, I, Rn, Kr, Xe)		Solonium		Technetium 99	
	CONC. TOTAL ACT G/M ³ (CURIES)	CONC. TOTAL ACT G/M ³ (CURIES)	CONC. TOTAL ACT G/M ³ (CURIES)	CONC. TOTAL ACT G/M ³ (CURIES)	CONC. TOTAL ACT G/M ³ (CURIES)	CONC. TOTAL ACT G/M ³ (CURIES)	CONC. TOTAL ACT G/M ³ (CURIES)	CONC. TOTAL ACT G/M ³ (CURIES)	CONC. TOTAL ACT G/M ³ (CURIES)	CONC. TOTAL ACT G/M ³ (CURIES)	CONC. TOTAL ACT G/M ³ (CURIES)	
DEBRIS WASTE												
METAL												
INORGANIC NON-METAL												
COMBUSTIBLE												
HETEROGENEOUS												
SPECIAL WASTES												
LADPACKS/CONTAINERIZED LIQ.												
REACTIVE METALS												
EXPLOSIVES/PROPELLENTS												
INHERENTLY HAZARDOUS WASTE												
ELEMENTAL MERCURY												
ELEMENTAL LEAD												
BERYLLIUM WASTE												
BATTERIES												
UNKNOWN												
OTHER												

OTHER WASTE DESCRIPTION: _____

Radiation Type

WASTE CLASS: CH-TRUM
CONTAINER TYPE: 55-Gal Drum
YEARS 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Radionuclide						
	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclide (¹⁴ C, ³ H, I, Rn, Kr, Xe)	Selenium	Tochnetium 99	
SHIELDING	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	CONC. TOTAL ACT C/m ³ (CURIES)	
STEEL							
LEAD							
CONCRETE							
SOLID PROCESS RESIDUES							
INORGANIC PARTICULATES							
INORGANIC ABSORBED LIQUID/SLUDGES							
SALT WASTE							
ORGANIC PARTICULATES							
ORGANIC ABSORBED LIQ/SLUDGE							
SOILS							
CONTAMINATED SOILS							
DEBRIS CONTAMINATED SOILS							

A-94

Radiation Type

WASTE CLASS: CH-TRUM
 CONTAINER TYPE: 55-Gal Drum

YEAR 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE

RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

Volatiles

Radionuclide

(¹⁴C, ³H, I, Rn, Kr, Xe)

Pu/Am

Uranium/Neptunium

Fission Product BETA-GAMMA

Technetium 99

CONC. TOTAL ACT. (Curies) c/m³

CONC. TOTAL ACT. (Curies) c/m³

CONC. TOTAL ACT. (Curies) c/m³

CONC. TOTAL ACT. (Curies) c/m³

CONC. TOTAL ACT. (Curies) c/m³

CONC. TOTAL ACT. (Curies) c/m³

CONC. TOTAL ACT. (Curies) c/m³

CONC. TOTAL ACT. (Curies) c/m³

WASTE FORMS

PERIS WASTES

METAL

INORGANIC NON-METAL

COMBUSTIBLE

HETEROGENEOUS

SPECIAL WASTES

PACKS/CONTAINERIZED LIQ.

REACTIVE METALS

EXPLOSIVES/PROPELLENTS

INHERENTLY HAZARDOUS WASTE

ELEMENTAL MERCURY

ELEMENTAL LEAD

BERYLLIUM WASTE

BATTERIES

UNKNOWN

OTHER

OTHER WASTE DESCRIPTION:

Radiation Type

WASTE CLASS: CH- TRU-M

CONTAINER TYPE: SWB

YEARS 1995 TO 2024 248 11/10/94 (INCLUDE HELD IF APPLICABLE)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE
RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

WASTE FORMS	Fission Product BETA-GAMMA		Uranium/ Neptunium		Pu/Am		Radionuclido (¹⁴ C, ³ H, I, In, Kr, Xe)		Solonium		Technetium 99	
	CONC. TOTAL ACT G/m ³ (CURIES)		CONC. TOTAL ACT G/m ³ (CURIES)		CONC. TOTAL ACT G/m ³ (CURIES)		CONC. TOTAL ACT G/m ³ (CURIES)		CONC. TOTAL ACT G/m ³ (CURIES)		CONC. TOTAL ACT G/m ³ (CURIES)	
SHIELDING												
STEEL												
LEAD												
CONCRETE												
SOLID PROCESS RESIDUES												
INORGANIC PARTICULATES												
INORGANIC ADSORBED LIQUID/SLUDGES												
SALT WASTE												
ORGANIC PARTICULATES												
ORGANIC ADSORBED LIQ/SLUDGE												
SOILS												
CONTAMINATED SOILS												
DEBRIS CONTAMINATED SOILS												

Radiation Type

WASTE CLASS: CH-TRVM

CONTAINER TYPE: SWB

CONTAINER TYPE: 32V D 2001 EXB
YEAR 1995 TO 2024 11/10/19

“(INCLUDE HELD IF APPLICABLE)”

10 2027 (INCLUDE HEAD R. AT BOTTOM)

A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE

RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form

Volatiles

EAR 1995 TO 2024 (INCLUDE HELD IF APPLICABLE)						
A SEPARATE TABLE 5 MUST BE COMPLETED FOR EACH APPLICABLE WASTE CLASS AND CONTAINER TYPE RADIATION TYPE: Please indicate the Concentration and Total Activity for each Waste Form						
WASTE FORMS	Fission Product BETA-GAMMA	Uranium/ Neptunium	Pu/Am	Radionuclides (¹⁴ C, ³ H, I, Rn, Kr, Xe)	Solonium	Technetium 99
	CONC. TOTAL ACT. G/m ³ (CURIES)	CONC. TOTAL ACT. G/m ³ (CURIES)	CONC. TOTAL ACT. G/m ³ (CURIES)	CONC. TOTAL ACT. G/m ³ (CURIES)	CONC. TOTAL ACT. G/m ³ (CURIES)	CONC. TOTAL ACT. G/m ³ (CURIES)
DEBRIS/WASTES						
METAL						
INORGANIC NON-METAL						
COMBUSTIBLE			116	226		
HETEROGENEOUS						
SPECIAL WASTES						
ADP ACKS/CONTAINERIZED LIQ.						
REACTIVE METALS						
EXPLOSIVES/PROPELLENTS						
INHERENTLY HAZARDOUS WASTE						
ELEMENTAL MERCURY						
ELEMENTAL LEAD						
BERYLLIUM WASTE						
BATTERIES						
UNKNOWN						
OTHER						

OTHER WASTE DESCRIPTION:

A-97

1994 SOLID WASTE FORECAST QUESTIONNAIRE

- A. Please answer all questions. This information will help determine Hanford's treatment, storage, and disposal requirements.

Question 4 (for all waste classes) and Question 5 (for mixed and hazardous waste only) provide a basis for determining how your waste will be grouped. Be sure to answer these questions or your forms will be returned.

- B. Ensure that the contact name, Level 3 Manager, and budget personnel are identified in the sign-off area of the questionnaire. Names must be typed (or printed) as well as written.

1. Please circle the waste classes that will be generated.

<u>CH_LLW_I</u>	<u>CH_LLW_III</u>	CH_LLW_GTCIII
RH_LLW_I	RH_LLW_III	RH_LLW_GTC_III
<u>CH_LLMW_I</u>	<u>CH_LLMW_III</u>	CH_LLMW_GTCIII
RH_LLMW_I	RH_LLMW_III	RH_LLMW_GTCIII
<u>CH_TRU</u>	<u>CH_TRUM</u>	<u>HAZ</u>
RH_TRU	RH_TRUM	

2. Generally describe these wastes and how they will be generated.

The waste is TRU isotopes if it is radioactive. Generation of waste is from maintenance, surveillance, stabilization activities and interim actions while awaiting an EIS. These activities reduce source-term and prepare for long term storage of SNM.

3. Have your waste volumes changed from your previous forecast? Yes No

Explain: Forecast is based on present generation rate. This years generation rate is lower than last years. Last year I did not forecast special projects, as they were always cancelled, prior to generating waste. This year the facility has accomplished some projects, and I expect (forecast) many projects to occur.

1994 SOLID WASTE FORECAST QUESTIONNAIRE

- 4.) Will waste be separated into like waste forms prior to shipping? (If you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers or will the waste be combined and placed into one container?)

Please explain for each waste class:

CH-LLW-1. This waste class is not separated by waste form, except that it may be generated separately. That is to say that contaminated soil would be generated during an excavation and those would most likely be containers set aside. LLW-1 combustible and heterogeneous are not separated.

5. If you generate hazardous or mixed waste please answer the following question.

Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping? (If you generate toxic metals and ignitables will you ship these constituents in separate containers or will they be combined and placed into one container?) Segregate

If the hazardous constituents are segregated, make sure each waste class by waste form (reference Table 4) has been explained using the method in Attachment B. Please provide further explanation if needed.

6. Describe your quarterly expected shipping schedule for each applicable waste class during FY-1995 (e.g., 40% of waste shipped during the first quarter, 20% in the second quarter, etc.).

Expected shipping schedule for each applicable waste class in FY 1995 is 25% of waste shipped during each quarter.

1994 SOLID WASTE FORECAST QUESTIONNAIRE

- 4.) Will waste be separated into like waste forms prior to shipping? (If you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers or will the waste be combined and placed into one container?)

Please explain for each waste class:

CH-LLW-II This waste class is not segregated by waste form.
Combustible debris may be generated with metal and contaminated soils
and they will be packaged in one container.

5. If you generate hazardous or mixed waste please answer the following question.

Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping? (If you generate toxic metals and ignitables will you ship these constituents in separate containers or will they be combined and placed into one container?)

If the hazardous constituents are segregated, make sure each waste class by waste form (reference Table 4) has been explained using the method in Attachment B. Please provide further explanation if needed.

6. Describe your quarterly expected shipping schedule for each applicable waste class during FY-1995 (e.g., 40% of waste shipped during the first quarter, 20% in the second quarter, etc.).

1994 SOLID WASTE FORECAST QUESTIONNAIRE

- 4.) Will waste be separated into like waste forms prior to shipping? (If you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers or will the waste be combined and placed into one container?)

Please explain for each waste class:

CH-TRU. This waste class is not separated by waste forms. Combustible
and metal debris are packaged in one container.

5. If you generate hazardous or mixed waste please answer the following question.

Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping? (If you generate toxic metals and ignitables will you ship these constituents in separate containers or will they be combined and placed into one container?)

If the hazardous constituents are segregated, make sure each waste class by waste form (reference Table 4) has been explained using the method in Attachment B. Please provide further explanation if needed.

6. Describe your quarterly expected shipping schedule for each applicable waste class during FY-1995 (e.g., 40% of waste shipped during the first quarter, 20% in the second quarter, etc.).

1994 SOLID WASTE FORECAST QUESTIONNAIRE

- 4.) Will waste be separated into like waste forms prior to shipping? (If you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers or will the waste be combined and placed into one container?)

Please explain for each waste class:

CH-LLMW-1 This waste class is normally separated by waste form
because most forms have special packaging requirements. Lab packs
can not be packaged with solid heterogeneous or elemental lead.

5. If you generate hazardous or mixed waste please answer the following question.

Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping? (If you generate toxic metals and ignitables will you ship these constituents in separate containers or will they be combined and placed into one container?)

If the hazardous constituents are segregated, make sure each waste class by waste form (reference Table 4) has been explained using the method in Attachment B. Please provide further explanation if needed.

6. Describe your quarterly expected shipping schedule for each applicable waste class during FY-1995 (e.g., 40% of waste shipped during the first quarter, 20% in the second quarter, etc.).

1994 SOLID WASTE FORECAST QUESTIONNAIRE

- 4.) Will waste be separated into like waste forms prior to shipping? (If you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers or will the waste be combined and placed into one container?)

Please explain for each waste class:

CH-LLMW-III This waste class is typically heterogeneous waste, and is kept segregated from other waste forms such as "oil packs" and "batteries."

5. If you generate hazardous or mixed waste please answer the following question.

Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping? (If you generate toxic metals and ignitables will you ship these constituents in separate containers or will they be combined and placed into one container?)

If the hazardous constituents are segregated, make sure each waste class by waste form (reference Table 4) has been explained using the method in Attachment B. Please provide further explanation if needed.

6. Describe your quarterly expected shipping schedule for each applicable waste class during FY-1995 (e.g., 40% of waste shipped during the first quarter, 20% in the second quarter, etc.).

1994 SOLID WASTE FORECAST QUESTIONNAIRE

- 4.) Will waste be separated into like waste forms prior to shipping? (If you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers or will the waste be combined and placed into one container?)

Please explain for each waste class:

CH- TRUM This waste class is typically generated as heterogeneous debris. It would be segregated from special waste forms such as latracks and batteries but may be combined with soils or process debris.

5. If you generate hazardous or mixed waste please answer the following question.

Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping? (If you generate toxic metals and ignitables will you ship these constituents in separate containers or will they be combined and placed into one container?)

If the hazardous constituents are segregated, make sure each waste class by waste form (reference Table 4) has been explained using the method in Attachment B. Please provide further explanation if needed.

6. Describe your quarterly expected shipping schedule for each applicable waste class during FY-1995 (e.g., 40% of waste shipped during the first quarter, 20% in the second quarter, etc.).

1994 SOLID WASTE FORECAST QUESTIONNAIRE

- 4.) Will waste be separated into like waste forms prior to shipping? (If you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers or will the waste be combined and placed into one container?)

Please explain for each waste class:

HAZARDOUS waste class is kept segregated by waste form, except that the inert wastes may be combined if they have the same waste codes.

5. If you generate hazardous or mixed waste please answer the following question.

Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping? (If you generate toxic metals and ignitables will you ship these constituents in separate containers or will they be combined and placed into one container?)

If the hazardous constituents are segregated, make sure each waste class by waste form (reference Table 4) has been explained using the method in Attachment B. Please provide further explanation if needed.

6. Describe your quarterly expected shipping schedule for each applicable waste class during FY-1995 (e.g., 40% of waste shipped during the first quarter, 20% in the second quarter, etc.).

1994 SOLID WASTE FORECAST QUESTIONNAIRE

7. Discuss the assumptions that were used to prepare this forecast. (Identify known dates for facility closure, decontamination and decommissioning [D&D], or any new programs that drive the forecast data provided in this request.)

The assumption is that a baseline waste generator will remain at the present rate with 33 projects evaluated for waste volume impacts. Some project data are scheduled, but many were assumed. Additional waste volume and containers were assumed with no basis. Samples of data from SWITS were used as basis for completion table if a report could not be completed. Table 5 was completed by waste form proportion if data was not readily retrievable from SWITS, and by comparison with the same radiation category.

8. What assumptions were used in estimating the minimum and maximum waste volumes identified in Table 1? (Minimum waste percentage is based upon the majority of the waste being sent to a commercial disposal site. Maximum waste percentage is based upon additional projects being initiated that will generate waste not accounted for in the best estimate volume.)

Minimum: Minimum waste percentage is based upon an unknown (unspecified) reason causing no waste to be generated.

Maximum: Maximum waste percentage is based upon additional projects, or a time redistribution of waste generation, taking into account the waste volume quantity forecasted.

9. Indicate confidence level for the following waste characterization data: (The physical waste forms are based upon historical characterization information.)

Physical Waste Forms (Table 3): High Low Medium

Explain: Forecast based on random inspection of SWITS database.

Hazardous Constituents (Table 4): High Low Medium

Explain: Forecast based on random inspection of historical information

Radiation Type (Table 5) High Low Medium

Explain: Historical information was not readily available for all waste class/waste forms.

1994 SOLID WASTE FORECAST QUESTIONNAIRE

10. What percentage of the waste forecasted is existing waste? 0
 Of your existing waste, how confident are you in the current shipping schedule? HIGH LOW MEDIUM NOT APPLICABLE

Explain: _____

What percentage of waste forecasted is future generated waste? 100

Of your future generated waste, how confident are you in the volumes and shipping schedule? HIGH LOW MEDIUM

Explain: No one underwrote an EIS. Volumes for projects are assumptions with no basis.

- 10a. Please indicate whether your forecasts include only operational waste, or if transitional waste, environmental restoration (ER) and/or D&D activities have also been included. If transitional waste, ER and D&D have been included, indicate when each of these activities will take place.

Transitional waste is included. Transition is expected to be completed by 2015; it has already started.

- 10b. If you have not included transitional waste, ER, or D&D waste, will this waste potentially be managed at Hanford? Please provide an estimate of the expected volumes and years that the waste would be shipped.

11. Please supply contact personnel information for data verification. Names must be typed (or printed) as well as written:

LLW: E.H. Backlund / E.G. Backlund Phone: 373-2708
E.G. Backlund

LLMW: E.H. Backlund / E.G. Backlund Phone: 373-2708

TRU: E.H. Backlund / E.G. Backlund Phone: 373-2708

TRUM: E.H. Backlund / E.G. Backlund Phone: 373-2708

HAZ: E.H. Backlund / E.G. Backlund Phone: 373-2708

(Waste Contact)

Approved by: C.M. Kronvall Date: 373-3309
 (Level 3 Manager Signature)

Approved by: Date: 8/15/94
 (Budget Concurrence)