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Bases for Solid Waste Volume Estimates for Tank Waste Remediation System

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Abstract: This document presents the background and basis for the Tank Waste Remediation System forecast for solid waste submitted in June 1996. The forecast was generated for single-shell tank and double-shell tank activities including operations through retrieval and disposal of chemical tank waste.

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BASES FOR SOLID WASTE VOLUME ESTIMATES FOR TANK WASTE REMEDIATION SYSTEM

August 1996

G. W. Reddick
Westinghouse Hanford Company

Prepared for
U.S. Department of Energy

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LIST OF TERMS

CC	Complex concentrate
DN	Dilute non-complexed
DOE	U.S. Department of Energy
DSS	Double-shell slurry
DSSF	Double-shell slurry feed
DST	Double-shell tank
HLVP	High-level vitrification plant
HLW	High-level waste
HWVP	Hanford Waste Vitrification Plant
LAW	Low-activity waste
LEC	Lon equipment container
LLCE	Long-length contaminated equipment
LLVP	Low-level vitrification plant
LLW	Low-level waste
NCAW	Neutralized current acid waste
NCRW	Neutralized cladding removal waste
PUREX	Plutonium-uranium extraction
SST	Single-shell tank
TRU	Transuranic
TWRS	Tank Waste Remediation System
WHC	Westinghouse Hanford Company

BASES FOR SOLID WASTE VOLUME ESTIMATES FOR TANK WASTE REMEDIATION SYSTEM

1.0 INTRODUCTION

This document presents the background and basis for the Tank Waste Remediation System (TWRS) forecast for solid waste submitted in June 1996. The forecast was generated for single-shell tank (SST) and double-shell tank (DST) activities including operations through retrieval and disposal of chemical tank waste. The solid waste forecast prepared using these bases is contained in Appendix A.

2.0 TANK WASTE REMEDIATION SYSTEM PROGRAM BASES

The long-length contaminated equipment (LLCE) and other SST retrieval waste are handled according to the agreement reached with the U.S. Department of Energy (DOE 1996).

SST retrieval waste represents the waste generated by operations and maintenance during retrieval operations. Disposal of the equipment used for retrieval is included in the LLCE.

Solid waste will also be generated by the processes that pretreat the waste and the processes that vitrify the waste. These processes are used during the Phase I and Phase II operations described in Section 2.2.

2.1 SINGLE-SHELL TANK LONG-LENGTH EQUIPMENT

LLCE will consist of existing equipment and instrumentation used in tanks and equipment for the retrieval of tank waste.

For retrieval of tank waste, each tank will have from one to three sluicers installed. On average each tank will be assumed to have two sluicers installed until more detailed planning is available. The sluicer for 241-C-106 is about 5.5 m (18 ft) long and has a flange about 79 cm (31 in.) in diameter.

For retrieval, each tank will have one pump installed for removal of the slurry generated by the sluicers. Final cleanout will probably require the installation of a second pump for heel removal. Some pump failures and replacement are also expected. Two

pumps are assumed for each tank during sluicing. The pump installed in 241-C-106 is about 9 m (30 ft) long, collapsible to about 4.5 m (15 ft). The flange diameter is unknown but should be in the range of 0.76 to 1.14 m (30 to 45 in.).

For 2.84-ML (750,000-gal) and 3.8-ML (1-Mgal) tanks, the sluicers are expected to be the same as the sluicer for 241-C-106. The pumps in the larger tanks will need to be longer. The pumps for 2.84 ML tanks should be collapsible to 7.6 m (25 ft) in length. The pumps for 3.8-ML (1-Mgal) tanks should be collapsible to about 9.8 m (32 ft) in length.

2.2 TANK WASTE REMEDIATION SYSTEM PROCESSING (PRETREATMENT AND VITRIFICATION)

Phase I processing represents the demonstration phase and includes retrieval (from DST), in-tank sludge washing, supernatant pretreatment, low-level waste (LLW) immobilization, and an optional high-level waste (HLW) immobilization. Also included are interim storage of immobilized waste and disposal of immobilized waste.

Phase II processing is full scale operation and includes waste retrieval, interim storage of wastes, supernatant pretreatment, sludge/solids pretreatment, LLW immobilization, HLW immobilization, and interim storage of immobilized waste.

Phase I and Phase II use privatized contractor facilities for some of the functions and on site DOE government owned contractor operated facilities for some of the other functions. The amount and type of generated solid waste is expected to be approximately the same regardless of where the privatized line is drawn. In addition, the request for proposal for this work has the DOE responsible for handling the solid waste generated by the privatized facilities.

Phase I privatization begins June 2002 and runs through June 2007; additional operations may occur through 2011 (Washenfelder 1996).

Phase II operations for LLW are 2011 to 2021.

Phase II operations for HLW are 2013 to 2028.

Solid waste from Phase I are returned to DOE. The solid waste generated during Phase I operations are included in the solid waste estimates.

Solid waste generated from Phase II are included in the solid waste estimates.

The solid waste forecast does not include the immobilized tank waste.

The preliminary schedule for transfer of HLW solids to processing and for transfer of low-activity waste (LAW) solutions to the private contractors are used to estimate the kind of

solid waste generated. Phase I generates some solid waste from equipment failures due the demonstration nature of the processing. Two private contractors may be operating facilities during Phase I. However, the total volume of solid waste generated during Phase I is limited by its relatively short duration.

The preliminary retrieval schedule for SST is used to predict when solid waste is generated by Phase II. The throughput capacity of Phase II facilities is much greater than Phase I. A review of the waste generated by the Plutonium-Uranium Extraction (PUREX) plant in the 1980's is used to assist in the estimation of solid waste from this larger facility.

2.3 PHASE I FEED

The sources and volume of Phase I feed are shown below.

Washed high-level waste (HLW) solids:

FY 2002	101-AZ	380,000 L (100,000 gal)
FY 2003	101-AZ, 102-AZ	760,000 (200,000)
FY 2004	102-AZ	760,000 (200,000)
FY 2005	102-AZ, 102-AY	1,140,000 (300,000)
FY 2006	102-AY	1,140,000 (300,000)
FY 2007	102-AY	1,140,000 (300,000)
FY 2008	102-AY	760,000 (200,000)

LAW solution:

FY 2002	DN, DSSF	7.7 ML
FY 2003	DSSF, NCRW	8.4
FY 2004	DSSF	6.3
FY 2005	DSSF	2.9
FY 2006	DSSF	3.8
FY 2007	NCAW, CC	5.0
FY 2008	CC	3.9
FY 2009	DSS	3.5
FY 2010	CC	4.4
FY 2011	NCAW	1.5

CC = Complexant concentrate
DN = Dilute, non-complexed
DSS = Double-shell slurry
DSSF = Double-shell slurry feed
NCRW and NCAW = the supernatants from the respective NCAW and NCRW tanks.

2.4 SINGLE-SHELL TANK RETRIEVAL SEQUENCE

Retrieval of waste from SSTs begins in fiscal year 2004 and continues through 2018. Below is the initiation year for SST retrieval by tank farm.

FY 2004	AX	1 tank
	A	1 tank
	C	2 tanks
FY 2005	A	2 tanks
	SX	1 tank
	AX	2 tanks
FY 2006	SX	1 tank
FY 2007	SX	3 tanks
FY 2008	SX	2 tanks
	U	6 tanks
FY 2009	C	4 tanks
	U	2 tanks
	AX	1 tank
FY 2010	C	7 tanks
	A	1 tank
	U	1 tank
FY 2012	A	2 tanks
	B	4 tanks
	BX	4 tanks
	BY	2 tanks
	C	2 tanks
	S	2 tanks
	SX	2 tanks
	T	5 tanks
	TX	2 tanks
	TY	2 tanks
FY 2013	BY	2 tanks
	SX	2 tanks
	T	4 tanks
	TX	4 tanks
	TY	3 tanks

FY 2014	B	1 tanks
	BX	2 tanks
	BY	3 tanks
	S	2 tanks
	SX	3 tanks
	T	5 tanks
	TX	5 tanks
	TY	1 tanks
FY 2015	B	1 tank
	BX	1 tank
	BY	2 tanks
	S	3 tanks
	TX	1 tank
	U	2 tanks
FY 2016	B	4 tanks
	BX	3 tanks
	BY	2 tanks
	S	3 tanks
	SX	1 tank
	T	2 tanks
	TX	6 tanks
FY 2017	B	6 tanks
	BX	2 tanks
	BY	1 tanks
	S	2 tanks
	U	5 tanks

(This count of tanks includes both 100 and 200 series tanks. The 200 series tanks are four each in B Farm, C Farm, T Farm, and U Farm. Waste from 241-C-106 was assumed to be previously retrieved.)

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3.0 SOLID WASTE VOLUME AND CATEGORY BASES

3.1 SINGLE-SHELL TANK LONG-LENGTH EQUIPMENT

The long-length equipment for disposal consists of existing installed equipment plus the sluicers and pumps used for retrieval.

The existing long-length equipment in SST was identified by tank farm, type and number of equipment pieces. The total number of equipment pieces in SST was estimated to be 860 (Galbraith 1996). The table of these equipment pieces is contained in Appendix B. All of these equipment pieces were assumed to be removed before retrieval equipment is installed. This conservative assumption produced a total volume of waste that is less than the number estimated in previous forecasts. This equipment was allocated to individual tanks farms based on the estimated existing equipment inventory.

A Farm	85 equipment pieces
AX Farm	65
B Farm	33
BX Farm	76
BY Farm	101
C Farm	96
S Farm	52
SX Farm	110
T Farm	51
TX Farm	89
TY Farm	2
U Farm	100

Some of this equipment may not need to be removed to support retrieval of tank waste. At least three to four risers per tank are expected to be utilized for retrieval equipment and instrumentation. Existing equipment in the risers to be used by retrieval operations will require removal. Some equipment in other risers may interfere with sluicer operations and will also require removal. Under the best of conditions, the total count of existing equipment pieces requiring removal is expected to be 400 to 500. When specific plans are established for retrieval equipment on a tank-by-tank basis, refined estimates of the solid waste volume can be prepared.

The length and diameter of equipment was estimated based on installed equipment lists for each farm (Roach 1995). Based on the equipment sizes, the number of each container size was identified for each tank farm. A standard "square long equipment container (LEC)" was used for each piece of equipment. The LEC dimensions and volumes were provided in the solid waste spreadsheet (SWIFT) provided by solid waste programs.

The schedule for the removal of the equipment was determined based on the latest

estimate of the SST retrieval sequence (Penwell 1996). The retrieval sequence is estimated by tank. For purposes of the forecast, the sequence was identified by tank farm. As an example, in 2004, retrieval of waste from one A Farm tank begins, retrieval from one AX Farm tanks begins, and retrieval from two C Farm tanks begins. The equipment in these tanks was assumed to be removed in 2001, three (3) years before retrieval is scheduled to begin. Likewise for all of the SST, the existing equipment is removed three (3) years before retrieval is scheduled to begin.

With an estimate of the equipment in each tank farm and how many tanks are to be retrieved per year, the removal of equipment was prorated for each year from 2001 through 2014. (SST retrieval starts in the tanks from 2004 through 2017.)

Other long-length equipment will be generated by the disposal of retrieval equipment, sluicers and pumps. From one to three sluicers and one pump are expected to be used in each tank for retrieval operations. Of these, about one sluicer per tank and one pump per tank was assumed to require disposal as long-length equipment. This set of assumptions is expected to be conservative because some sluicers and pumps will be reused and those that are not reused are expected to be left in the tanks and disposed in the same manner as the tanks (DOE 1996).

All of the retrieval pumps and sluicers have some capability for retraction that permits a shorter container can be used for storage and disposal. All of the retrieval equipment is expected to fit into the containers that are 8.53-m (336-in.) long except the pumps removed from the 3,800 m^3 (1 Mgal) tanks which will require containers 12.8 m (504 in.) long. In total, 140 sluicers and 140 pumps were identified for disposal as solid waste.

The schedule for the retrieval equipment disposal was assumed to be the same as the start date for retrieval. This will conservatively assure that containers are available and storage space is allocated when needed.

3.2 SINGLE-SHELL TANK RETRIEVAL

The solid waste in the SST retrieval category is the waste generated by SST retrieval operations. The volume of solid waste used in the this forecast is the same as used in the previous forecast. The volume of waste was prorated over the retrieval schedule based on the number of tanks being retrieved per year.

3.3 SOLID WASTE FROM FUTURE FACILITIES

The future facilities for processing and disposal of tank chemical waste are not well defined. In about two years, conceptual designs for the Phase I facilities are scheduled to be completed. As the conceptual designs are completed and progress is made toward more detailed designs, the accuracy of estimates for solid waste generation should improve. Until

designs are available, estimates are very preliminary and have to estimated based on knowledge of former processing facilities such as PUREX or B Plant. The feed rates required for the future facilities provides some measure of the size of facilities (Slaathaug 1996). In addition, the designs of canceled projects such as the Hanford Waste Vitrification Plant (HWVP) and Interim Pretreatment Module (IPM) provide a general idea of the equipment and processes that are expected in future facilities.

3.3.1 High-Level Vitrification Plant

The solid waste from the high-level vitrification plant (HLVP) was estimated based on the annual production of solid waste by the PUREX plant during operations in the 1980's. The Phase II operations include a large facility and is expected to generate an amount of waste equivalent to the PUREX plant. The PUREX plant typically generated about 1,600 m^3 of solid waste per year in the 1980's. The HLVP is expected to include some pretreatment processes and solid wastes generated by these processes are included in the forecasted volumes. In previous solid waste forecasts, the pretreatment processes had been included in a separate facility. The Phase I plant is a demonstration facility and is expected to generate about one fifth as much solid waste on an annual basis as the Phase II facility.

3.3.2 Low-Level Vitrification Plant

The Phase II low-level vitrification plant (LLVP) is a very large facility and is expected to generate an amount of waste equivalent to twice the volume of solid waste generated by the PUREX plant. The LLVP will have pretreatment processes and the solid waste generated by these processes are included in the forecasted volumes. In previous solid waste forecasts, the pretreatment processes had been included in a separate facility. The Phase I plant is a demonstration facility and is expected to generate about one fifth as much solid waste on an annual basis as the Phase II facility.

3.4 WASTE CATEGORIES

In addition to the volume, the solid waste forecast requires the type of waste be identified by hazard category and radionuclide category. All of the solid waste from the tanks were considered to be mixed waste, having both a hazardous component as defined by RCRA and a radionuclide component. Most of the waste coming from tanks is considered to be remote handled except for tanks that largely contain transuranic (TRU) waste without a large concentration of radioactive cesium and strontium.

Retrieval operations, the high level vitrification plant, and the low level vitrification plant have both contact handled and remote handled waste. The breakout of waste into the various categories was based on past solid waste forecasts (Valero 1996) and waste generated by former plants (Duncan 1993).

Most of the curies in SST are ^{90}Sr and ^{137}Cs. These two elements and their daughters make up between 95 percent and 99 percent of the total curies. Most of the equipment removed from tanks will be greater than the category I limit for these radionuclides but less than the category III limit. The category I limit for ^{90}Sr is 4.3×10^{-3} Ci/m^3. The category III limit is 1.5×10^4 Ci/m^3 (15 Ci/L). The category I limit for ^{137}Cs is 6.3×10^{-3} Ci/m^3. The category III limit is 1.3×10^4 Ci/m^3 (13 Ci/L). The sum of the fractions rule is used to determine the category when more than one radionuclide is present.

Waste from the retrieval operations and the vitrification plants will include some category I waste and some category III waste. None of the waste from the tanks, retrieval operations, or the vitrification plants is expected to be greater than category III. The highest concentration of cesium in any one tank is about 2 Ci/L in DST 241-AZ-101. The highest concentration of strontium is about 7 Ci/L (in about 867,000 L) in SST 241-C-106. Retrieval operations and other processing will generally tend to dilute the radionuclide concentrations. Some exceptions to this rule may occur during pretreatment processes, but the category III limit should not be exceeded for any solid waste generated during the operation of these processes.

3.5 DETERMINATION OF TRANSURANIC POTENTIAL FOR TANK EQUIPMENT

The amount of TRU equipment removed from tanks is significantly affected by an agreement reached with the DOE (1996). Equipment that has not been removed from tanks would be included in the closure plans for the tanks. All equipment removed from SSTs after 2003 will be decontaminated to non-TRU levels. To determine the amount of TRU equipment removed from tanks through 2003, the inventory of solid chemical waste in each of the SSTs was reviewed. Most of the curies of TRU constituents are contributed by plutonium and americium. Very few of the SSTs have a combination of TRU solids and a significant sludge depth.

In order for heavy equipment removed from a tank to be classified as TRU, the concentration of TRU must be 100 nCi/g (1×10^{-7} Ci/g) of total waste. The total weight of the equipment and any contamination is considered in making the TRU designation (DOE 1995). Tank equipment varies in weight from a few hundred pounds (e.g., 150 lbs to 500 lbs) to several thousand pounds (150 lbs is 68,000 g; 5,000 lbs is 2.26 million g). To contaminate 150 lbs of waste to TRU levels would require only 0.007 curies of TRU. To contaminate 5,000 lbs of waste to TRU levels requires 0.23 curies of TRU.

Fortunately, the **maximum** concentration of plutonium in any SST is about 1.3×10^{-5} Ci/g in Tank TX-118. About 538 g of this waste would be required to make 150 lbs of waste TRU. About 18 kg of this waste would be required to make 5,000 lbs of waste TRU. Only four other tanks have a significant potential for TRU contamination based on the TRU concentration in the tank and a significant volume of solids. A large volume of solids is required to contaminate more than the tip of the equipment. A small amount of contamination on the end of the equipment to cause a TRU designation.

Eighteen other tanks have some potential for creating TRU waste based on the concentration of TRU in the solids and the amount of solids in the tanks. None of the five tanks with significant TRU solids are scheduled for retrieval through 2003. Only one of the eighteen tanks with some potential for TRU contamination is scheduled for retrieval through 2003. However, if equipment is pulled out of tanks three years before retrieval begins, a total of seven out of the 18 tanks are affected. The probability of very long, light-weight equipment in these tanks being TRU is estimated to be in the range of 10 percent to 50 percent. Based on this estimate some of the long-length equipment removed during the years 2001, 2002, and 2003 may be TRU and was included in the forecast.

Based on the experience with Tank 241-SY-102, which had equipment removed which was TRU and contact handled, one-half of the TRU equipment was classified as contact handled and one-half as remote handled.

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APPENDIX A

SOLID WASTE FORECAST

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Waste Volumes and Percent Ranges
(in cubic meters)

Waste Generator
Waste Class

WHC_HLVP End Of Lifecycle: 2028

CH_LLW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							50	50	50	50	50	50	50		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			250	250	250	250	250	250	250	250	250	250	250	250	250
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200

	2026	2027	2028
Vol	250	250	250
Min%	50	50	50
Max%	200	200	200

End of Lifecycle Reached

	Total
Vol	4,350

CH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							150	150	150	150	150	150	150		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			750	750	750	750	750	750	750	750	750	750	750	750	750
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200

	2026	2027	2028
Vol	750	750	750
Min%	50	50	50
Max%	200	200	200

End of Lifecycle Reached

	Total
Vol	13,050

SOLID WASTE FORECAST FY1997
Waste Volumes and Percent Ranges
(in cubic meters)

Waste Generator
Waste Class

RH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							40	40	40	40	40	40	40		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Vol			200	200	200	200	200	200	200	200	200	200	200	200	200
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200
	2026	**2027**	**2028**												
Vol	200	200	200												
Min%	50	50	50												
Max%	200	200	200												
End of Lifecycle Reached															
	Total														
Vol	3,480														

CH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							20	20	20	20	20	20	20		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Vol			100	100	100	100	100	100	100	100	100	100	100	100	100
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200
	2026	**2027**	**2028**												
Vol	100	100	100												
Min%	50	50	50												
Max%	200	200	200												
End of Lifecycle Reached															
	Total														
Vol	1,740														

SOLID WASTE FORECAST FY1997
Waste Volumes and Percent Ranges
(In cubic meters)

Waste Generator
Waste Class

CH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							40	40	40	40	40	40	40		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			200	200	200	200	200	200	200	200	200	200	200	200	200
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200

	2026	2027	2028
Vol	200	200	200
Min%	50	50	50
Max%	200	200	200

End of Lifecycle Reached

Total

Vol 3,480

CH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							10	10	10	10	10	10	10		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			50	50	50	50	50	50	50	50	50	50	50	50	50
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200

	2026	2027	2028
Vol	50	50	50
Min%	50	50	50
Max%	200	200	200

End of Lifecycle Reached

Total

Vol 870

SOLID WASTE FORECAST FY1997
Waste Volumes and Percent Ranges
(in cubic meters)

Waste Generator
Waste Class

RH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							10	10	10	10	10	10	10		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			50	50	50	50	50	50	50	50	50	50	50	50	50
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200

	2026	2027	2028
Vol	50	50	50
Min%	50	50	50
Max%	200	200	200

End of Lifecycle Reached

	Total
Vol	870

HAZ

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							10	10	10	10	10	10	10		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			50	50	50	50	50	50	50	50	50	50	50	50	50
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200

	2026	2027	2028
Vol	50	50	50
Min%	50	50	50
Max%	200	200	200

End of Lifecycle Reached

	Total
Vol	870

Total WHC_HLVP

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							330	330	330	330	330	330	330		

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			1,650	1,650	1,650	1,650	1,650	1,650	1,650	1,650	1,650	1,650	1,650	1,650	1,650

	2026	2027	2028
Vol	1,650	1,650	1,650

	Total
Vol	28,710

SOLID WASTE FORECAST FY1997
Waste Volumes and Percent Ranges
(in cubic meters)

Waste Generator
Waste Class

WHC_LLVP — End Of Lifecycle: 2021

CH_LLW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							240	240	240	240	240	240	240	240	240
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Vol	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Min%	50	50	50	50	50	50	50	50	50	50	50
Max%	200	200	200	200	200	200	200	200	200	200	200

End of Lifecycle Reached

	Total
Vol	15,360

CH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							240	240	240	240	240	240	240	240	240
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Vol	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Min%	50	50	50	50	50	50	50	50	50	50	50
Max%	200	200	200	200	200	200	200	200	200	200	200

End of Lifecycle Reached

	Total
Vol	15,360

RH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							60	60	60	60	60	60	60	60	60
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Vol	300	300	300	300	300	300	300	300	300	300	300
Min%	50	50	50	50	50	50	50	50	50	50	50
Max%	200	200	200	200	200	200	200	200	200	200	200

End of Lifecycle Reached

	Total
Vol	3,840

SOLID WASTE FORECAST FY1997
Waste Volumes and Percent Ranges
(in cubic meters)

Waste Generator
Waste Class

CH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							40	40	40	40	40	40	40	40	40
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Vol	200	200	200	200	200	200	200	200	200	200	200
Min%	50	50	50	50	50	50	50	50	50	50	50
Max%	200	200	200	200	200	200	200	200	200	200	200

End of Lifecycle Reached

	Total
Vol	2,560

CH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							40	40	40	40	40	40	40	40	40
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Vol	200	200	200	200	200	200	200	200	200	200	200
Min%	50	50	50	50	50	50	50	50	50	50	50
Max%	200	200	200	200	200	200	200	200	200	200	200

End of Lifecycle Reached

	Total
Vol	2,560

HAZ

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							20	20	20	20	20	20	20	20	20
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Vol	100	100	100	100	100	100	100	100	100	100	100
Min%	50	50	50	50	50	50	50	50	50	50	50
Max%	200	200	200	200	200	200	200	200	200	200	200

End of Lifecycle Reached

	Total
Vol	1,280

Date: 6/19/96

SOLID WASTE FORECAST FY1997
Waste Volumes and Percent Ranges
(in cubic meters)

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Waste Generator
Waste Class

Total WHC_LLVP

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							640	640	640	640	640	640	640	640	640

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Vol	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200

	Total
Vol	40,960

F101

SOLID WASTE FORECAST FY1997
Waste Volumes and Percent Ranges
(in cubic meters)

Waste Generator
Waste Class

WHC_SST_LLE — End Of Lifecycle: 2024

RH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol						590	657	88	571	1,127	783	1,083	1,584	2,109	2,082
Min%						50	50	50	50	50	50	50	50	50	50
Max%						133	133	133	133	133	133	133	133	133	133

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Vol	2,451	1,857	2,524	2,750	538	1,077	646							
Min%	50	50	50	50	50	50	50							
Max%	133	133	133	133	133	133	133							

End of Lifecycle Reached

	Total
Vol	22,518

CH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol						164	164	164							
Min%						33	33	33							
Max%						100	100	100							

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Vol														
Min%														
Max%														

End of Lifecycle Reached

	Total
Vol	492

RH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol						164	164	164							
Min%						33	33	33							
Max%						100	100	100							

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Vol														
Min%														
Max%														

End of Lifecycle Reached

	Total
Vol	492

Date: 6/19/96

SOLID WASTE FORECAST FY1997
Waste Volumes and Percent Ranges
(In cubic meters)

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Waste Generator
Waste Class

Total WHC_SST_LLE

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol						917	985	416	571	1,127	783	1,083	1,584	2,109	2,082
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Vol	2,451	1,857	2,524	2,750	538	1,077	646								
	Total														
Vol	23,501														

Waste Generator
Waste Class

WHC_SST_RET End Of Lifecycle: 2018

CH_LLW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									16	21	4	12	33	28	36
Min%									50	50	50	50	50	50	50
Max%									200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018
Vol	50	60	61	90	41	86	65	
Min%	50	50	50	50	50	50	50	
Max%	200	200	200	200	200	200	200	

End of Lifecycle Reached

	Total
Vol	603

CH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									9	12	2	7	19	16	21
Min%									50	50	50	50	50	50	50
Max%									200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018
Vol	30	34	35	52	24	86	38	
Min%	50	50	50	50	50	50	50	
Max%	200	200	200	200	200	200	200	

End of Lifecycle Reached

	Total
Vol	385

CH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									14	17	4	10	27	24	31
Min%									50	50	50	50	50	50	50
Max%									200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018
Vol	40	52	51	76	34	72	55	
Min%	50	50	50	50	50	50	50	
Max%	200	200	200	200	200	200	200	

End of Lifecycle Reached

	Total
Vol	507

SOLID WASTE FORECAST FY1997
Waste Volumes and Percent Ranges
(in cubic meters)

Waste Generator
Waste Class

RH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									4	5	1	3	8	7	10
Min%									50	50	50	50	50	50	50
Max%									200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018
Vol	10	18	16	23	11	22	17	
Min%	50	50	50	50	50	50	50	
Max%	200	200	200	200	200	200	200	

End of Lifecycle Reached

	Total
Vol	155

RH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									6	8	2	5	13	11	14
Min%									50	50	50	50	50	50	50
Max%									200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018
Vol	20	22	23	35	16	33	25	
Min%	50	50	50	50	50	50	50	
Max%	200	200	200	200	200	200	200	

End of Lifecycle Reached

	Total
Vol	233

Total WHC_SST_RET

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									49	63	13	37	100	86	112

	2011	2012	2013	2014	2015	2016	2017	2018
Vol	150	186	186	276	126	299	200	

	Total
Vol	1,883

Container Types

Waste Generator
Waste Class, Container

WHC_HLVP End Of Lifecycle: 2028

CH_LLW_I, H-2-42701 (4x4x8) Percent Full: 100 Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							12	12	12	12	12	12	12		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			62	62	62	62	62	62	62	62	62	62	62	62	62
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	62	62	62												
End of Lifecycle Reached															
	Total														
Cont. Count	1,076														

Total WHC_HLVP, CH_LLW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							12	12	12	12	12	12	12		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			62	62	62	62	62	62	62	62	62	62	62	62	62
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	62	62	62												
	Total														
Cont. Count	1,076														

CH_LLW_III, H-2-42701 (4x4x8) Percent Full: 100 Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							37	37	37	37	37	37	37		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			185	185	185	185	185	185	185	185	185	185	185	185	185
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	185	185	185												
End of Lifecycle Reached															
	Total														
Cont. Count	3,219														

Waste Generator
Waste Class, Container

Total WHC_HLVP, CH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							37	37	37	37	37	37	37		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			185	185	185	185	185	185	185	185	185	185	185	185	185
	2026	**2027**	**2028**												
Percentage	100	100	100												
Cont. Count	185	185	185												
	Total														
Cont. Count	3,219														

RH_LLW_III, MB-V (4x4x8) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							10	10	10	10	10	10	10		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			51	51	51	51	51	51	51	51	51	51	51	51	51
	2026	**2027**	**2028**												
Percentage	100	100	100												
Cont. Count	51	51	51												
End of Lifecycle Reached															
	Total														
Cont. Count	886														

Total WHC_HLVP, RH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							10	10	10	10	10	10	10		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			51	51	51	51	51	51	51	51	51	51	51	51	51
	2026	**2027**	**2028**												
Percentage	100	100	100												
Cont. Count	51	51	51												
	Total														
Cont. Count	886														

Container Types

Waste Generator

Waste Class, Container

CH_LLMW_I, 208 L Drum (1A2) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							78	78	78	78	78	78	78		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			389	389	389	389	389	389	389	389	389	389	389	389	389
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	389	389	389												
End of Lifecycle Reached															
	Total														
Cont. Count	6,770														

Total WHC_HLVP, CH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							78	78	78	78	78	78	78		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			389	389	389	389	389	389	389	389	389	389	389	389	389
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	389	389	389												
	Total														
Cont. Count	6,770														

CH_LLMW_III, 208 L Drum (1A2) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							156	156	156	156	156	156	156		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			778	778	778	778	778	778	778	778	778	778	778	778	778
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	778	778	778												
End of Lifecycle Reached															
	Total														
Cont. Count	13,540														

Container Types

Waste Generator

Waste Class, Container

Total WHC_HLVP, CH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							156	156	156	156	156	156	156		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			778	778	778	778	778	778	778	778	778	778	778	778	778
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	778	778	778												
	Total														
Cont. Count	13,540														

CH_TRUM, 208 L Drum (1A2) Percent Full: 100 Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							39	39	39	39	39	39	39		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			195	195	195	195	195	195	195	195	195	195	195	195	195
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	195	195	195												
	End of Lifecycle Reached														
	Total														
Cont. Count	3,393														

Total WHC_HLVP, CH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							39	39	39	39	39	39	39		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			195	195	195	195	195	195	195	195	195	195	195	195	195
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	195	195	195												
	Total														
Cont. Count	3,393														

Container Types

Waste Generator

Waste Class, Container

RH_TRUM, SWB — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							5	5	5	5	5	5	5		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			24	24	24	24	24	24	24	24	24	24	24	24	24
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	24	24	24												
End of Lifecycle Reached															
	Total														
Cont. Count	419														

Total WHC_HLVP, RH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							5	5	5	5	5	5	5		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			24	24	24	24	24	24	24	24	24	24	24	24	24
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	24	24	24												
	Total														
Cont. Count	419														

HAZ, 208 L Drum (1A2) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							39	39	39	39	39	39	39		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			195	195	195	195	195	195	195	195	195	195	195	195	195
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	195	195	195												
End of Lifecycle Reached															
	Total														
Cont. Count	3,393														

Waste Generator
Waste Class, Container

Total WHC_HLVP, HAZ

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							39	39	39	39	39	39	39		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			195	195	195	195	195	195	195	195	195	195	195	195	195
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	195	195	195												
	Total														
Cont. Count	3,393														

Container Types

Waste Generator

Waste Class, Container

WHC_LLVP End Of Lifecycle: 2021

CH_LLW_I, H-2-42701 (4x4x8) Percent Full: 100 Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							59	59	59	59	59	59	59	59	59

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100
Cont. Count	296	296	296	296	296	296	296	296	296	296	296

End of Lifecycle Reached

	Total
Cont. Count	3,787

Total WHC_LLVP, CH_LLW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							59	59	59	59	59	59	59	59	59

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100
Cont. Count	296	296	296	296	296	296	296	296	296	296	296

	Total
Cont. Count	3,787

CH_LLW_III, H-2-42701 (4x4x8) Percent Full: 100 Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							59	59	59	59	59	59	59	59	59

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100
Cont. Count	296	296	296	296	296	296	296	296	296	296	296

End of Lifecycle Reached

	Total
Cont. Count	3,787

Total WHC_LLVP, CH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							59	59	59	59	59	59	59	59	59

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100
Cont. Count	296	296	296	296	296	296	296	296	296	296	296

	Total
Cont. Count	3,787

Container Types

Waste Generator

Waste Class, Container

RH_LLW_III, MB-V (4x4x8) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							15	15	15	15	15	15	15	15	15
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				
Cont. Count	76	76	76	76	76	76	76	76	76	76	76				
End of Lifecycle Reached															
	Total														
Cont. Count	971														

Total WHC_LLVP, RH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							15	15	15	15	15	15	15	15	15
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				
Cont. Count	76	76	76	76	76	76	76	76	76	76	76				
	Total														
Cont. Count	971														

CH_LLMW_I, 208 L Drum (1A2) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							156	156	156	156	156	156	156	156	156
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				
Cont. Count	778	778	778	778	778	778	778	778	778	778	778				
End of Lifecycle Reached															
	Total														
Cont. Count	9,962														

Total WHC_LLVP, CH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							156	156	156	156	156	156	156	156	156
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				
Cont. Count	778	778	778	778	778	778	778	778	778	778	778				
	Total														
Cont. Count	9,962														

Waste Generator

Waste Class, Container

CH_LLMW_III, 208 L Drum (1A2) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							156	156	156	156	156	156	156	156	156

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100
Cont. Count	778	778	778	778	778	778	778	778	778	778	778

End of Lifecycle Reached

	Total
Cont. Count	9,962

Total WHC_LLVP, CH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							156	156	156	156	156	156	156	156	156

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100
Cont. Count	778	778	778	778	778	778	778	778	778	778	778

	Total
Cont. Count	9,962

HAZ, 208 L Drum (1A2) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							78	78	78	78	78	78	78	78	78

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100
Cont. Count	389	389	389	389	389	389	389	389	389	389	389

End of Lifecycle Reached

	Total
Cont. Count	4,981

Total WHC_LLVP, HAZ

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							78	78	78	78	78	78	78	78	78

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100
Cont. Count	389	389	389	389	389	389	389	389	389	389	389

	Total
Cont. Count	4,981

Container Types

Waste Generator

Waste Class, Container

WHC_SST_LLE End Of Lifecycle: 2024

RH_LLMW_III, LEC-10 — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						12	14	24	10	13	16	15	13	13	13
Cont. Count						10	13	3	8	21	18	23	30	40	39

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	16	10	15	10										
Cont. Count	57	26	54	41										

End of Lifecycle Reached Total

Cont. Count 383

RH_LLMW_III, LEC-11 — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						21	7	11	5	6	7	7	6	7	6
Cont. Count						13	5	1	3	7	6	8	10	15	14

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	8	5	7	5										
Cont. Count	20	9	19	15										

End of Lifecycle Reached Total

Cont. Count 145

RH_LLMW_III, LEC-12 — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						2	2		12	7	3	5	8	6	7
Cont. Count						1	1		5	6	2	4	9	9	11

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	7	11	9	11	25	25	25							
Cont. Count	13	16	17	23	10	20	12							

End of Lifecycle Reached Total

Cont. Count 159

Container Types

Waste Generator

Waste Class, Container

RH_LLMW_III, LEC-13 — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						6	5	20	3	6	7	7	2	8	6
Cont. Count						2	2	1	1	4	3	4	2	10	7

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	5	5	7	5										
Cont. Count	7	5	10	7										

End of Lifecycle Reached

Total

Cont. Count 65

RH_LLMW_III, LEC-14 — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						34	43	46	28	39	51	44	43	38	40
Cont. Count						5	7	1	4	11	10	12	17	20	21

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	34	30	46	32										
Cont. Count	21	14	29	22										

End of Lifecycle Reached

Total

Cont. Count 194

RH_LLMW_III, LEC-15 — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						7	12		43	29	16	22	28	25	27
Cont. Count						1	2		6	8	3	6	11	13	14

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	30	39	16	37	75	75	75							
Cont. Count	18	18	10	25	10	20	12							

End of Lifecycle Reached

Total

Cont. Count 177

Container Types

Waste Generator

Waste Class, Container

RH_LLMW_III, LEC-16 — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						19	17								
Cont. Count						2	2								

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage														
Cont. Count														

End of Lifecycle Reached

	Total
Cont. Count	4

RH_LLMW_III, LEC-18 — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage														3	
Cont. Count														1	

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage														
Cont. Count														

End of Lifecycle Reached

	Total
Cont. Count	1

Total WHC_SST_LLE, RH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
Cont. Count						34	32	6	27	57	42	57	79	108	106

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	100	100	100	100	100	100	100							
Cont. Count	136	88	139	133	20	40	24							

	Total
Cont. Count	1,128

Container Types

Waste Generator

Waste Class, Container

CH_TRUM, LEC-16 — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
Cont. Count						3	3	3							

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage														
Cont. Count														

End of Lifecycle Reached

	Total
Cont. Count	9

Total WHC_SST_LLE, CH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
Cont. Count						3	3	3							

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage														
Cont. Count														

	Total
Cont. Count	9

RH_TRUM, LEC-16 — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
Cont. Count						3	3	3							

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage														
Cont. Count														

End of Lifecycle Reached

	Total
Cont. Count	9

Total WHC_SST_LLE, RH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
Cont. Count						3	3	3							

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage														
Cont. Count														

	Total
Cont. Count	9

Container Types

Waste Generator

Waste Class, Container

WHC_SST_RET End Of Lifecycle: 2018

CH_LLW_I, 208 L Drum (1A1) Percent Full: 100 Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									66	87	17	50	136	116	149

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	207	248	252	372	169	355	269	

End of Lifecycle Reached

	Total
Cont. Count	2,493

Total WHC_SST_RET, CH_LLW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									66	87	17	50	136	116	149

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	207	248	252	372	169	355	269	

	Total
Cont. Count	2,493

CH_LLMW_I, 208 L Drum (1A1) Percent Full: 100 Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									37	50	8	29	79	66	87

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	124	140	145	215	99	355	157	

End of Lifecycle Reached

	Total
Cont. Count	1,591

Total WHC_SST_RET, CH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									37	50	8	29	79	66	87

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	124	140	145	215	99	355	157	

	Total
Cont. Count	1,591

Container Types

Waste Generator

Waste Class, Container

CH_LLMW_III, 208 L Drum (1A1) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									58	70	17	41	112	99	128

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	165	215	211	314	140	298	227	

End of Lifecycle Reached

	Total
Cont. Count	2,095

Total WHC_SST_RET, CH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									58	70	17	41	112	99	128

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	165	215	211	314	140	298	227	

	Total
Cont. Count	2,095

RH_LLMW_I, 208 L Drum (1A1) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									17	21	4	12	33	29	41

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	41	74	66	95	45	91	70	

End of Lifecycle Reached

	Total
Cont. Count	639

Total WHC_SST_RET, RH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									17	21	4	12	33	29	41

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	41	74	66	95	45	91	70	

	Total
Cont. Count	639

Waste Generator

Waste Class, Container

RH_LLMW_III, 208 L Drum (lead-lined) — Percent Full: 100 — Shielded: No

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									23	31	8	19	51	43	54
	2011	2012	2013	2014	2015	2016	2017	2018							
Percentage	100	100	100	100	100	100	100								
Cont. Count	78	86	89	136	62	128	97								
End of Lifecycle Reached															
	Total														
Cont. Count	905														

Total WHC_SST_RET, RH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									23	31	8	19	51	43	54
	2011	2012	2013	2014	2015	2016	2017	2018							
Percentage	100	100	100	100	100	100	100								
Cont. Count	78	86	89	136	62	128	97								
	Total														
Cont. Count	905														

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

WHC_HLVP End Of Lifecycle: 2028

CH_LLW_I, H-2-42701 (4x4x8), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

Total WHC_HLVP, CH_LLW_I, H-2-42701 (4x4x8)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

CH_LLW_III, H-2-42701 (4x4x8), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

Total WHC_HLVP, CH_LLW_III, H-2-42701 (4x4x8)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

RH_LLW_III, MB-V (4x4x8), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

Total WHC_HLVP, RH_LLW_III, MB-V (4x4x8)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

CH_LLMW_I, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

Total WHC_HLVP, CH_LLMW_I, 208 L Drum (1A2)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

CH_LLMW_III, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

Total WHC_HLVP, CH_LLMW_III, 208 L Drum (1A2)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

CH_TRUM, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

Total WHC_HLVP, CH_TRUM, 208 L Drum (1A2)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

RH_TRUM, SWB, D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

Total WHC_HLVP, RH_TRUM, SWB

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

HAZ, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

Total WHC_HLVP, HAZ, 208 L Drum (1A2)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

WHC_LLVP End Of Lifecycle: 2021

CH_LLW_I, H-2-42701 (4x4x8), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

Total WHC_LLVP, CH_LLW_I, H-2-42701 (4x4x8)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

CH_LLW_III, H-2-42701 (4x4x8), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

Total WHC_LLVP, CH_LLW_III, H-2-42701 (4x4x8)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

RH_LLW_III, MB-V (4x4x8), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

Total WHC_LLVP, RH_LLW_III, MB-V (4x4x8)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

CH_LLMW_I, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

Total WHC_LLVP, CH_LLMW_I, 208 L Drum (1A2)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

CH_LLMW_III, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

Total WHC_LLVP, CH_LLMW_III, 208 L Drum (1A2)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

HAZ, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

Total WHC_LLVP, HAZ, 208 L Drum (1A2)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

WHC_SST_LLE End Of Lifecycle: 2024

RH_LLMW_III, LEC-10, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-10

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

RH_LLMW_III, LEC-11, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-11

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

RH_LLMW_III, LEC-12, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100	100	100	100								

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-12

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100	100	100	100								

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

RH_LLMW_III, LEC-13, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-13

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

RH_LLMW_III, LEC-14, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-14

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

RH_LLMW_III, LEC-15, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100	100	100	100								

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-15

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100	100	100	100								

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

RH_LLMW_III, LEC-16, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-16

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

RH_LLMW_III, LEC-18, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage														100	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-18

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage														100	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

CH_TRUM, LEC-16, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

Total WHC_SST_LLE, CH_TRUM, LEC-16

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

RH_TRUM, LEC-16, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

Total WHC_SST_LLE, RH_TRUM, LEC-16

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

WHC_SST_RET End Of Lifecycle: 2018

CH_LLW_I, 208 L Drum (1A1), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

Total WHC_SST_RET, CH_LLW_I, 208 L Drum (1A1)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

CH_LLMW_I, 208 L Drum (1A1), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

Total WHC_SST_RET, CH_LLMW_I, 208 L Drum (1A1)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

CH_LLMW_III, 208 L Drum (1A1), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

Total WHC_SST_RET, CH_LLMW_III, 208 L Drum (1A1)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

Physical Waste Forms

Waste Generator

Waste Class, Container, Physical Waste Form

RH_LLMW_I, 208 L Drum (1A1), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

Total WHC_SST_RET, RH_LLMW_I, 208 L Drum (1A1)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

RH_LLMW_III, 208 L Drum (lead-lined), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

Total WHC_SST_RET, RH_LLMW_III, 208 L Drum (lead-lined)

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

Hazardous Constituents

Waste Generator

Waste Class, Container, Physical Waste Form, Hazardous Constituent

WHC_HLVP End Of Lifecycle: 2028

CH_LLMW_I, 208 L Drum (1A2), D INORG, WT-WP-WSC2

Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage		100	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	2028												
Percentage 100	100	100												

End of Lifecycle Reached

Total WHC_HLVP, CH_LLMW_I, 208 L Drum (1A2), D INORG

Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage		100	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	2028												
Percentage 100	100	100												

CH_LLMW_III, 208 L Drum (1A2), D INORG, WT-WP-WSC2

Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage		100	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	2028												
Percentage 100	100	100												

End of Lifecycle Reached

Total WHC_HLVP, CH_LLMW_III, 208 L Drum (1A2), D INORG

Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage		100	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	2028												
Percentage 100	100	100												

CH_TRUM, 208 L Drum (1A2), D INORG, WT-WP-WSC2

Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage		100	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	2028												
Percentage 100	100	100												

End of Lifecycle Reached

Hazardous Constituents

Waste Generator

Waste Class, Container, Physical Waste Form, Hazardous Constituent

Total WHC_HLVP, CH_TRUM, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

RH_TRUM, SWB, D INORG, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

Total WHC_HLVP, RH_TRUM, SWB, D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

HAZ, 208 L Drum (1A2), D INORG, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

Total WHC_HLVP, HAZ, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

F104 Legend: A = Ignitable, B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT, WP, WSC2, H = PCB < 50 ppm, J = PCB >= 50 ppm

Waste Generator

Waste Class, Container, Physical Waste Form, Hazardous Constituent

WHC_LLVP End Of Lifecycle: 2021

CH_LLMW_I, 208 L Drum (1A2), D INORG, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100

End of Lifecycle Reached

Total WHC_LLVP, CH_LLMW_I, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100

CH_LLMW_III, 208 L Drum (1A2), D INORG, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100

End of Lifecycle Reached

Total WHC_LLVP, CH_LLMW_III, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100

HAZ, 208 L Drum (1A2), D INORG, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100

End of Lifecycle Reached

Total WHC_LLVP, HAZ, 208 L Drum (1A2), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100

F104 Legend: A = Ignitable, B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT, WP, WSC2, H = PCB < 50 ppm, J = PCB >= 50 ppm

Hazardous Constituents

Waste Generator

Waste Class, Container, Physical Waste Form, Hazardous Constituent

WHC_SST_LLE End Of Lifecycle: 2024

RH_LLMW_III, LEC-10, D METAL-CONT, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	100	100	100	100										

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-10, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	100	100	100	100										

RH_LLMW_III, LEC-11, D METAL-CONT, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	100	100	100	100										

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-11, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	100	100	100	100										

RH_LLMW_III, LEC-12, D METAL-CONT, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	100	100	100	100	100	100	100							

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-12, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	100	100	100	100	100	100	100							

Hazardous Constituents

Waste Generator

Waste Class, Container, Physical Waste Form, Hazardous Constituent

RH_LLMW_III, LEC-13, D METAL-CONT, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-13, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

RH_LLMW_III, LEC-14, D METAL-CONT, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-14, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

RH_LLMW_III, LEC-15, D METAL-CONT, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100	100	100	100								

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-15, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100	100	100	100								

F104 Legend: A = Ignitable, B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT, WP, WSC2, H = PCB < 50 ppm, J = PCB >= 50 ppm

Waste Generator
Waste Class, Container, Physical Waste Form, Hazardous Constituent

RH_LLMW_III, LEC-16, D METAL-CONT, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-16, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

RH_LLMW_III, LEC-18, D METAL-CONT, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage														100	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

Total WHC_SST_LLE, RH_LLMW_III, LEC-18, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage														100	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

CH_TRUM, LEC-16, D METAL-CONT, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

Total WHC_SST_LLE, CH_TRUM, LEC-16, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

F104 Legend: A = Ignitable, B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT, WP, WSC2, H = PCB < 50 ppm, J = PCB >= 50 ppm

Hazardous Constituents

Waste Generator

Waste Class, Container, Physical Waste Form, Hazardous Constituent

RH_TRUM, LEC-16, D METAL-CONT, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

Total WHC_SST_LLE, RH_TRUM, LEC-16, D METAL-CONT

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

F104 Legend: A = Ignitable, B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT, WP, WSC2, H = PCB < 50 ppm, J = PCB >= 50 ppm

Hazardous Constituents

Waste Generator

Waste Class, Container, Physical Waste Form, Hazardous Constituent

WHC_SST_RET End Of Lifecycle: 2018

CH_LLMW_I, 208 L Drum (1A1), D INORG, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

Total WHC_SST_RET, CH_LLMW_I, 208 L Drum (1A1), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

CH_LLMW_III, 208 L Drum (1A1), D INORG, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

Total WHC_SST_RET, CH_LLMW_III, 208 L Drum (1A1), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

RH_LLMW_I, 208 L Drum (1A1), D INORG, WT-WP-WSC2

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

Total WHC_SST_RET, RH_LLMW_I, 208 L Drum (1A1), D INORG

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

F104 Legend: A = Ignitable, B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT, WP, WSC2, H = PCB < 50 ppm, J = PCB >= 50 ppm

Radionuclide Concentrations
(in curies per cubic meter)

Waste Generator

Waste Class, Container, Physical Waste Form, Radionuclide

WHC_HLVP End Of Lifecycle: 2028

CH_LLW_I, H-2-42701 (4x4x8), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
	2026	2027	2028												
Concentration	.001	.001	.001												

End of Lifecycle Reached

CH_LLW_I, H-2-42701 (4x4x8), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
	2026	2027	2028												
Concentration	.001	.001	.001												

End of Lifecycle Reached

CH_LLW_III, H-2-42701 (4x4x8), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

CH_LLW_III, H-2-42701 (4x4x8), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

RH_LLW_III, MB-V (4x4x8), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Concentration	100	100	100												

End of Lifecycle Reached

Radionuclide Concentrations
(in curies per cubic meter)

Waste Generator

Waste Class, Container, Physical Waste Form, Radionuclide

RH_LLW_III, MB-V (4x4x8), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Concentration	100	100	100												

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
	2026	2027	2028												
Concentration	.001	.001	.001												

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
	2026	2027	2028												
Concentration	.001	.001	.001												

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

Radionuclide Concentrations
(in curies per cubic meter)

Waste Generator

Waste Class, Container, Physical Waste Form, Radionuclide

CH_TRUM, 208 L Drum (1A2), D INORG, PLUTONIUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							1	1	1	1	1	1	1		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			1	1	1	1	1	1	1	1	1	1	1	1	1
	2026	2027	2028												
Concentration	1	1	1												

End of Lifecycle Reached

CH_TRUM, 208 L Drum (1A2), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

CH_TRUM, 208 L Drum (1A2), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

RH_TRUM, SWB, D INORG, PLUTONIUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							1	1	1	1	1	1	1		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			1	1	1	1	1	1	1	1	1	1	1	1	1
	2026	2027	2028												
Concentration	1	1	1												

End of Lifecycle Reached

RH_TRUM, SWB, D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Concentration	100	100	100												

End of Lifecycle Reached

Radionuclide Concentrations
(In curies per cubic meter)

Waste Generator

Waste Class, Container, Physical Waste Form, Radionuclide

RH_TRUM, SWB, D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Concentration	100	100	100												

End of Lifecycle Reached

Radionuclide Concentrations
(in curies per cubic meter)

Waste Generator

Waste Class, Container, Physical Waste Form, Radionuclide

WHC_LLVP End Of Lifecycle: **2021**

CH_LLW_I, H-2-42701 (4x4x8), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001

End of Lifecycle Reached

CH_LLW_I, H-2-42701 (4x4x8), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001

End of Lifecycle Reached

CH_LLW_III, H-2-42701 (4x4x8), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10	10	10

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	10	10	10	10	10	10	10	10	10	10	10

End of Lifecycle Reached

CH_LLW_III, H-2-42701 (4x4x8), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10	10	10

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	10	10	10	10	10	10	10	10	10	10	10

End of Lifecycle Reached

RH_LLW_III, MB-V (4x4x8), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	100	100	100	100	100	100	100	100	100	100	100

End of Lifecycle Reached

RH_LLW_III, MB-V (4x4x8), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	100	100	100	100	100	100	100	100	100	100	100

End of Lifecycle Reached

Waste Generator

Waste Class, Container, Physical Waste Form, Radionuclide

CH_LLMW_I, 208 L Drum (1A2), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10	10	10

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	10	10	10	10	10	10	10	10	10	10	10

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10	10	10

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	10	10	10	10	10	10	10	10	10	10	10

End of Lifecycle Reached

Waste Generator
Waste Class, Container, Physical Waste Form, Radionuclide

WHC_SST_LLE End Of Lifecycle: 2024

RH_LLMW_III, LEC-10, D METAL-CONT, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-10, D METAL-CONT, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-11, D METAL-CONT, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-11, D METAL-CONT, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-12, D METAL-CONT, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100	100	100	100								

End of Lifecycle Reached

RH_LLMW_III, LEC-12, D METAL-CONT, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100	100	100	100								

End of Lifecycle Reached

Radionuclide Concentrations
(in curies per cubic meter)

Waste Generator

Waste Class, Container, Physical Waste Form, Radionuclide

RH_LLMW_III, LEC-13, D METAL-CONT, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-13, D METAL-CONT, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-14, D METAL-CONT, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-14, D METAL-CONT, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-15, D METAL-CONT, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100	100	100	100								

End of Lifecycle Reached

RH_LLMW_III, LEC-15, D METAL-CONT, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100	100	100	100								

End of Lifecycle Reached

Waste Generator

Waste Class, Container, Physical Waste Form, Radionuclide

RH_LLMW_III, LEC-16, D METAL-CONT, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

RH_LLMW_III, LEC-16, D METAL-CONT, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

RH_LLMW_III, LEC-18, D METAL-CONT, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration														100	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

RH_LLMW_III, LEC-18, D METAL-CONT, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration														100	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

CH_TRUM, LEC-16, D METAL-CONT, PLUTONIUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						1	1	1							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

CH_TRUM, LEC-16, D METAL-CONT, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						10	10	10							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

Waste Generator
Waste Class, Container, Physical Waste Form, Radionuclide

CH_TRUM, LEC-16, D METAL-CONT, STRONTIUM90

Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration					10	10	10							
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration														

End of Lifecycle Reached

RH_TRUM, LEC-16, D METAL-CONT, PLUTONIUM

Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration					1	1	1							
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration														

End of Lifecycle Reached

RH_TRUM, LEC-16, D METAL-CONT, CESIUM137

Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration					100	100	100							
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration														

End of Lifecycle Reached

RH_TRUM, LEC-16, D METAL-CONT, STRONTIUM90

Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration					100	100	100							
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration														

End of Lifecycle Reached

Radionuclide Concentrations
(in curies per cubic meter)

Waste Generator
Waste Class, Container, Physical Waste Form, Radionuclide

WHC_SST_RET End Of Lifecycle: 2018

CH_LLW_I, 208 L Drum (1A1), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	.001	.001	.001	.001	.001	.001	.001	

End of Lifecycle Reached

CH_LLW_I, 208 L Drum (1A1), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	.001	.001	.001	.001	.001	.001	.001	

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A1), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	.001	.001	.001	.001	.001	.001	.001	

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A1), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	.001	.001	.001	.001	.001	.001	.001	

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A1), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									10	10	10	10	10	10	10

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	10	10	10	10	10	10	10	

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A1), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									10	10	10	10	10	10	10

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	10	10	10	10	10	10	10	

End of Lifecycle Reached

Radionuclide Concentrations
(In curies per cubic meter)

Waste Generator

Waste Class, Container, Physical Waste Form, Radionuclide

RH_LLMW_I, 208 L Drum (1A1), D INORG, CESIUM137

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	100	100	100	100	100	100	100	

End of Lifecycle Reached

RH_LLMW_I, 208 L Drum (1A1), D INORG, STRONTIUM90

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	100	100	100	100	100	100	100	

End of Lifecycle Reached

Questionnaire

Waste Generator	Question Answer
WHC_HLVP	1: Please indicate which program is funding your activities (select only one): EM-60 (Landlord) EM-40 (Environmental Restoration) EM-30 ... Analytical Services Liquid Waste PNNL RCRA Monitoring Solid Waste Spent Nuclear Fuels Transition Projects TWRS TWRS
WHC_HLVP	2: Please describe your current mission, and how the waste classes result from this mission. The TWRS mission is to retrieve and dispose of tank waste. The high level vitrification plant treats and vitrifies the high level waste for disposal. design exists for the planned facilities. As a result, the estimates in this forecast are preliminary.
WHC_HLVP	3: Please describe generated waste classes and explain how they will be generated. The high level vitrification plant is a large processing facility. Wastes are generated by operations and maintenance activities. The plant operation will generate low level waste and and low level mixed waste. The plant will also generate remote handled low level waste. The plant will also generate a small quantity of contact handled and remote handled TRU mixed waste. All TRU waste is also expected to be mixed waste.
WHC_HLVP	4: Please provide a description of your HELD waste i.e., waste forms. Are the volumes for HELD waste different from last year's forecast? (Yes/No). If Yes, Please explain. This facility does not exist. Earliest start date for high level vitrification is 2002.
WHC_HLVP	5: Have your waste volumes changed from your previous forecast? (Yes/No). If 'Yes', please explain. Yes. The volumes have changed since the last forecast because the baseline is now "privatization" which consists of two phases. The first phase i a demonstration and the second phase is full scale. The waste volume during the demonstration is one fifth of the volume generated during the full scale operation. The full scale operation is expected to generate about the same amount of waste annually as the Purex plant generated annually during the 1980's.
WHC_HLVP	6 a/b: (a) Have you excluded any waste generation from potential future projects that are not in the official baseline? (b) Do you foresee any facilities that are not currently your responsibility that will be in the future that are not forecasted? (c)Are these variations provided in your extimation of the Min and Max values? Please explain. a. No

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Waste Generator	Question Answer
	b. No
	c. N/A
WHC_HLVP	7: Will waste be separated into like waste forms prior to shipping? For example, if you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers, or will the waste b combined and placed into one container? Please explain for each waste class. Waste will generally be packaged as generated. If the wastes are generated separately, the wastes will be packaged separately.
WHC_HLVP	8 a/b: (a) Will you generate hazardous or mixed waste? (Yes/No) If 'Yes', (b) Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping? That is, 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? a. Yes b. Wastes contaminated by tank waste may contain hazardous constituents. Segregation will be used to maximum extent possible.
WHC_HLVP	9: Please describe your quarterly expected shipping schedule for each applicable waste class during FY 1997. For example: 40% of waste shipped during the first quarter, 20% shipped in the second quarter, 40% shipped in the fourth quarter. N/A. This facility does not start until 2002 or later.
WHC_HLVP	10: Discuss the assumptions that were used to prepare this forecast. The demonstration plant begins in 2002 and operates through 2008. The full scale plant begins in 2013 and runs through 2028. All of the tank waste is retrieved and processed. The schedule is based on the TWRS Disposal Program OWVP for March 1, 1996, updated May 14, 1996.
WHC_HLVP	11: Please list any Tri-Party Agreement (TPA) milestones that affect your facility/program. For each TPA milestone please indicate your status in achieving the milestone and whether these milestones are reflected in your forecast. The related milestones are discussed in a memorandum from John Wagoner to the Department of Ecology, "Completion of Negotiations of Hanfor Federal Facility Agreement and Consent Order Milestones M-50-00, M-51-00, and M-60-00," dated December 21, 1995.
WHC_HL	12: What assumptions were used in estimating the minimum and maximum waste percentages identified in Table 1? For example, the minimum waste % is based upon the majority of the waste being sent to a commercial disposal site. The maximum waste % is based upon additional projects being initiated that will generate waste not accounted for in the best estimate volume. The waste numbers are very preliminary and were generally given a range of 50% to 200%, primarily due to the uncertainty of dealing with preliminary facility and processing concepts.

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Waste Generator	Question Answer
VHC_HLVP	13: Please provide a description of how the radionuclides were determined? For example, historical data or sample analysis data were used. The radionuclide estimates are preliminary based on expected feed materials and processes. Reference WHC-SD-WM-TI-694, "Tank Waste Remediation System Optimized Processing Strategy." Cesium-137 and Strontium-90 generally dominate all other radionuclides in the tank waste.
VHC_HLVP	14 a/b/c: Indicate confidence levels for the following waste characterization data: For example, the physical waste forms are based upon historical characterization information. (a) Physical Waste Forms High Low Medium Explain: (b) Hazardous Constituents High Low Medium Explain: (c) Radiation Type High Low Medium Explain: a. Meduium. The physical waste forms are based on waste historically generated by Hanford processing facilities and the knowledge of the characteristics of tank waste. b. Medium c. Medium

Questionnaire

Waste Generator	Question Answer
VHC_HLVP	15 a/b/c: (a) What percentage of the waste forecasted is existing waste and what percentage is future generated waste? (b) Of your existing waste, how confident are you in the current shipping schedule? (High, Low, Medium) Explain: (c) Of your future generated waste, how confident are you in the volumes and shipping schedule? (High, Low, Medium) Explain: a. All waste is to be generated in the future. b. N/A c. Low. Schedules are subject to change due to contracting uncertainties at Hanford and with the privatized contracts.
VHC_HLVP	16 a/b/c: Indicate whether your forecast includes: operational, terminal clean-out & stabilization (TC&S) ,and/or D&D wastes. Does this forecast include: (a) Operational waste? (b) Terminal clean-out & stabilization waste (TC&S)? (c) Decontamination & Decommissioning waste (D&D)? a. Yes b. No c. No
WHC_HLVP	17: If you have not included TC&S or D&D waste, will this waste potentially be managed at Hanford? (Yes/No) If 'Yes', please provide an estimate of the expected volumes. Terminal cleanout and D&D will be after 2008 for the demonstration facility and after 2028 for the full scale facility. How this waste is handled is unknown.
WHC_HL A-65	18: When will your facility transition into a terminal clean-out and stabilization mission? This is unknown.
WHC_HLVP	19: When is your facility expected to be added to the Surplus Facility List? This is unknown.

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Waste Generator	Question Answer
WHC_HLVP	20: Will waste be generated between terminal clean-out/stabilization and D&D? (Yes/No) If 'Yes', please provide a waste description and identify the organization and department that has responsibility for this close-out waste? This is unknown.
WHC_HLVP	21: What document titles and numbers can be provided that give insight into solid waste generation at your facility? Please provide a list of document titles and document numbers that provide insight into solid waste generated during operations, terminal clean-out and stabilization activities and or D&D activities. Reference WHC-SD-WM-TI-694, "Tank Waste Remediation System Optimized Processing Strategy."
WHC_HLVP	22: Does your facility have an approved Site Treatment Plan (STP) or a Proposed Site Treatment Plan (PSTP) in progress? NOTE - OFFSITE GENERATORS ONLY, re: Richland Operations Office Letter (RL) #95-SWT-174, Guidance for Acceptance of Offsite Mixed Waste. Not applicable
WHC_LLVP	1: Please indicate which program is funding your activities (select only one): EM-60 (Landlord) EM-40 (Environmental Restoration) EM-30 ... Analytical Services Liquid Waste PNNL RCRA Monitoring Solid Waste Spent Nuclear Fuels Transition Projects TWRS TWRS
WHC_LLVP	2: Please describe your current mission, and how the waste classes result from this mission. The TWRS mission is to retrieve and dispose of tank waste. The low level vitrification plant treats and vitrifies the low level waste for disposal. No design exists for the planned facilities. As a result, the estimates in this forecast are preliminary.
WHC_LLVP A-66	3: Please describe generated waste classes and explain how they will be generated. The low level vitrification plant is a large processing facility even larger than the high level vitrification plant. Wastes are generated by operations and maintenance activities. The plant operation will generate low level waste and and low level mixed waste. The plant will also generate remote handled low level waste. The plant is not expected to generate TRU waste.
WHC_LLVP	4: Please provide a description of your HELD waste i.e., waste forms. Are the volumes for HELD waste different from last year's forecast? (Yes/No). If Yes, Please explain. This facility does not exist. Earliest start date for low level vitrification is 2002.

Questionnaire

Waste Generator	Question Answer
WHC_LLVP	5: Have your waste volumes changed from your previous forecast? (Yes/No). If 'Yes', please explain. Yes. The volumes have changed since the last forecast because the baseline is now "privatization" which consists of two phases. The first phase i a demonstration and the second phase is full scale. The waste volume during the demonstration is one fifth of the volume generated during the full scale operation. The full scale operation is expected to generate about twice the amount of waste annually as the Purex plant generated annually during the 1980's. The previous forecast included a pretreatment facility. Pretreatment is no longer a separate facility. Required pretreatment is included in the vitrification facility.
WHC_LLVP	6 a/b: (a) Have you excluded any waste generation from potential future projects that are not in the official baseline? (b) Do you foresee any facilities that are not currently your responsibility that will be in the future that are not forecasted? (c)Are these variations provided in your extimation of the Min and Max values? Please explain. a. No b. No c. N/A
WHC_LLVP	7: Will waste be separated into like waste forms prior to shipping? For example, if you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers, or will the waste b combined and placed into one container? Please explain for each waste class. Waste will generally be packaged as generated. If the wastes are generated separately, the wastes will be packaged separately.
WHC_LLVP	8 a/b: (a) Will you generate hazardous or mixed waste? (Yes/No) If 'Yes', (b) Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping? That is, 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? a. Yes b. Wastes contaminated by tank waste may contain hazardous constituents. Segregation will be used to maximum extent possible.
WHC_LLVP	9: Please describe your quarterly expected shipping schedule for each applicable waste class during FY 1997. For example: 40% of waste shipped during the first quarter, 20% shipped in the second quarter, 40% shipped in the fourth quarter. N/A. No waste forecasted for FY 1997.

Questionnaire

Waste Generator	Question Answer
WHC_LLVP	10: Discuss the assumptions that were used to prepare this forecast. The demonstration plant begins in 2002 and operates through 2011. The full scale plant begins in 2011 and runs through 2021. All of the tank waste is retrieved and processed. The schedule is based on the TWRS Disposal Program OWVP for March 1, 1996, updated May 14, 1996.
WHC_LLVP	11: Please list any Tri-Party Agreement (TPA) milestones that affect your facility/program. For each TPA milestone please indicate your status in achieving the milestone and whether these milestones are reflected in your forecast. The related milestones are discussed in a memorandum from John Wagoner to the Department of Ecology, "Completion of Negotiations of Hanfor Federal Facility Agreement and Consent Order Milestones M-50-00, M-51-00, and M-60-00," dated December 21, 1995.
WHC_LLVP	12: What assumptions were used in estimating the minimum and maximum waste percentages identified in Table 1? For example, the minimum waste % is based upon the majority of the waste being sent to a commercial disposal site. The maximum waste % is based upon additional projects being initiated that will generate waste not accounted for in the best estimate volume. The waste numbers are very preliminary and were generally given a range of 50% to 200%, primarily due to the uncertainty of dealing with preliminary facility and processing concepts.
WHC_LLVP	13: Please provide a description of how the radionuclides were determined? For example, historical data or sample analysis data were used. The radionuclide estimates are preliminary based on expected feed materials and processes. Reference WHC-SD-WM-TI-694, "Tank Waste Remediation System Optimized Processing Strategy." The dominate radionuclides in the tanks are cesium-137 and strontium-90.
WHC_LLVP	14 a/b/c: Indicate confidence levels for the following waste characterization data: For example, the physical waste forms are based upon historical characterization information. (a) Physical Waste Forms High Low Medium Explain: (b) Hazardous Constituents High Low Medium

Waste Generator	Question Answer
	Explain:
	(c) Radiation Type
	High
	Low
	Medium
	Explain: a. Meduium. The physical waste forms are based on waste historically generated by Hanford processing facilities and the knowledge of the characteristics of tank waste. b. Medium c. Medium
WHC_LLVP	15 a/b/c: (a) What percentage of the waste forecasted is existing waste and what percentage is future generated waste?
	(b) Of your existing waste, how confident are you in the current shipping schedule? (High, Low, Medium) Explain:
	(c) Of your future generated waste, how confident are you in the volumes and shipping schedule? (High, Low, Medium) Explain: a. All waste is to be generated in the future. b. N/A c. Low, schedules are subject to change due to contracting uncertainties at Hanford and with the privatized contracts.
WHC_LLVP	16 a/b/c: Indicate whether your forecast includes: operational, terminal clean-out & stabilization (TC&S) ,and/or D&D wastes.
	Does this forecast include:
	(a) Operational waste?
	(b) Terminal clean-out & stabilization waste (TC&S)?
	(c) Decontamination & Decommissioning waste (D&D)? a. Yes b. No

Waste Generator	Question Answer
	c. No
WHC_LLVP	17: If you have not included TC&S or D&D waste, will this waste potentially be managed at Hanford? (Yes/No) If 'Yes', please provide an estimate of the expected volumes. Terminal cleanout and D&D will be after 2011 for the demonstration facility and after 2021 for the full scale facility. How this waste is handled is unknown.
WHC_LLVP	18: When will your facility transition into a terminal clean-out and stabilization mission? This is unknown.
WHC_LLVP	19: When is your facility expected to be added to the Surplus Facility List? This is unknown.
WHC_LLVP	20: Will waste be generated between terminal clean-out/stabilization and D&D? (Yes/No) If 'Yes', please provide a waste description and identify the organization and department that has responsibility for this close-out waste? This is unknown.
WHC_LLVP	21: What document titles and numbers can be provided that give insight into solid waste generation at your facility? Please provide a list of document titles and document numbers that provide insight into solid waste generated during operations, terminal clean-out and stabilization activities and or D&D activities. Reference WHC-SD-WM-TI-694, "Tank Waste Remediation System Optimized Processing Strategy."
WHC_LLVP	22: Does your facility have an approved Site Treatment Plan (STP) or a Proposed Site Treatment Plan (PSTP) in progress? NOTE - OFFSITE GENERATORS ONLY, re: Richland Operations Office Letter (RL) #95-SWT-174, Guidance for Acceptance of Offsite Mixed Waste. Not applicable
WHC_SST_LLE	1: Please indicate which program is funding your activities (select only one): EM-60 (Landlord) EM-40 (Environmental Restoration) EM-30 ... Analytical Services Liquid Waste PNNL RCRA Monitoring Solid Waste Spent Nuclear Fuels Transition Projects TWRS TWRS

Waste Generator	Question Answer
WHC_SST_LLE	2: Please describe your current mission, and how the waste classes result from this mission. The single-shell tanks (SST) contain radioactive waste generated by Hanford operations starting in 1944. These waste will be retrieved for disposa from 2004 through 2018. Retrieval will require some long-length equipment (LLE) to removed from the tanks. The equipment used for retrieval wil also be LLE and some will require disposal.
WHC_SST_LLE	3: Please describe generated waste classes and explain how they will be generated. The waste consists of low level mixed waste and TRU mixed waste. The waste is generated by the removal of long-length equipment from single-shell tanks.
WHC_SST_LLE	4: Please provide a description of your HELD waste i.e., waste forms. Are the volumes for HELD waste different from last year's forecast? (Yes/No). If Yes, Please explain. Some of the existing equipment in tanks will require removal.
WHC_SST_LLE	5: Have your waste volumes changed from your previous forecast? (Yes/No). If 'Yes', please explain. The waste volumes for LLE have changed based on a new estimate of the amount of existing equipment and the amount of equipment used for retrieval. A new analysis was done for the amount of waste which will be TRU. In addition, an agreement was reached with DOE for the eventual disposal of the LLE. All equipment removed from the tanks after 2003 will be handled according to the new agreement.
WHC_SST_LLE	6 a/b: (a) Have you excluded any waste generation from potential future projects that are not in the official baseline? (b) Do you foresee any facilities that are not currently your responsibility that will be in the future that are not forecasted? (c)Are these variations provided in your extimation of the Min and Max values? Please explain. a. No b. No c. N/A
WHC_SST_LLE	7: Will waste be separated into like waste forms prior to shipping? For example, if you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers, or will the waste b combined and placed into one container? Please explain for each waste class. Each piece of equipment generally will be packaged individually. Each package will be handled according to its waste class.
WHC_SST_LLE	8 a/b: (a) Will you generate hazardous or mixed waste? (Yes/No) If 'Yes', (b) Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping?

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Waste Generator	Question Answer
	That is, 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? a. All of the waste removed from the tanks is considered mixed waste. Each piece of equipment is expected to be packaged individually. The contamination will be attached to the equipment. b. Each piece of equipment is expected to be packaged individually.
WHC_SST_LLE	9: Please describe your quarterly expected shipping schedule for each applicable waste class during FY 1997. For example: 40% of waste shipped during the first quarter, 20% shipped in the second quarter, 40% shipped in the fourth quarter. No waste is expected in 1997.
WHC_SST_LLE	10: Discuss the assumptions that were used to prepare this forecast. The forecast is based on the worst case removal of equipment from SST. The removal of existing equipment occurs about three years before retrieval is scheduled to begin based on the latest retrieval sequence (Penwell, personal communication). Retrieval is expected to use an average of two pumps and two sluicers per tank. One half of this equipment is included in the forecast. Disposal o this equipment occurs during the retrieval years. The other equipment is disposed in the same manner as the tanks and is not included in the forecast..
WHC_SST_LLE	11: Please list any Tri-Party Agreement (TPA) milestones that affect your facility/program. For each TPA milestone please indicate your status in achieving the milestone and whether these milestones are reflected in your forecast. The related milestones are discussed in a memorandum from John Wagoner to the Department of Ecology, "Completion of Negotiations of Hanfor Federal Facility Agreement and Consent Order Milestones M-50-00, M-51-00, and M-60-00," dated December 21, 1995.
WHC_SST_LLE	12: What assumptions were used in estimating the minimum and maximum waste percentages identified in Table 1? For example, the minimum waste % is based upon the majority of the waste being sent to a commercial disposal site. The maximum waste % is based upon additional projects being initiated that will generate waste not accounted for in the best estimate volume. The waste numbers are very preliminary and were generally given a range of 50% to 200%, primarily due to the uncertainty of dealing with preliminary facility and processing cencepts.
WHC_SST_LLE A-72 A-72	13: Please provide a description of how the radionuclides were determined? For example, historical data or sample analysis data were used. The radionuclide estimates are preliminary based on expected feed materials and processes. Reference WHC-SD-WM-TI-694, "Tank Waste Remediation System Optimized Processing Strategy."
WHC_SST_LLE	14 a/b/c: Indicate confidence levels for the following waste characterization data: For example, the physical waste forms are based upon historical characterization information. (a) Physical Waste Forms

Waste Generator	Question / Answer
	High
	Low
	Medium
	Explain:
	(b) Hazardous Constituents
	High
	Low
	Medium
	Explain:
	(c) Radiation Type
	High
	Low
	Medium
	Explain: a. Medium. Equipment and tank waste characteristics are generally known within a factor of two and ten, respectively. b. Medium c. Medium
WHC_SST_LLE	15 a/b/c: (a) What percentage of the waste forecasted is existing waste and what percentage is future generated waste?
	(b) Of your existing waste, how confident are you in the current shipping schedule? (High, Low, Medium) Explain:
	(c) Of your future generated waste, how confident are you in the volumes and shipping schedule? (High, Low, Medium) Explain: a. Most of the long-length equipment is existing equipment in the tanks. However, a significant percentage will be future equipment used for tank waste retrieval. b. Medium. The shipping schedule depends on continuation of existing program plans and on budget allocations.

Waste Generator	Question Answer
	c. Medium. The shipping volumes are accurate, somewhat conservatively high. The shipping schedule will depend on continuation of the existing program plans and budgets.
WHC_SST_LLE	16 a/b/c: Indicate whether your forecast includes: operational, terminal clean-out & stabilization (TC&S) ,and/or D&D wastes. Does this forecast include: (a) Operational waste? (b) Terminal clean-out & stabilization waste (TC&S)? (c) Decontamination & Decommissioning waste (D&D)? a. Yes. Only operational wastes are included. Tank closure and D&D are not included. b. No. c. No.
WHC_SST_LLE	17: If you have not included TC&S or D&D waste, will this waste potentially be managed at Hanford? (Yes/No) If 'Yes', please provide an estimate of the expected volumes. Unknown.
WHC_SST_LLE	18: When will your facility transition into a terminal clean-out and stabilization mission? Unknown.
WHC_SST_LLE	19: When is your facility expected to be added to the Surplus Facility List? Unknown..
WHC_SST_LLE	20: Will waste be generated between terminal clean-out/stabilization and D&D? (Yes/No) If 'Yes', please provide a waste description and identify the organization and department that has responsibility for this close-out waste? Unknown.
WHC_SST_LLE	21: What document titles and numbers can be provided that give insight into solid waste generation at your facility? Please provide a list of document titles and document numbers that provide insight into solid waste generated during operations, terminal clean-out and stabilization activities and or D&D activities. Reference WHC-SD-WM-TI-694, "Tank Waste Remediation System Optimized Processing Strategy." Letter, Jackson Kinzer, DOE-Richland to Westinghouse Hanford Company, dated April 11, 1996, "Tank Waste Remediation System (TWRS) Remote Handled Transuranic Waste Volume Forecast."

Waste Generator	Question Answer
WHC_SST_LLE	22: Does your facility have an approved Site Treatment Plan (STP) or a Proposed Site Treatment Plan (PSTP) in progress? NOTE - OFFSITE GENERATORS ONLY, re: Richland Operations Office Letter (RL) #95-SWT-174, Guidance for Acceptance of Offsite Mixed Waste. Not applicable
WHC_SST_RET	1: Please indicate which program is funding your activities (select only one): EM-60 (Landlord) EM-40 (Environmental Restoration) EM-30 ... Analytical Services Liquid Waste PNNL RCRA Monitoring Solid Waste Spent Nuclear Fuels Transition Projects TWRS TWRS
WHC_SST_RET	2: Please describe your current mission, and how the waste classes result from this mission. The single-shell tanks (SST) contain radioactive waste generated by Hanford operations starting in 1944. These waste will be retrieved for disposa from 2004 through 2018.
WHC_SST_RET	3: Please describe generated waste classes and explain how they will be generated. The waste classes from previous forecasts were used.
WHC_SST_RET	4: Please provide a description of your HELD waste i.e., waste forms. Are the volumes for HELD waste different from last year's forecast? (Yes/No). If Yes, Please explain. None.
WHC_SST_RET	5: Have your waste volumes changed from your previous forecast? (Yes/No). If 'Yes', please explain. Yes. The total volume have changed only slightly due to changes in the forecasted years. The volume of waste was proportionated to each year during retrieval based on the number of tanks being retrieved.
WHC_SST_RET	6 a/b: (a) Have you excluded any waste generation from potential future projects that are not in the official baseline? (b) Do you foresee any facilities that are not currently your responsibility that will be in the future that are not forecasted? (c)Are these variations provided in your extimation of the Min and Max values?

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Waste Generator	Question Answer
	Please explain. a. No. b. No. c. N/A.
WHC_SST_RET	7: Will waste be separated into like waste forms prior to shipping? For example, if you generate contaminated soils, inorganic particulates and metal debris, will you ship these waste in separate containers, or will the waste b combined and placed into one container? Please explain for each waste class. Wastes will be packaged as generated. Generally, like wastes will be placed in containers with like waste.
WHC_SST_RET	8 a/b: (a) Will you generate hazardous or mixed waste? (Yes/No) If 'Yes', (b) Will you place several hazardous constituents in one container or will you segregate the constituents prior to shipping? That is, 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? a. Yes. The tanks contain mixed waste and a majority of the solid waste will be mixed waste. b. Hazardous materials will be segregated to the extent possible.
WHC_SST_RET	9: Please describe your quarterly expected shipping schedule for each applicable waste class during FY 1997. For example: 40% of waste shipped during the first quarter, 20% shipped in the second quarter, 40% shipped in the fourth quarter. None.
WHC_SST_RET	10: Discuss the assumptions that were used to prepare this forecast. The total volume from the previous forecast was used.
WHC_SST_RET	11: Please list any Tri-Party Agreement (TPA) milestones that affect your facility/program. For each TPA milestone please indicate your status in achieving the milestone and whether these milestones are reflected in your forecast. The related milestones are discussed in a memorandum from John Wagoner to the Department of Ecology, "Completion of Negotiations of Hanfor Federal Facility Agreement and Consent Order Milestones M-50-00, M-51-00, and M-60-00," dated December 21, 1995.
WHC_SST_RET	12: What assumptions were used in estimating the minimum and maximum waste percentages identified in Table 1? For example, the minimum waste % is based upon the majority of the waste being sent to a commercial disposal site. The maximum waste % is based upon additional projects being initiated that will generate waste not accounted for in the best estimate volume. The waste numbers are very preliminary and were generally given a range of 50% to 200%, primarily due to the uncertainty of dealing with preliminary facility and processing concepts.

Waste Generator	Question Answer
WHC_SST_RET	13: Please provide a description of how the radionuclides were determined? For example, historical data or sample analysis data were used. The radionuclide estimates are preliminary based on expected feed materials and processes. Reference WHC-SD-WM-TI-694, "Tank Waste Remediation System Optimized Processing Strategy." The radionuclides in the tank waste are dominated by cesium-137 and strontium-90.
WHC_SST_RET	14 a/b/c: Indicate confidence levels for the following waste characterization data: For example, the physical waste forms are based upon historical characterization information. (a) Physical Waste Forms High Low Medium Explain: (b) Hazardous Constituents High Low Medium Explain: (c) Radiation Type High Low Medium Explain: a. Medium. Retrieval operations are ill-defined at this time. b. Medium. Retrieval operations are ill-defined at this time. c. Medium. Retrieval operations are ill-defined at this time.

Waste Generator	Question Answer
WHC_SST_RET	15 a/b/c: (a) What percentage of the waste forecasted is existing waste and what percentage is future generated waste? (b) Of your existing waste, how confident are you in the current shipping schedule? (High, Low, Medium) Explain: (c) Of your future generated waste, how confident are you in the volumes and shipping schedule? (High, Low, Medium) Explain: a. The waste is future generated waste produced by retrieval operations. b. N/A c. Medium. Retrieval operations are ill-defined and the schedule is subject to change.
WHC_SST_RET	16 a/b/c: Indicate whether your forecast includes: operational, terminal clean-out & stabilization (TC&S) ,and/or D&D wastes. Does this forecast include: (a) Operational waste? (b) Terminal clean-out & stabilization waste (TC&S)? (c) Decontamination & Decommissioning waste (D&D)? a. Yes b. No c. No
WHC_SST_RET	17: If you have not included TC&S or D&D waste, will this waste potentially be managed at Hanford? (Yes/No) If 'Yes', please provide an estimate of the expected volumes. Unknown.
WHC_SST_RET	18: When will your facility transition into a terminal clean-out and stabilization mission? Unknown.
WHC_SST_RET	19: When is your facility expected to be added to the Surplus Facility List? Unknown.
WHC_SST_RET	20: Will waste be generated between terminal clean-out/stabilization and D&D? (Yes/No) If 'Yes', please provide a waste description and identify the organization and department that has responsibility for this close-out waste?

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Waste Generator	Question Answer
	Unknown.
WHC_SST_RET	21: What document titles and numbers can be provided that give insight into solid waste generation at your facility?
	Please provide a list of document titles and document numbers that provide insight into solid waste generated during operations, terminal clean-out and stabilization activities and or D&D activities. Reference WHC-SD-WM-TI-694, "Tank Waste Remediation System Optimized Processing Strategy." WHC-EP-0900, "FY1996 Solid Waste Integrated Life-Cycle Forecast Volume Summary," February, 1996.
WHC_SST_RET	22: Does your facility have an approved Site Treatment Plan (STP) or a Proposed Site Treatment Plan (PSTP) in progress?
	NOTE - OFFSITE GENERATORS ONLY, re: Richland Operations Office Letter (RL) #95-SWT-174, Guidance for Acceptance of Offsite Mixed Waste. Not applicable

Date: 6/19/96

SOLID WASTE FORECAST FY1997
Notes

Waste Generator	Waste Class	Container	Physical Waste Form	HC or RAD	User Name	Date	Critical
Note							
WHC_HLVP					George Reddick	5/21/96	No
Potential demonstration start in 2002 (Phase 1). Full scale operation will begin about 2013 and end about 2028.							
WHC_LLVP					George Reddick	5/21/96	No
Phase 1 demonstration of low level vitrification begins in 2002. Phase 1 may continue through 2011. Phase 2 operations run from 2011 through 2021.							
WHC_SST_LLE					George Reddick	5/21/96	No
All SST retrieval completed by 2028.							
WHC_SST_RET					George Reddick	5/21/96	No
Complete demonstration on one tank by 2003. Complete all SST retrieval by 2018.							

Date: 6/19/96 SOLID WASTE FORECAST FY1997 Page: 1

Abbreviations

Abbreviation Type	Full Name	Abbreviation
Container	8 gal	30 L Drum (1A2)
	61 L Drum (1A2)	61 L Drum (1A2)
	30 gal	114 L Drum (1A1)
	30 gal	114 L Drum (1A2)
	55 gal	208 L Drum (1A1)
	55 gal	208 L Drum (1A2)
	85 gal	322 L Drum (1A2)
	110 gal	416 L Drum (1A2)
	55 gal (lead)	208 L Drum (lead-lined)
	55 gal (concrete)	208 L Drum (concrete-lined)
	2 x 2 x 6	MB-I (2x2x6)
	3 x 3 x 6	MB-II (3x3x6)
	2 x 4 x 8	MB-III (2x4x8)
	3.3 x 4.3 x 6.3	MB-IV (3.3x4.3x6.3)
	4 x 4 x 8	MB-V (4x4x8)
	5 x 5 x 9	MB-VI (5x5x9)
	4 x 4 x 8	H-2-42701 (4x4x8)
	4 x 4 x 6	CPC's B-25 (4x4x6)
	SWB	SWB
	4 x 8 x 20	Sea Land (4x8x20)
	"26"" D X 52' LG"	LEC-1
	"26"" D X 70' LG"	LEC-2
	"36"" D X 52' LG"	LEC-3
	"36"" D X 70' LG"	LEC-4
	"54"" D X 70' LG"	LEC-5
	"63"" D X 52' LG"	LEC-6
	"63"" D X 70' LG"	LEC-7
	"67"" D X 70' LG"	LEC-8
	"83"" D X 48' LG"	LEC-9
	"26"" SQ X 52""	LEC-10
	"26"" SQ X 70""	LEC-11
	"36"" SQ X 52""	LEC-12
	"36"" SQ X 70""	LEC-13
	"54""SQ X 70""	LEC-14
	"63"" SQ X 52""	LEC-15
	"63"" SQ X 70""	LEC-16
	"67"" SQ X 70""	LEC-17
	"83"" SQ X 48""	LEC-18
	Ion exchange module	Ion exchange module
	Ion exchange column	Ion exchange column
	Cartridge	Cartridge
	Disposable solid waste cask	Disp SW cask
	Hittman liner	Hittman liner
	Enduropak	Enduropak
	Concrete plug	Concrete plug
	Concrete vault	Concrete vault

Abbreviations

Abbreviation Type	Full Name	Abbreviation
Container	Compactor TK	Compactor TK
	FL-10-1	FL-10-1
	FSV-1 liner	FSV-1 liner
	HIC dewatering	HIC dewatering
	HN-200 liner	HN-200 liner
	Shielding bloc	Shielding bloc
Hazardous Constituent	Ignitable	Ignitable
	Corrosive	Corrosive
	Reactive	Reactive
	Metals without mercury	Metals wo Hg
	Metals with mercury	Metals w Hg
	Organic	Organic
	WAC Codes WT, WP, WSC2	WT-WP-WSC2
	PCB Less Than 50ppm	PCB < 50ppm
	PCB 50ppm or Greater	PCB >= 50ppm
Physical Waste Form	Shielding Concrete	SH CONCRETE
	Shielding Lead	SH LEAD
	Shielding Steel	SH STEEL
	Void Space	SH_VOID
	Inorganic Particulates	IN PART
	Inorganic Absorbed Liq/Sludge	IN ABS LIQ/SLG
	Inorganic Paint Waste	IN PAINT WASTE
	Inorganic Salt Waste	IN SALT WASTE
	Organic Particulates	ORG PART
	Organic Absorbed Liq/Sludge	ORG ABS LIQ/SL
	Organic Absorbents	ORG ABSORB
	Soil Soil/Gravel	SOIL SOIL/GRAV
	Debris Inorganic	D INORG
	Debris Metal Activated Metal	D METAL-ACTIV
	Debris Metal Contaminated	D METAL-CONT
	Debris Inorganic NonMetal	D INORG NM
	Debris Organic	D ORG
	Debris Plastic/Rubber	D PLAS/RUB
	Debris Heterogeneous	D HETEROG
	Lab Packs-Organic	LAB PACKS-ORG
	Lab Packs-Aqueous	LAB PACKS-AQU
	Elemental Mercury	MERCURY
	Elemental Lead	LEAD
	Beryllium Waste	BERYLLIUM
	Batteries	BATTERIES
	Reactive Metals	REAC METAL
	Explosives/Propellants	EXPL PROP
	Aerosols/Compressed Gas	AERO/CG

Abbreviations

Abbreviation Type	Full Name	Abbreviation
Radionuclide	Carbon 14	CARBON14
	Radium 226	RADIUM226
	Technetium 99	TECHNETIUM99
	Selenium 79	SELENIUM79
	Plutonium 238, 239,240	PLUTONIUM
	Plutonium 241	PLUTONIUM241
	Neptunium 237	NEPTUNIUM237
	Uranium 233	URANIUM233
	Uranium 234	URANIUM234
	Uranium 235	URANIUM235
	Uranium 238	URANIUM238
	Iodine 129	IODINE129
	Iodiine 131	IODINE131
	Tritium	TRITIUM
	Americium 241,243	AMERICIUM
	Chlorine 36	CHLORINE36
	Cesium 137	CESIUM137
	Strontium 90	STRONTIUM90
	Phosphorus 32	PHOSPHOROUS32
	Sulfur 35	SULFUR35
	Cobalt 60	COBALT60
	Lead 210	LEAD210

Date: 6/19/96

SOLID WASTE FORECAST FY1997
Complete Data Summary

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Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

WHC_HLVP End Of Lifecycle: 2028

CH_LLW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							50	50	50	50	50	50	50		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Vol			250	250	250	250	250	250	250	250	250	250	250	250	250
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200
	2026	**2027**	**2028**												
Vol	250	250	250												
Min%	50	50	50												
Max%	200	200	200												

End of Lifecycle Reached

CH_LLW_I, H-2-42701 (4x4x8)

Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							12	12	12	12	12	12	12		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			62	62	62	62	62	62	62	62	62	62	62	62	62
	2026	**2027**	**2028**												
Percentage	100	100	100												
Cont. Count	62	62	62												

End of Lifecycle Reached

CH_LLW_I, H-2-42701 (4x4x8), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	**2027**	**2028**												
Percentage	100	100	100												

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLW_I, H-2-42701 (4x4x8), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
	2026	2027	2028												
Concentration	.001	.001	.001												

End of Lifecycle Reached

CH_LLW_I, H-2-42701 (4x4x8), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
	2026	2027	2028												
Concentration	.001	.001	.001												

End of Lifecycle Reached

CH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							150	150	150	150	150	150	150		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			750	750	750	750	750	750	750	750	750	750	750	750	750
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200
	2026	2027	2028												
Vol	750	750	750												
Min%	50	50	50												
Max%	200	200	200												

End of Lifecycle Reached

CH_LLW_III, H-2-42701 (4x4x8) Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							37	37	37	37	37	37	37		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			185	185	185	185	185	185	185	185	185	185	185	185	185
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	185	185	185												

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLW_III, H-2-42701 (4x4x8), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

CH_LLW_III, H-2-42701 (4x4x8), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

CH_LLW_III, H-2-42701 (4x4x8), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

RH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							40	40	40	40	40	40	40		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			200	200	200	200	200	200	200	200	200	200	200	200	200
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200
	2026	2027	2028												
Vol	200	200	200												
Min%	50	50	50												
Max%	200	200	200												

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLW_III, MB-V (4x4x8)

Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			51	51	51	51	51	51	51	51	51	51	51	51	51
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	51	51	51												

End of Lifecycle Reached

RH_LLW_III, MB-V (4x4x8), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

RH_LLW_III, MB-V (4x4x8), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Concentration	100	100	100												

End of Lifecycle Reached

RH_LLW_III, MB-V (4x4x8), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Concentration	100	100	100												

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							20	20	20	20	20	20	20		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Vol			100	100	100	100	100	100	100	100	100	100	100	100	100
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200
	2026	**2027**	**2028**												
Vol	100	100	100												
Min%	50	50	50												
Max%	200	200	200												

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2) Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							78	78	78	78	78	78	78		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			389	389	389	389	389	389	389	389	389	389	389	389	389
	2026	**2027**	**2028**												
Percentage	100	100	100												
Cont. Count	389	389	389												

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	**2027**	**2028**												
Percentage	100	100	100												

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLMW_I, 208 L Drum (1A2), D INORG, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
	2026	2027	2028												
Concentration	.001	.001	.001												

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
	2026	2027	2028												
Concentration	.001	.001	.001												

End of Lifecycle Reached

CH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							40	40	40	40	40	40	40		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			200	200	200	200	200	200	200	200	200	200	200	200	200
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200
	2026	2027	2028												
Vol	200	200	200												
Min%	50	50	50												
Max%	200	200	200												

End of Lifecycle Reached

Legends: A = Ignitable, B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w/ Hg, F = Organic, G = WT-WP-WSC2, H = PCB > 50 ppm, I = PCB < 50 ppm

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLMW_III, 208 L Drum (1A2) — Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							156	156	156	156	156	156	156		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			778	778	778	778	778	778	778	778	778	778	778	778	778
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	778	778	778												

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2), D INORG, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLMW_III, 208 L Drum (1A2), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

CH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							10	10	10	10	10	10	10		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			50	50	50	50	50	50	50	50	50	50	50	50	50
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200
	2026	2027	2028												
Vol	50	50	50												
Min%	50	50	50												
Max%	200	200	200												

End of Lifecycle Reached

CH_TRUM, 208 L Drum (1A2) Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							39	39	39	39	39	39	39		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			195	195	195	195	195	195	195	195	195	195	195	195	195
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	195	195	195												

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_TRUM, 208 L Drum (1A2), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												
End of Lifecycle Reached															

CH_TRUM, 208 L Drum (1A2), D INORG, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												
End of Lifecycle Reached															

CH_TRUM, 208 L Drum (1A2), D INORG, PLUTONIUM

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							1	1	1	1	1	1	1		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			1	1	1	1	1	1	1	1	1	1	1	1	1
	2026	2027	2028												
Concentration	1	1	1												
End of Lifecycle Reached															

CH_TRUM, 208 L Drum (1A2), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												
End of Lifecycle Reached															

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_TRUM, 208 L Drum (1A2), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			10	10	10	10	10	10	10	10	10	10	10	10	10
	2026	2027	2028												
Concentration	10	10	10												

End of Lifecycle Reached

RH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							10	10	10	10	10	10	10		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			50	50	50	50	50	50	50	50	50	50	50	50	50
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200
	2026	2027	2028												
Vol	50	50	50												
Min%	50	50	50												
Max%	200	200	200												

End of Lifecycle Reached

RH_TRUM, SWB

Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							5	5	5	5	5	5	5		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			24	24	24	24	24	24	24	24	24	24	24	24	24
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	24	24	24												

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_TRUM, SWB, D INORG

PWF															
	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												
End of Lifecycle Reached															

RH_TRUM, SWB, D INORG, WT-WP-WSC2

HC															
	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												
End of Lifecycle Reached															

RH_TRUM, SWB, D INORG, PLUTONIUM

RAD															
	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							1	1	1	1	1	1	1		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			1	1	1	1	1	1	1	1	1	1	1	1	1
	2026	2027	2028												
Concentration	1	1	1												
End of Lifecycle Reached															

RH_TRUM, SWB, D INORG, CESIUM137

RAD															
	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Concentration	100	100	100												
End of Lifecycle Reached															

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_TRUM, SWB, D INORG, STRONTIUM90

RAD

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Concentration			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Concentration	100	100	100												

End of Lifecycle Reached

HAZ

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							10	10	10	10	10	10	10		
Min%							50	50	50	50	50	50	50		
Max%							200	200	200	200	200	200	200		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Vol			50	50	50	50	50	50	50	50	50	50	50	50	50
Min%			50	50	50	50	50	50	50	50	50	50	50	50	50
Max%			200	200	200	200	200	200	200	200	200	200	200	200	200
	2026	2027	2028												
Vol	50	50	50												
Min%	50	50	50												
Max%	200	200	200												

End of Lifecycle Reached

HAZ, 208 L Drum (1A2)

Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
Cont. Count							39	39	39	39	39	39	39		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
Cont. Count			195	195	195	195	195	195	195	195	195	195	195	195	195
	2026	2027	2028												
Percentage	100	100	100												
Cont. Count	195	195	195												

End of Lifecycle Reached

F111 Legend: A = Ignitable, B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT, WP, WSCO, H = PCB < 50 ppm, I = PCB >= 50 ppm

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

HAZ, 208 L Drum (1A2), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

HAZ, 208 L Drum (1A2), D INORG, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100		
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Percentage			100	100	100	100	100	100	100	100	100	100	100	100	100
	2026	2027	2028												
Percentage	100	100	100												

End of Lifecycle Reached

[illegible] B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT, WP, WSC2, H = PCB < 50 ppm, J = PCB >= 50 ppm

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

WHC_LLVP End Of Lifecycle: 2021

CH_LLW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							240	240	240	240	240	240	240	240	240
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Vol	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Min%	50	50	50	50	50	50	50	50	50	50	50
Max%	200	200	200	200	200	200	200	200	200	200	200

End of Lifecycle Reached

CH_LLW_I, H-2-42701 (4x4x8)

Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							59	59	59	59	59	59	59	59	59

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100
Cont. Count	296	296	296	296	296	296	296	296	296	296	296

End of Lifecycle Reached

CH_LLW_I, H-2-42701 (4x4x8), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100

End of Lifecycle Reached

CH_LLW_I, H-2-42701 (4x4x8), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001

End of Lifecycle Reached

F111 Legend: A = Ignitable, B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT, WP, WSC2, H = PCB < 50 ppm, I = PCB >= 50 ppm

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLW_I, H-2-42701 (4x4x8), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001	.001	.001
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Concentration	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001				

End of Lifecycle Reached

CH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							240	240	240	240	240	240	240	240	240
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Vol	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200				
Min%	50	50	50	50	50	50	50	50	50	50	50				
Max%	200	200	200	200	200	200	200	200	200	200	200				

End of Lifecycle Reached

CH_LLW_III, H-2-42701 (4x4x8) Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							59	59	59	59	59	59	59	59	59
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				
Cont. Count	296	296	296	296	296	296	296	296	296	296	296				

End of Lifecycle Reached

CH_LLW_III, H-2-42701 (4x4x8), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

CH_LLW_III, H-2-42701 (4x4x8), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10	10	10
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Concentration	10	10	10	10	10	10	10	10	10	10	10				

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLW_III, H-2-42701 (4x4x8), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10	10	10

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	10	10	10	10	10	10	10	10	10	10	10

End of Lifecycle Reached

RH_LLW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							60	60	60	60	60	60	60	60	60
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Vol	300	300	300	300	300	300	300	300	300	300	300
Min%	50	50	50	50	50	50	50	50	50	50	50
Max%	200	200	200	200	200	200	200	200	200	200	200

End of Lifecycle Reached

RH_LLW_III, MB-V (4x4x8)

Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							15	15	15	15	15	15	15	15	15

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100
Cont. Count	76	76	76	76	76	76	76	76	76	76	76

End of Lifecycle Reached

RH_LLW_III, MB-V (4x4x8), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Percentage	100	100	100	100	100	100	100	100	100	100	100

End of Lifecycle Reached

RH_LLW_III, MB-V (4x4x8), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Concentration	100	100	100	100	100	100	100	100	100	100	100

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLW_III, MB-V (4x4x8), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Concentration	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

CH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							40	40	40	40	40	40	40	40	40
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Vol	200	200	200	200	200	200	200	200	200	200	200				
Min%	50	50	50	50	50	50	50	50	50	50	50				
Max%	200	200	200	200	200	200	200	200	200	200	200				

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2)

Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							156	156	156	156	156	156	156	156	156
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				
Cont. Count	778	778	778	778	778	778	778	778	778	778	778				

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2), D INORG, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLMW_I, 208 L Drum (1A2), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001	.001	.001
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Concentration	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001				

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A2), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							.001	.001	.001	.001	.001	.001	.001	.001	.001
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Concentration	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001				

End of Lifecycle Reached

CH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							40	40	40	40	40	40	40	40	40
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Vol	200	200	200	200	200	200	200	200	200	200	200				
Min%	50	50	50	50	50	50	50	50	50	50	50				
Max%	200	200	200	200	200	200	200	200	200	200	200				

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2) Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							156	156	156	156	156	156	156	156	156
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				
Cont. Count	778	778	778	778	778	778	778	778	778	778	778				

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLMW_III, 208 L Drum (1A2), D INORG, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10	10	10
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Concentration	10	10	10	10	10	10	10	10	10	10	10				

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A2), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration							10	10	10	10	10	10	10	10	10
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Concentration	10	10	10	10	10	10	10	10	10	10	10				

End of Lifecycle Reached

HAZ

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol							20	20	20	20	20	20	20	20	20
Min%							50	50	50	50	50	50	50	50	50
Max%							200	200	200	200	200	200	200	200	200
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Vol	100	100	100	100	100	100	100	100	100	100	100				
Min%	50	50	50	50	50	50	50	50	50	50	50				
Max%	200	200	200	200	200	200	200	200	200	200	200				

End of Lifecycle Reached

HAZ, 208 L Drum (1A2) Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
Cont. Count							78	78	78	78	78	78	78	78	78
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				
Cont. Count	389	389	389	389	389	389	389	389	389	389	389				

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

HAZ, 208 L Drum (1A2), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

HAZ, 208 L Drum (1A2), D INORG, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage							100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021				
Percentage	100	100	100	100	100	100	100	100	100	100	100				

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

WHC_SST_LLE End Of Lifecycle: 2024

RH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol						590	657	88	571	1,127	783	1,083	1,584	2,109	2,082
Min%						50	50	50	50	50	50	50	50	50	50
Max%						133	133	133	133	133	133	133	133	133	133

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Vol	2,451	1,857	2,524	2,750	538	1,077	646							
Min%	50	50	50	50	50	50	50							
Max%	133	133	133	133	133	133	133							

End of Lifecycle Reached

RH_LLMW_III, LEC-10 Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						12	14	24	10	13	16	15	13	13	13
Cont. Count						10	13	3	8	21	18	23	30	40	39

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	16	10	15	10										
Cont. Count	57	26	54	41										

End of Lifecycle Reached

RH_LLMW_III, LEC-10, D METAL-CONT

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	100	100	100	100										

End of Lifecycle Reached

RH_LLMW_III, LEC-10, D METAL-CONT, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Percentage	100	100	100	100										

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLMW_III, LEC-10, D METAL-CONT, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-10, D METAL-CONT, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-11 Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						21	7	11	5	6	7	7	6	7	6
Cont. Count						13	5	1	3	7	6	8	10	15	14
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	8	5	7	5											
Cont. Count	20	9	19	15											

End of Lifecycle Reached

RH_LLMW_III, LEC-11, D METAL-CONT

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-11, D METAL-CONT, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

F = Organic, G = WT, WP, WSC2, H = PCB < 50 ppm, I = PCB >= 50 ppm

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLMW_III, LEC-11, D METAL-CONT, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-11, D METAL-CONT, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-12 — Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						2	2		12	7	3	5	8	6	7
Cont. Count						1	1		5	6	2	4	9	9	11
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	7	11	9	11	25	25	25								
Cont. Count	13	16	17	23	10	20	12								

End of Lifecycle Reached

RH_LLMW_III, LEC-12, D METAL-CONT

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100	100	100	100								

End of Lifecycle Reached

RH_LLMW_III, LEC-12, D METAL-CONT, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100	100	100	100								

End of Lifecycle Reached

[illegible] C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT, WP, WSC2, H = PCB < 50 ppm, J = PCB >= 50 ppm

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLMW_III, LEC-12, D METAL-CONT, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100	100	100	100								

End of Lifecycle Reached

RH_LLMW_III, LEC-12, D METAL-CONT, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100	100	100	100								

End of Lifecycle Reached

RH_LLMW_III, LEC-13 Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						6	5	20	3	6	7	7	2	8	6
Cont. Count						2	2	1	1	4	3	4	2	10	7
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	5	5	7	5											
Cont. Count	7	5	10	7											

End of Lifecycle Reached

RH_LLMW_III, LEC-13, D METAL-CONT

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-13, D METAL-CONT, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLMW_III, LEC-13, D METAL-CONT, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-13, D METAL-CONT, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-14

Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						34	43	46	28	39	51	44	43	38	40
Cont. Count						5	7	1	4	11	10	12	17	20	21
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	34	30	46	32											
Cont. Count	21	14	29	22											

End of Lifecycle Reached

RH_LLMW_III, LEC-14, D METAL-CONT

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-14, D METAL-CONT, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100											

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLMW_III, LEC-14, D METAL-CONT, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-14, D METAL-CONT, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100	100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100											

End of Lifecycle Reached

RH_LLMW_III, LEC-15 Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						7	12		43	29	16	22	28	25	27
Cont. Count						1	2		6	8	3	6	11	13	14
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	30	39	16	37	75	75	75								
Cont. Count	18	18	10	25	10	20	12								

End of Lifecycle Reached

RH_LLMW_III, LEC-15, D METAL-CONT

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100	100	100	100								

End of Lifecycle Reached

RH_LLMW_III, LEC-15, D METAL-CONT, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage	100	100	100	100	100	100	100								

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLMW_III, LEC-15, D METAL-CONT, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100	100	100	100								

End of Lifecycle Reached

RH_LLMW_III, LEC-15, D METAL-CONT, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100		100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration	100	100	100	100	100	100	100								

End of Lifecycle Reached

RH_LLMW_III, LEC-16 Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						19	17								
Cont. Count						2	2								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															
Cont. Count															

End of Lifecycle Reached

RH_LLMW_III, LEC-16, D METAL-CONT

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

RH_LLMW_III, LEC-16, D METAL-CONT, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLMW_III, LEC-16, D METAL-CONT, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															
End of Lifecycle Reached															

RH_LLMW_III, LEC-16, D METAL-CONT, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100								
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															
End of Lifecycle Reached															

RH_LLMW_III, LEC-18 Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage														3	
Cont. Count														1	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															
Cont. Count															
End of Lifecycle Reached															

RH_LLMW_III, LEC-18, D METAL-CONT

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage														100	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															
End of Lifecycle Reached															

RH_LLMW_III, LEC-18, D METAL-CONT, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage														100	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															
End of Lifecycle Reached															

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLMW_III, LEC-18, D METAL-CONT, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration														100	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

RH_LLMW_III, LEC-18, D METAL-CONT, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration														100	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

CH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol						164	164	164							
Min%						33	33	33							
Max%						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Vol															
Min%															
Max%															

End of Lifecycle Reached

CH_TRUM, LEC-16

Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
Cont. Count						3	3	3							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															
Cont. Count															

End of Lifecycle Reached

CH_TRUM, LEC-16, D METAL-CONT

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_TRUM, LEC-16, D METAL-CONT, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															

End of Lifecycle Reached

CH_TRUM, LEC-16, D METAL-CONT, PLUTONIUM

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						1	1	1							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

CH_TRUM, LEC-16, D METAL-CONT, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						10	10	10							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

CH_TRUM, LEC-16, D METAL-CONT, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						10	10	10							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															

End of Lifecycle Reached

RH_TRUM

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol						164	164	164							
Min%						33	33	33							
Max%						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Vol															
Min%															
Max%															

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

Percent Full: 100 Shielded: No

RH_TRUM, LEC-16															
Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
Cont. Count						3	3	3							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															
Cont. Count															
End of Lifecycle Reached															
RH_TRUM, LEC-16, D METAL-CONT															
PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															
End of Lifecycle Reached															
RH_TRUM, LEC-16, D METAL-CONT, WT-WP-WSC2															
HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Percentage															
End of Lifecycle Reached															
RH_TRUM, LEC-16, D METAL-CONT, PLUTONIUM															
RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						1	1	1							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															
End of Lifecycle Reached															
RH_TRUM, LEC-16, D METAL-CONT, CESIUM137															
RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															
End of Lifecycle Reached															

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_TRUM, LEC-16, D METAL-CONT, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration						100	100	100							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Concentration															
End of Lifecycle Reached															

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

WHC_SST_RET End Of Lifecycle: **2018**

CH_LLW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									16	21	4	12	33	28	36
Min%									50	50	50	50	50	50	50
Max%									200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018
Vol	50	60	61	90	41	86	65	
Min%	50	50	50	50	50	50	50	
Max%	200	200	200	200	200	200	200	

End of Lifecycle Reached

CH_LLW_I, 208 L Drum (1A1) Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									66	87	17	50	136	116	149

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	207	248	252	372	169	355	269	

End of Lifecycle Reached

CH_LLW_I, 208 L Drum (1A1), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

CH_LLW_I, 208 L Drum (1A1), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	.001	.001	.001	.001	.001	.001	.001	

End of Lifecycle Reached

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLW_I, 208 L Drum (1A1), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									.001	.001	.001	.001	.001	.001	.001

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	.001	.001	.001	.001	.001	.001	.001	

End of Lifecycle Reached

CH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									9	12	2	7	19	16	21
Min%									50	50	50	50	50	50	50
Max%									200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018
Vol	30	34	35	52	24	86	38	
Min%	50	50	50	50	50	50	50	
Max%	200	200	200	200	200	200	200	

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A1) Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									37	50	8	29	79	66	87

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	124	140	145	215	99	355	157	

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A1), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A1), D INORG, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

F111 Legend: A = Limited, B = Corrosive, C = Reactive, D = Metals w/o Hg, E = Metals w Hg, F = Organic, G = WT-WP-WSC2, H = PCB < 50 ppm, I = PCB >= 50 ppm

Complete Data Summary

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLMW_I, 208 L Drum (1A1), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									.001	.001	.001	.001	.001	.001	.001
	2011	2012	2013	2014	2015	2016	2017	2018							
Concentration	.001	.001	.001	.001	.001	.001	.001								

End of Lifecycle Reached

CH_LLMW_I, 208 L Drum (1A1), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									.001	.001	.001	.001	.001	.001	.001
	2011	2012	2013	2014	2015	2016	2017	2018							
Concentration	.001	.001	.001	.001	.001	.001	.001								

End of Lifecycle Reached

CH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									14	17	4	10	27	24	31
Min%									50	50	50	50	50	50	50
Max%									200	200	200	200	200	200	200
	2011	2012	2013	2014	2015	2016	2017	2018							
Vol	40	52	51	78	34	72	55								
Min%	50	50	50	50	50	50	50								
Max%	200	200	200	200	200	200	200								

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A1) Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									58	70	17	41	112	99	128
	2011	2012	2013	2014	2015	2016	2017	2018							
Percentage	100	100	100	100	100	100	100								
Cont. Count	165	215	211	314	140	298	227								

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A1), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
	2011	2012	2013	2014	2015	2016	2017	2018							
Percentage	100	100	100	100	100	100	100								

End of Lifecycle Reached

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

CH_LLMW_III, 208 L Drum (1A1), D INORG, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A1), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									10	10	10	10	10	10	10

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	10	10	10	10	10	10	10	

End of Lifecycle Reached

CH_LLMW_III, 208 L Drum (1A1), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									10	10	10	10	10	10	10

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	10	10	10	10	10	10	10	

End of Lifecycle Reached

RH_LLMW_I

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									4	5	1	3	8	7	10
Min%									50	50	50	50	50	50	50
Max%									200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018
Vol	10	18	16	23	11	22	17	
Min%	50	50	50	50	50	50	50	
Max%	200	200	200	200	200	200	200	

End of Lifecycle Reached

RH_LLMW_I, 208 L Drum (1A1)

Percent Full: 100 Shielded: No

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									17	21	4	12	33	29	41

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	41	74	66	95	45	91	70	

End of Lifecycle Reached

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

RH_LLMW_I, 208 L Drum (1A1), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

RH_LLMW_I, 208 L Drum (1A1), D INORG, WT-WP-WSC2

HC	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

RH_LLMW_I, 208 L Drum (1A1), D INORG, CESIUM137

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	100	100	100	100	100	100	100	

End of Lifecycle Reached

RH_LLMW_I, 208 L Drum (1A1), D INORG, STRONTIUM90

RAD	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Concentration									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Concentration	100	100	100	100	100	100	100	

End of Lifecycle Reached

RH_LLMW_III

	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vol									6	8	2	5	13	11	14
Min%									50	50	50	50	50	50	50
Max%									200	200	200	200	200	200	200

	2011	2012	2013	2014	2015	2016	2017	2018
Vol	20	22	23	35	16	33	25	
Min%	50	50	50	50	50	50	50	
Max%	200	200	200	200	200	200	200	

End of Lifecycle Reached

Waste Generator

Waste Class, Container, Physical Waste Form, (Radionuclide or Hazardous Constituent)

Percent Full: 100 Shielded: No

RH_LLMW_III, 208 L Drum (lead-lined)

Container	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100
Cont. Count									23	31	8	19	51	43	54

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	
Cont. Count	78	86	89	136	62	126	97	

End of Lifecycle Reached

RH_LLMW_III, 208 L Drum (lead-lined), D INORG

PWF	Held	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Percentage									100	100	100	100	100	100	100

	2011	2012	2013	2014	2015	2016	2017	2018
Percentage	100	100	100	100	100	100	100	

End of Lifecycle Reached

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APPENDIX B

SINGLE-SHELL TANK EQUIPMENT LIST

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Single-Shell Tank Equipment List. (3 sheets)

Equipment Description	A (6)	AX (4)	B (16)	BX (12)	BY (12)	C (16)	S (12)	SX (15)	T (16)	TX (18)	TY (6)	U (16)
Air circulator	5	88			13			10		13		
Condenser					1							
Condensate pump								1				
Corrosive probe							2	2				
Crust breaker	4							1				
Dip tube	1		1									1
Dip leg (recirculation nozzle?)			4	8	1	10						20
Distributor jet						2		3				3
Dry well (thermal and other)	5	28				1			3			4
Electric heater and air circulator					1							
FIC	4	4	7	8	1	7	12	6	14	7	4	9
Flow ind controller (C-108)						1						
Heating coil	2											
Heel pump			2	5	1					4		2
Liquid level well	2		1	2					1	6	1	2
Liquid level tape		2	6	1	1	6				11		
LLR (manual liquid level sensor)	1		3	4	9	6	2	10	2	1	2	8
LOW (liquid obs well)	2	1	2	1	8	3	10	5	3	14	1	8

Single-Shell Tank Equipment List. (3 sheets)

Equipment Description	A (6)	AX (4)	B (16)	BX (12)	BY (12)	C (16)	S (12)	SX (15)	T (16)	TX (18)	TY (6)	U (16)
Mini cooler					2							
Observation port	5	4	16	12	10	16	13	14	11	13	5	16
Profile thermocouple		16	1	4	1							
Prototype salt well (S-111)							2					
Pump (other)	8		3	4	3	3	1	9			2	
Recirculating nozzle (SX-104) (dipleg?)								2		4		
Salt well pump	2	3	9	6	7	4	12	5	7	12	2	7
Salt well						3			6	1		
Self concentrator (SX-101)								1				
Sluice pump (T-101)									1	1		
Sludge pump				1		4						8
Sludge jet						4						
Sludge level monitor	5	9	1	1	4						1	
Sludge measurement port (probe)	2						28			1	1	3
Sludge temperature indicator (sludge thermo?)	1							8				
Sluicer	1	2	4	8		7			1	4		18
Slurry pump					1					1		

Single-Shell Tank Equipment List. (3 sheets)

Equipment Description	A (6)	AX (4)	B (16)	BX (12)	BY (12)	C (16)	S (12)	SX (15)	T (16)	TX (18)	TY (6)	U (16)
Slurry distributor	1						10	1				
Special probe (C-103)						1						
Steam coil		3										
Supernate pump					1					1		
Tank pressure		2										
Temperature controller												
Temperature element		12				8						
Temperature probe (manual) (S-104)							1					
Thermoconductivity probe (SX-109)								2				
Thermocouple	14	4	15	10	5	8	12	72	11	16	5	14
Thermocouple (in place) (T-201)									2			
Thermocouple stringer (T-201)									4			
Transfer pump			1		1							

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