

**B.6 Waste Stream Flowsheets**

Detailed information about how each waste steam will be managed is provided in the balance of this appendix, in flowsheets that identify the facilities to be used and the volumes of waste that would pass through that facility over the period of analysis (through 2046). The flowsheets are organized first by alternative group, then by waste type, and finally by waste stream. Each flowsheet lists the three sets of waste volumes analyzed: Hanford Only, Lower Bound, and Upper Bound. The Hanford Only waste volumes are presented in bold type, the Lower Bound waste volumes in normal font, and the Upper Bound waste volumes in italics. An index to the flowsheets is shown in Table B.24. This table provides the page numbers for the flowsheet diagrams by alternative group and waste type.

**Table B.24.** Identification of Flowsheets

<b>Alternative Group</b>	<b>Waste Type</b>	<b>Page Numbers</b>
Group A	LLW	B.49 to B.51
	MLLW	B.51 to B.54
	TRU Waste	B.54 to B.57
	WTP Waste	B.58
Group B	LLW	B.59 to B.61
	MLLW	B.61 to B.64
	TRU Waste	B.64 to B.67
	WTP Waste	B.68
Group C	LLW	B.69 to B.71
	MLLW	B.71 to B.74
	TRU Waste	B.74 to B.77
	WTP Waste	B.78
Groups D & E	LLW	B.80 to B.82
	MLLW	B.82 to B.85
	TRU Waste	B.85 to B.88
	WTP Waste	B.89
No Action Group	LLW	B.90 to B.92
	MLLW	B.92 to B.95
	TRU Waste	B.95 to B.98
	WTP Waste	B.99

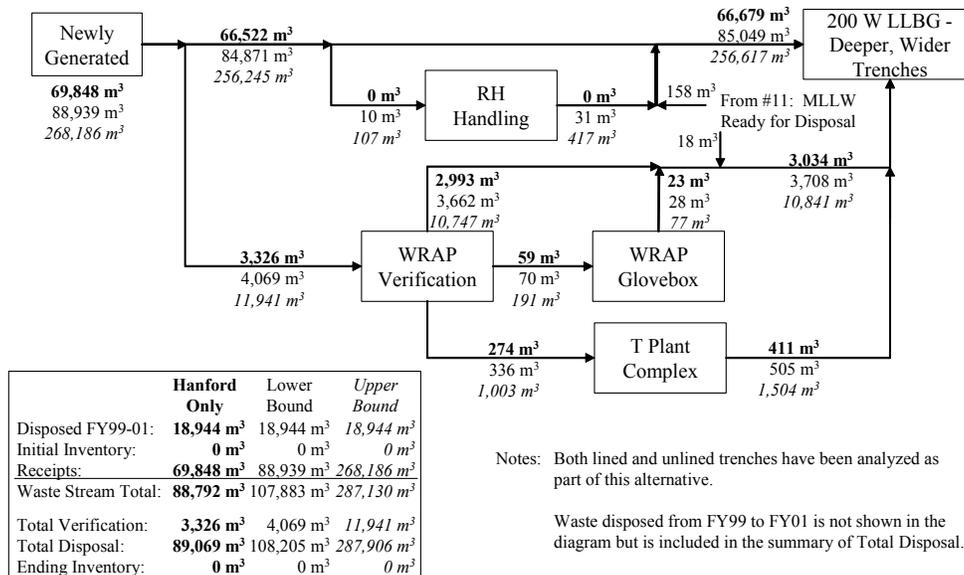
1 **\*Acronyms, Abbreviations, and Terms for the Waste Flow Diagrams**

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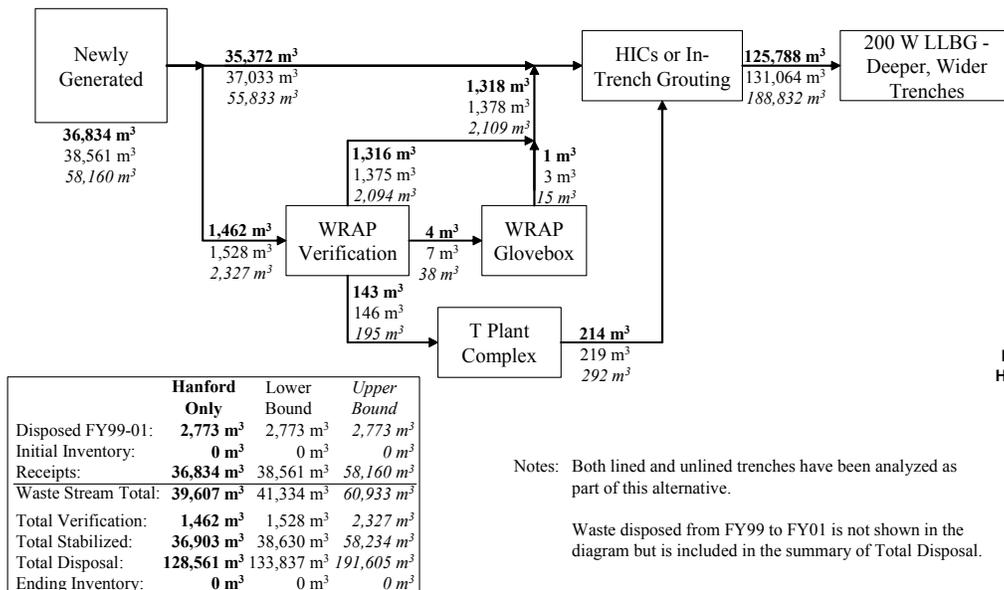
4	CH	contact-handled
5	CWC	Central Waste Complex
6	ERDF	Environmental Restoration Disposal Facility
7	FY	fiscal year
8	HIC	high-integrity container
9	ILAW	Immobilized Low-Activity Waste
10	LLBG	Low Level Burial Grounds
11	LLW	low-level waste
12	MLLW	mixed low-level waste
13	MW	mixed waste
14	PCB	polychlorinated biphenyl
15	PUREX	Plutonium Uranium Extraction Plant
16	RH	remote-handled
17	TRU	transuranic
18	WIPP	Waste Isolation Pilot Plant
19	WRAP	Waste Receiving and Processing Facility
20	WTP	Waste Treatment Plant
21		
22	Disposed of FY99-01	Volume of waste disposed of from FY 1999 to FY 2001
23	Initial Inventory	Volume of waste managed by the Waste Management Program as of 9/30/2001
24	Receipts	Volume of waste expected to be received from FY 2002 to FY 2046
25	Waste Stream Total	Total volume of a waste stream to be managed, i.e., the sum of Disposed of
26		FY99-01, Initial Inventory, and Receipts
27	Total Verification	Life-cycle volume of waste that will undergo verification in a Waste Management
28		facility
29	Total Stabilized	Life-cycle volume of waste stabilized via in-trench grouting or placement in HICs
30	Total Treatment	Life-cycle volume of waste treated to meet disposal requirements
31	Total Processed	Life-cycle volume of waste processed to meet shipment and/or disposal
32		requirements
33	Total Disposal	Life-cycle volume of waste disposed of at the Hanford Site or shipped offsite for
34		final disposition
35	Ending Inventory	Total volume of waste remaining in storage at the Hanford Site at the end of
36		FY 2046

## Alternative Group A Stream 1 LLW Category 1



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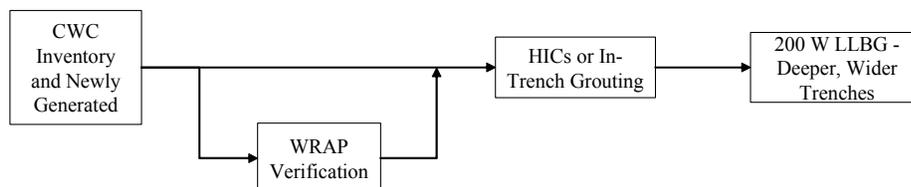
## Alternative Group A Stream 2 LLW Category 3



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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group A**  
**Stream 3**  
**Greater Than Category 3 Waste**



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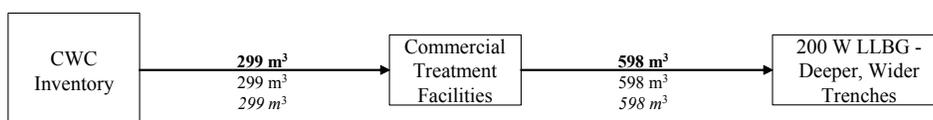
	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Total Stabilized:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Total Disposal:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

Notes: Both lined and unlined trenches have been analyzed as part of this alternative.

Waste disposed from FY99 to FY01 is not shown in the diagram but is included in the summary of Total Disposal.

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**Alternative Group A**  
**Stream 6**  
**LLW – Non-Conforming**



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	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Total Treatment:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Total Disposal:	598 m <sup>3</sup>	598 m <sup>3</sup>	598 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

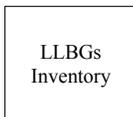
Notes: Both lined and unlined trenches have been analyzed as part of this alternative.

Waste disposed from FY99 to FY01 is not shown in the diagram but is included in the summary of Total Disposal.

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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group A**  
**Stream 20**  
**LLW – Previously Disposed of**

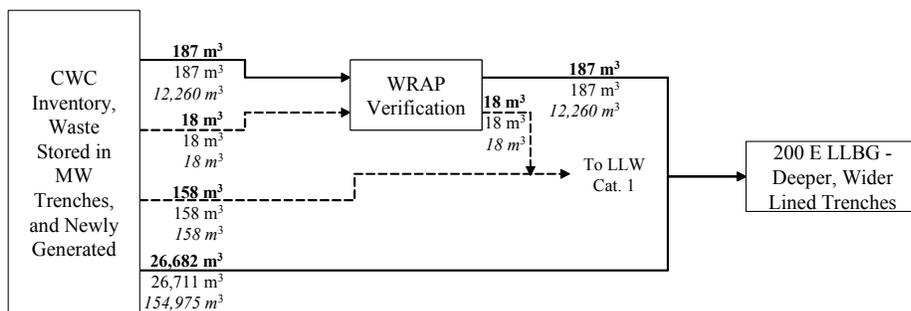


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Receipts:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

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**Alternative Group A**  
**Stream 11**  
**MLLW Treated and Ready for Disposal**



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	<b>Hanford Only</b>	Lower Bound	Upper Bound
Disposed FY99-01:	<b>1,010 m<sup>3</sup></b>	1,010 m <sup>3</sup>	1,010 m <sup>3</sup>
Initial Inventory:	<b>1,102 m<sup>3</sup></b>	1,102 m <sup>3</sup>	1,102 m <sup>3</sup>
Receipts:	<b>25,942 m<sup>3</sup></b>	25,970 m <sup>3</sup>	166,307 m <sup>3</sup>
Waste Stream Total:	<b>28,054 m<sup>3</sup></b>	28,082 m <sup>3</sup>	168,419 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>27,879 m<sup>3</sup></b>	27,907 m <sup>3</sup>	168,244 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

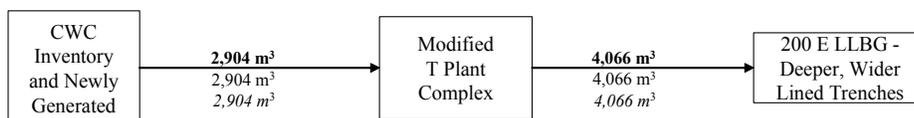
Notes: Dashed lines represent waste managed as MLLW expected to be reclassified as LLW.

Waste disposed from FY99 to FY01 is not shown in the diagram but is included in the summary of Total Disposal.

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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

## Alternative Group A Stream 12 RH and Non-Standard Packages

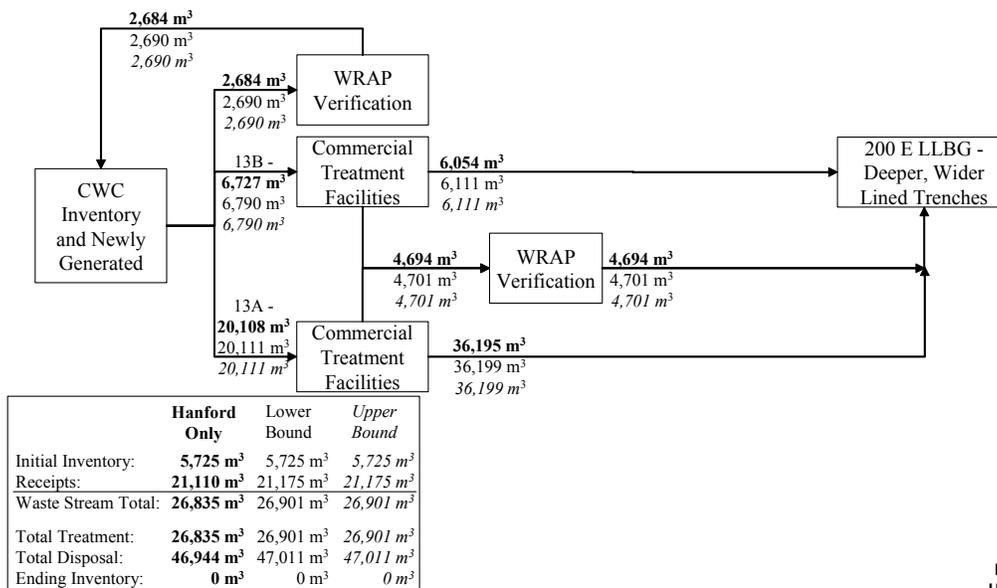


	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	65 m <sup>3</sup>	65 m <sup>3</sup>	65 m <sup>3</sup>
Receipts:	2,839 m <sup>3</sup>	2,839 m <sup>3</sup>	2,839 m <sup>3</sup>
Waste Stream Total:	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>
Total Treatment:	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>
Total Disposal:	4,066 m <sup>3</sup>	4,066 m <sup>3</sup>	4,066 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

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## Alternative Group A Stream 13A – CH Inorganic Solids and Debris Stream 13B – CH Organic Solids and Debris



	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	5,725 m <sup>3</sup>	5,725 m <sup>3</sup>	5,725 m <sup>3</sup>
Receipts:	21,110 m <sup>3</sup>	21,175 m <sup>3</sup>	21,175 m <sup>3</sup>
Waste Stream Total:	26,835 m <sup>3</sup>	26,901 m <sup>3</sup>	26,901 m <sup>3</sup>
Total Treatment:	26,835 m <sup>3</sup>	26,901 m <sup>3</sup>	26,901 m <sup>3</sup>
Total Disposal:	46,944 m <sup>3</sup>	47,011 m <sup>3</sup>	47,011 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

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HSW EIS 02-24-03

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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group A**  
**Stream 14**  
**Elemental Lead**

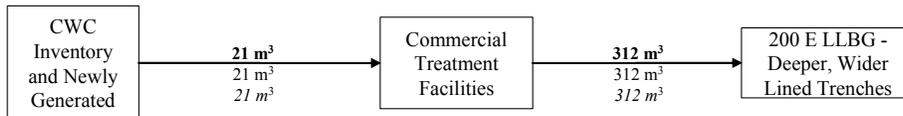


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	445 m <sup>3</sup>	445 m <sup>3</sup>	445 m <sup>3</sup>
Receipts:	155 m <sup>3</sup>	163 m <sup>3</sup>	163 m <sup>3</sup>
Waste Stream Total:	600 m <sup>3</sup>	608 m <sup>3</sup>	608 m <sup>3</sup>
Total Treatment:	600 m <sup>3</sup>	608 m <sup>3</sup>	608 m <sup>3</sup>
Total Disposal:	1,200 m <sup>3</sup>	1,215 m <sup>3</sup>	1,215 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

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 HSW EIS 02-24-03

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**Alternative Group A**  
**Stream 15**  
**Elemental Mercury**



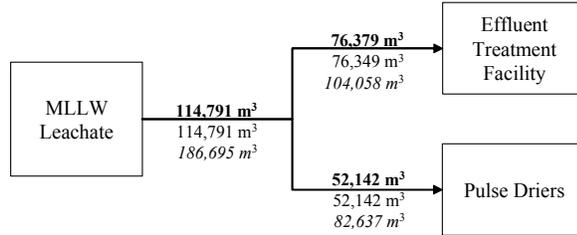
	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	13 m <sup>3</sup>	13 m <sup>3</sup>	13 m <sup>3</sup>
Receipts:	8 m <sup>3</sup>	8 m <sup>3</sup>	8 m <sup>3</sup>
Waste Stream Total:	21 m <sup>3</sup>	21 m <sup>3</sup>	21 m <sup>3</sup>
Total Treatment:	21 m <sup>3</sup>	21 m <sup>3</sup>	21 m <sup>3</sup>
Total Disposal:	312 m <sup>3</sup>	312 m <sup>3</sup>	312 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

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 HSW EIS 02-24-03

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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group A**  
**Stream 18**  
**MLLW Trench Leachate**

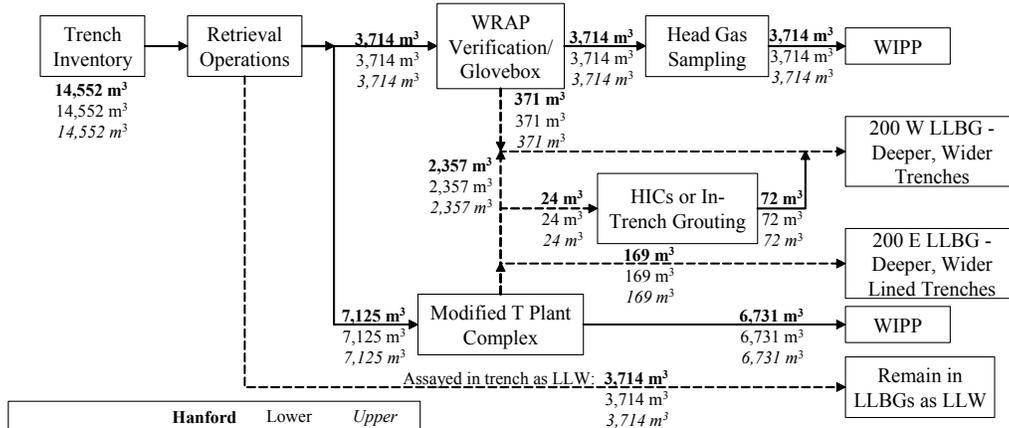


	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Generation:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Waste Stream Total:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Total Treatment/ Disposal:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

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 HSW EIS 02-24-03

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**Alternative Group A**  
**Stream 4**  
**TRU - Waste from Trenches**



	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>
Total Processed:	10,938 m <sup>3</sup>	10,938 m <sup>3</sup>	10,938 m <sup>3</sup>
Total Disposal:	10,185 m <sup>3</sup>	10,185 m <sup>3</sup>	10,185 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

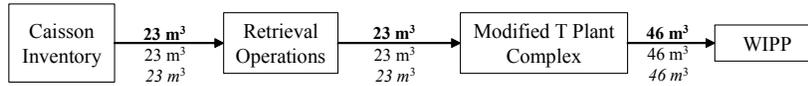
Note: Both lined and unlined trenches have been analyzed for LLW disposal as part of this alternative.

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 HSW EIS 02-24-03

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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group A**  
**Stream 5**  
**TRU - Waste from Caissons**

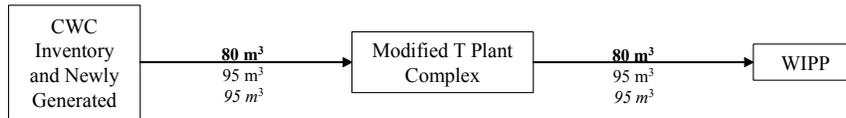


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Total Processed:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Total Disposal:	46 m <sup>3</sup>	46 m <sup>3</sup>	46 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

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 HSW EIS 02-24-03

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**Alternative Group A**  
**Stream 8**  
**TRU - Commingled PCB Waste**



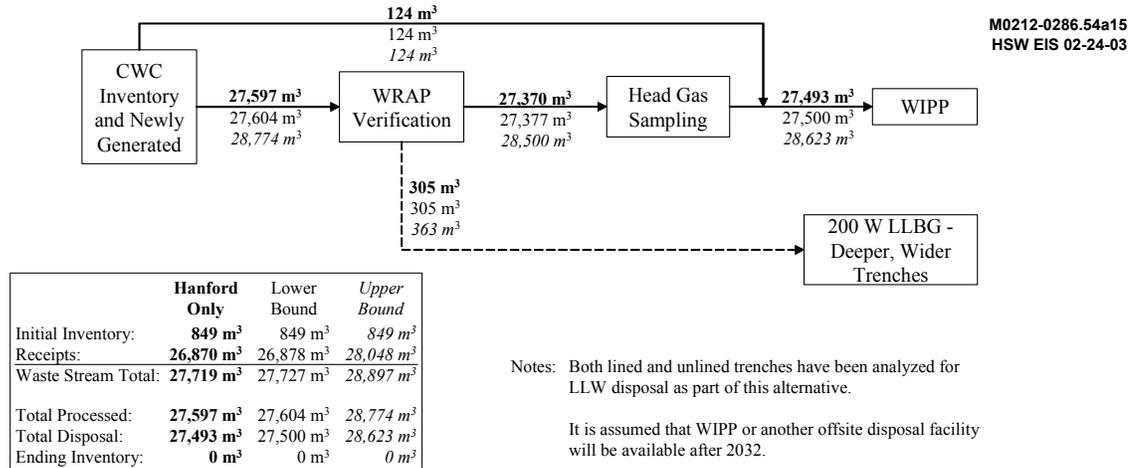
	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	80 m <sup>3</sup>	80 m <sup>3</sup>	80 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	15 m <sup>3</sup>	15 m <sup>3</sup>
Waste Stream Total:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Total Processed:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Total Disposal:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

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 HSW EIS 02-24-03

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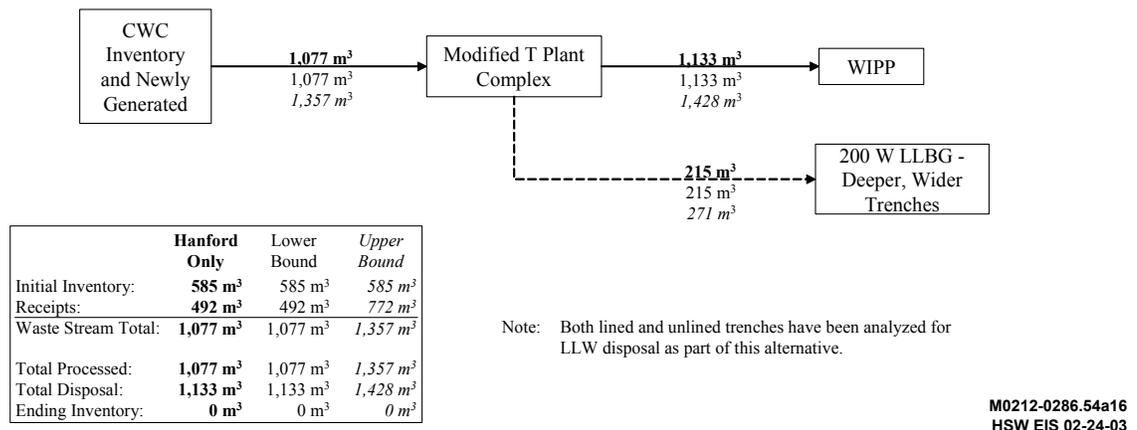
\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group A**  
**Stream 9**  
**TRU – Newly Generated and Existing CH Standard Containers**



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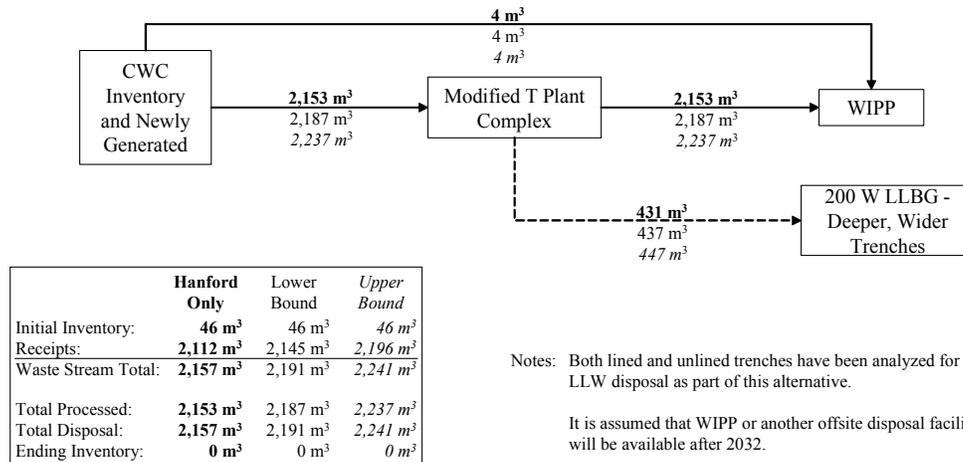
**Alternative Group A**  
**Stream 10A**  
**TRU – Newly Generated and Existing CH Non-Standard Containers**



2

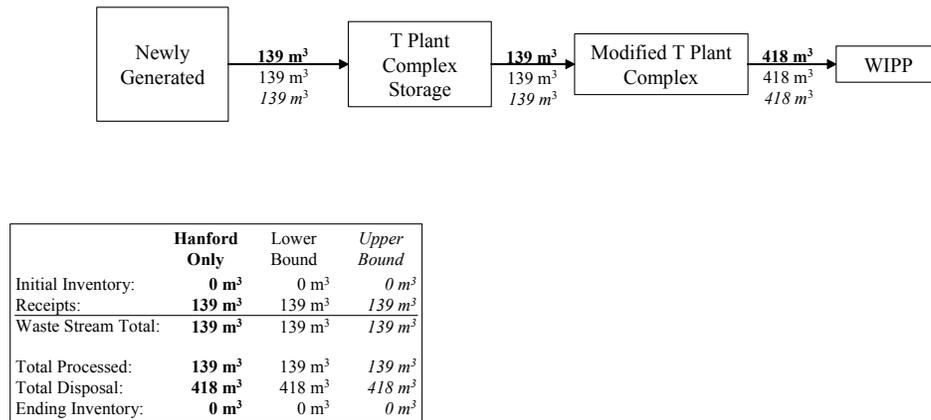
\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group A**  
**Stream 10B**  
**TRU – Newly Generated and Existing RH Waste**



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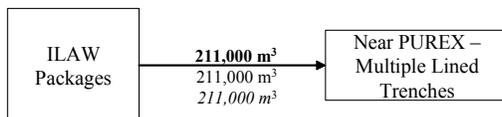
**Alternative Group A**  
**Stream 17**  
**TRU – K Basins Sludge**



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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group A**  
**Stream 21**  
**WTP Wastes – ILAW Packages**

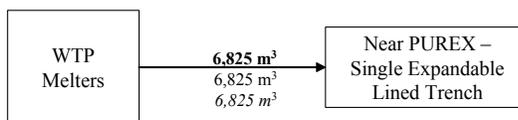


	<b>Hanford Only</b>	Lower Bound	<i>Upper Bound</i>
Initial Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	<b>211,000 m<sup>3</sup></b>	211,000 m <sup>3</sup>	<i>211,000 m<sup>3</sup></i>
Waste Stream Total:	<b>211,000 m<sup>3</sup></b>	211,000 m <sup>3</sup>	<i>211,000 m<sup>3</sup></i>
Total Processed:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>211,000 m<sup>3</sup></b>	211,000 m <sup>3</sup>	<i>211,000 m<sup>3</sup></i>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

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**R1 HSW EIS 02-24-03**

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**Alternative Group A**  
**Stream 22**  
**WTP Wastes –WTP Melters**



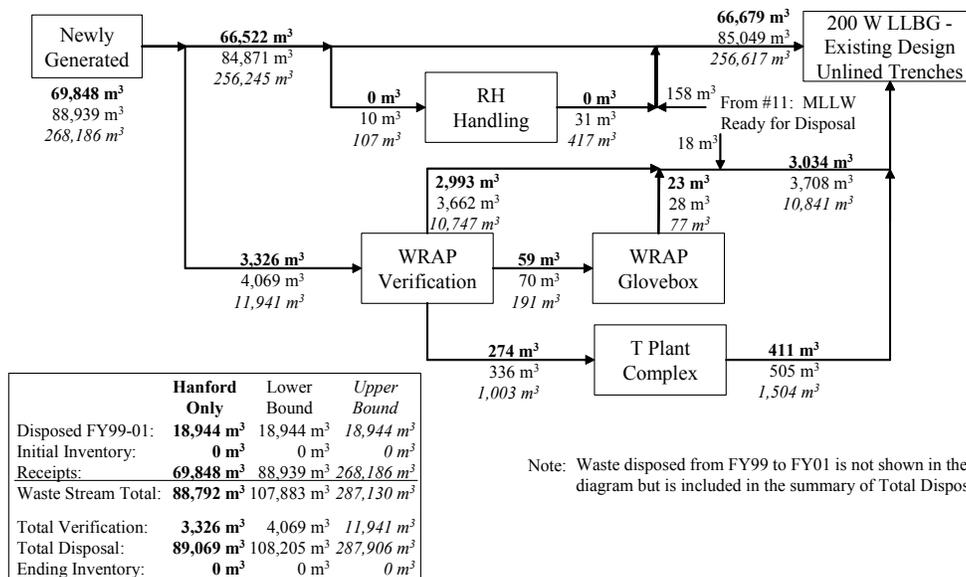
	<b>Hanford Only</b>	Lower Bound	<i>Upper Bound</i>
Initial Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	<b>6,825 m<sup>3</sup></b>	6,825 m <sup>3</sup>	<i>6,825 m<sup>3</sup></i>
Waste Stream Total:	<b>6,825 m<sup>3</sup></b>	6,825 m <sup>3</sup>	<i>6,825 m<sup>3</sup></i>
Total Processed:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>6,825 m<sup>3</sup></b>	6,825 m <sup>3</sup>	<i>6,825 m<sup>3</sup></i>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

**M0212-0286.54a20**  
**R1 HSW EIS 02-24-03**

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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

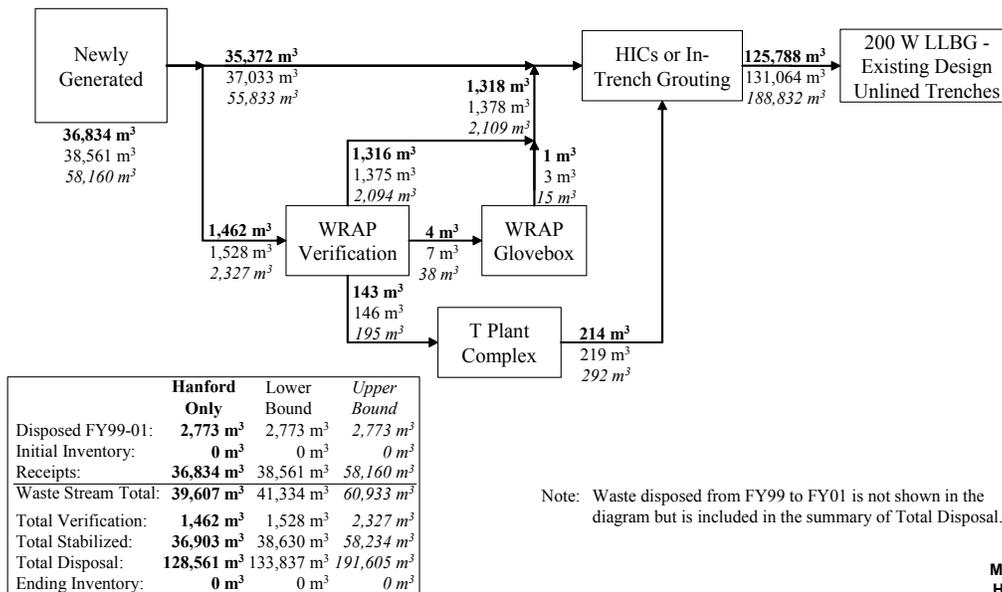
## Alternative Group B Stream 1 LLW Category 1



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## Alternative Group B Stream 2 LLW Category 3

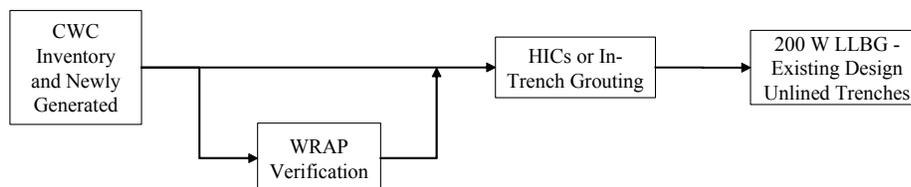


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HSW EIS 02-24-03

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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group B**  
**Stream 3**  
**Greater Than Category 3 Waste**

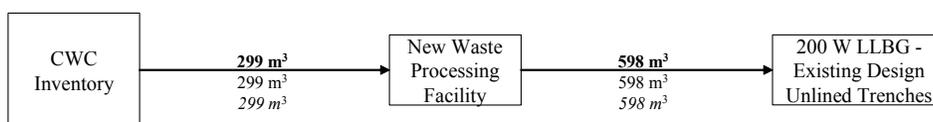


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Total Stabilized:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Total Disposal:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a23  
 HSW EIS 02-24-03

1

**Alternative Group B**  
**Stream 6**  
**LLW – Non-Conforming**



	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Total Treatment:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Total Disposal:	598 m <sup>3</sup>	598 m <sup>3</sup>	598 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a24  
 R1 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group B**  
**Stream 20**  
**LLW – Previously Disposed of**

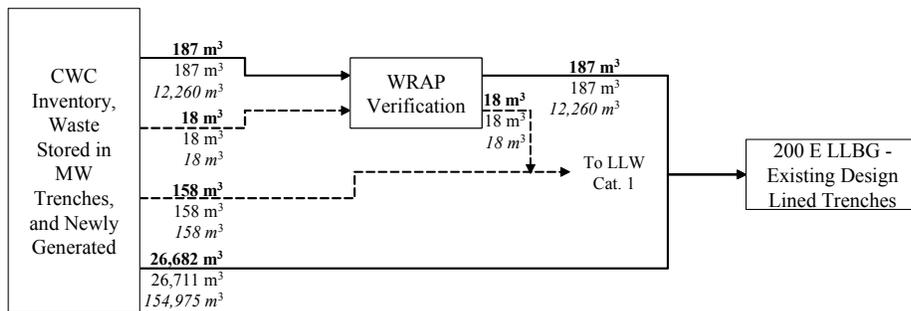


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Receipts:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a25  
 HSW EIS 02-24-03

1

**Alternative Group B**  
**Stream 11**  
**MLLW Treated and Ready for Disposal**



M0212-0286.54a26  
 HSW EIS 02-24-03

	<b>Hanford Only</b>	Lower Bound	Upper Bound
Disposed FY99-01:	<b>1,010 m<sup>3</sup></b>	1,010 m <sup>3</sup>	1,010 m <sup>3</sup>
Initial Inventory:	<b>1,102 m<sup>3</sup></b>	1,102 m <sup>3</sup>	1,102 m <sup>3</sup>
Receipts:	<b>25,942 m<sup>3</sup></b>	25,970 m <sup>3</sup>	166,307 m <sup>3</sup>
Waste Stream Total:	<b>28,054 m<sup>3</sup></b>	28,082 m <sup>3</sup>	168,419 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>27,879 m<sup>3</sup></b>	27,907 m <sup>3</sup>	168,244 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

Notes: Dashed lines represent waste managed as MLLW expected to be reclassified as LLW.

Waste disposed from FY99 to FY01 is not shown in the diagram but is included in the summary of Total Disposal.

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group B**  
**Stream 12**  
**RH and Non-Standard Packages**

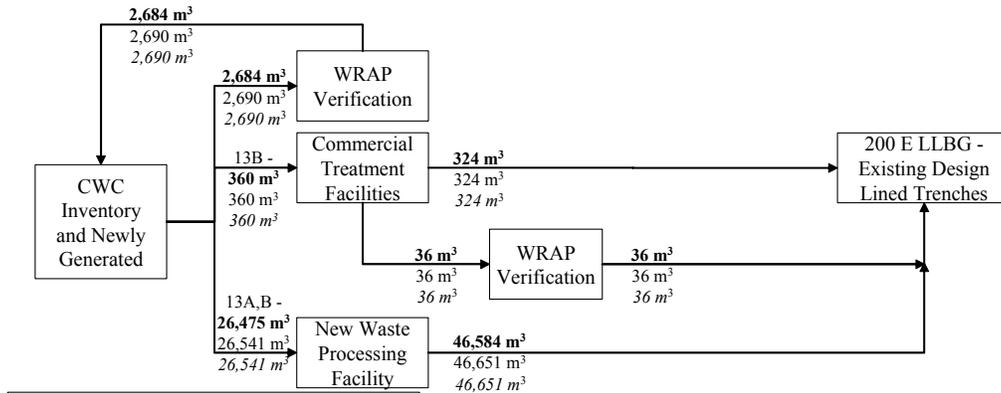


	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	65 m <sup>3</sup>	65 m <sup>3</sup>	65 m <sup>3</sup>
Receipts:	2,839 m <sup>3</sup>	2,839 m <sup>3</sup>	2,839 m <sup>3</sup>
Waste Stream Total:	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>
Total Treatment:	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>
Total Disposal:	4,066 m <sup>3</sup>	4,066 m <sup>3</sup>	4,066 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a27  
 R1 HSW EIS 02-24-03

1

**Alternative Group B**  
**Stream 13A – CH Inorganic Solids and Debris**  
**Stream 13B – CH Organic Solids and Debris**



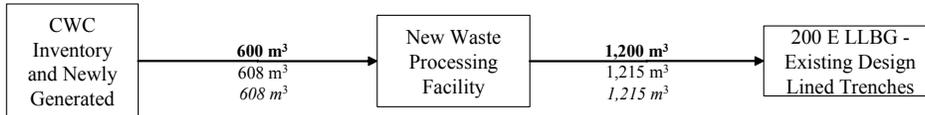
	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	5,725 m <sup>3</sup>	5,725 m <sup>3</sup>	5,725 m <sup>3</sup>
Receipts:	21,110 m <sup>3</sup>	21,175 m <sup>3</sup>	21,175 m <sup>3</sup>
Waste Stream Total:	26,835 m <sup>3</sup>	26,901 m <sup>3</sup>	26,901 m <sup>3</sup>
Total Treatment:	26,835 m <sup>3</sup>	26,901 m <sup>3</sup>	26,901 m <sup>3</sup>
Total Disposal:	46,944 m <sup>3</sup>	47,011 m <sup>3</sup>	47,011 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a28  
 R1 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group B**  
**Stream 14**  
**Elemental Lead**

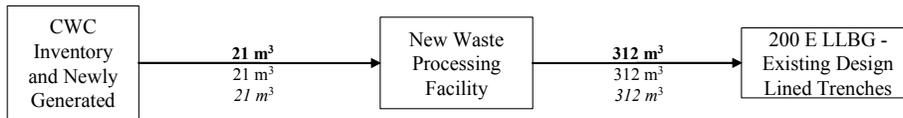


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	<b>445 m<sup>3</sup></b>	445 m <sup>3</sup>	445 m <sup>3</sup>
Receipts:	<b>155 m<sup>3</sup></b>	163 m <sup>3</sup>	163 m <sup>3</sup>
Waste Stream Total:	<b>600 m<sup>3</sup></b>	608 m <sup>3</sup>	608 m <sup>3</sup>
Total Treatment:	<b>600 m<sup>3</sup></b>	608 m <sup>3</sup>	608 m <sup>3</sup>
Total Disposal:	<b>1,200 m<sup>3</sup></b>	1,215 m <sup>3</sup>	1,215 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a29  
 R1 HSW EIS 02-24-03

1

**Alternative Group B**  
**Stream 15**  
**Elemental Mercury**



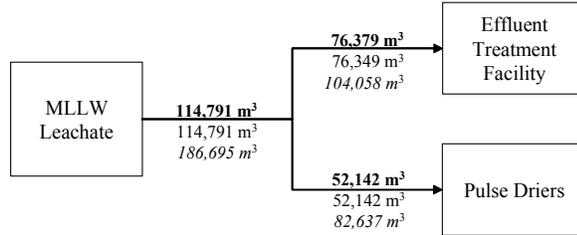
	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	<b>13 m<sup>3</sup></b>	13 m <sup>3</sup>	13 m <sup>3</sup>
Receipts:	<b>8 m<sup>3</sup></b>	8 m <sup>3</sup>	8 m <sup>3</sup>
Waste Stream Total:	<b>21 m<sup>3</sup></b>	21 m <sup>3</sup>	21 m <sup>3</sup>
Total Treatment:	<b>21 m<sup>3</sup></b>	21 m <sup>3</sup>	21 m <sup>3</sup>
Total Disposal:	<b>312 m<sup>3</sup></b>	312 m <sup>3</sup>	312 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a30  
 R1 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group B**  
**Stream 18**  
**MLLW Trench Leachate**

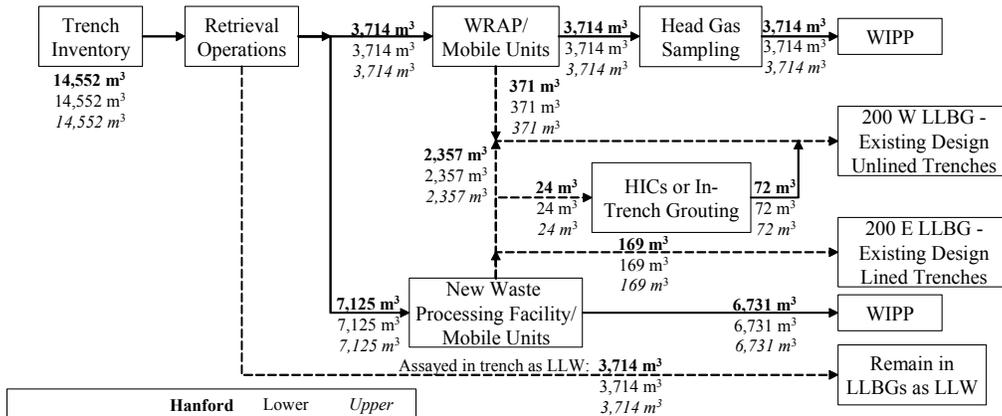


	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Generation:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Waste Stream Total:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Total Treatment/ Disposal:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a65  
 HSW EIS 02-24-03

1

**Alternative Group B**  
**Stream 4**  
**TRU - Waste from Trenches**



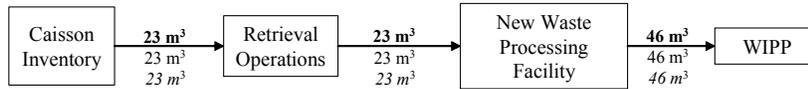
	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>
Total Processed:	10,938 m <sup>3</sup>	10,938 m <sup>3</sup>	10,938 m <sup>3</sup>
Total Disposal:	10,185 m <sup>3</sup>	10,185 m <sup>3</sup>	10,185 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a31  
 R2 HSW EIS 03-27-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group B**  
**Stream 5**  
**TRU - Waste from Caissons**

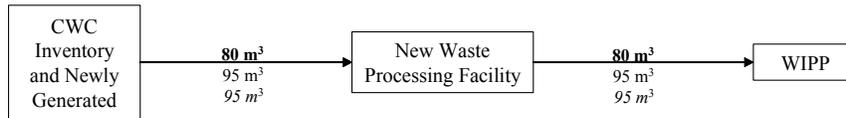


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Total Processed:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Total Disposal:	46 m <sup>3</sup>	46 m <sup>3</sup>	46 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a32  
 R1 HSW EIS 02-24-03

1

**Alternative Group B**  
**Stream 8**  
**TRU - Commingled PCB Waste**



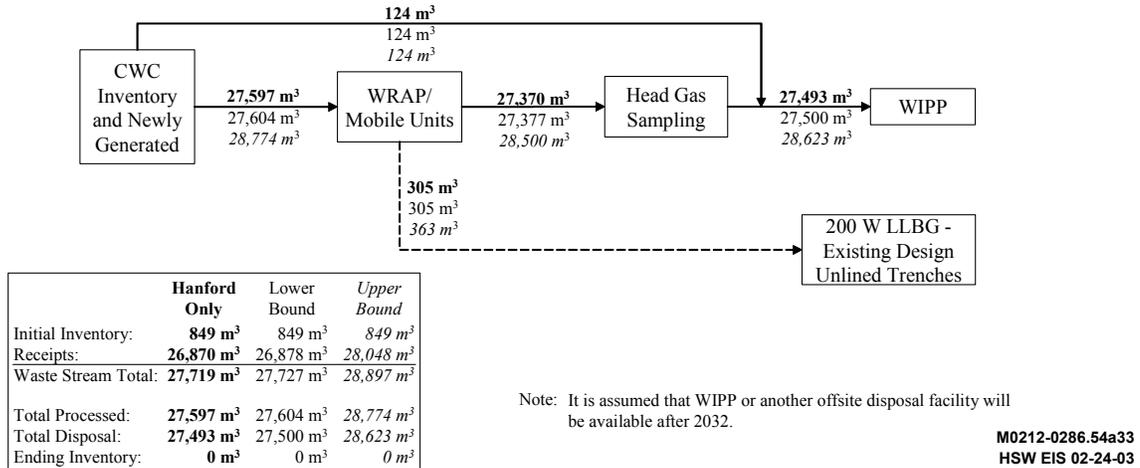
	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	80 m <sup>3</sup>	80 m <sup>3</sup>	80 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	15 m <sup>3</sup>	15 m <sup>3</sup>
Waste Stream Total:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Total Processed:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Total Disposal:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a66  
 R1 HSW EIS 02-24-03

2

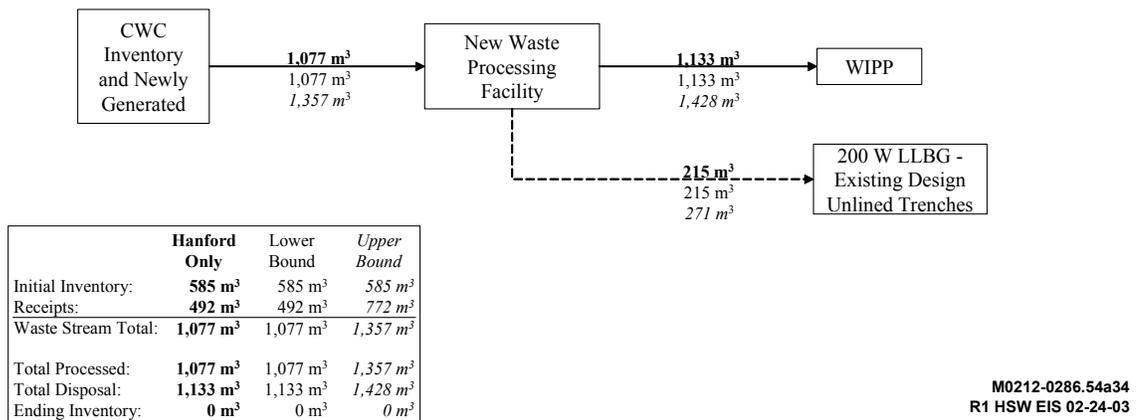
\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group B**  
**Stream 9**  
**TRU – Newly Generated and Existing CH Standard Containers**



1

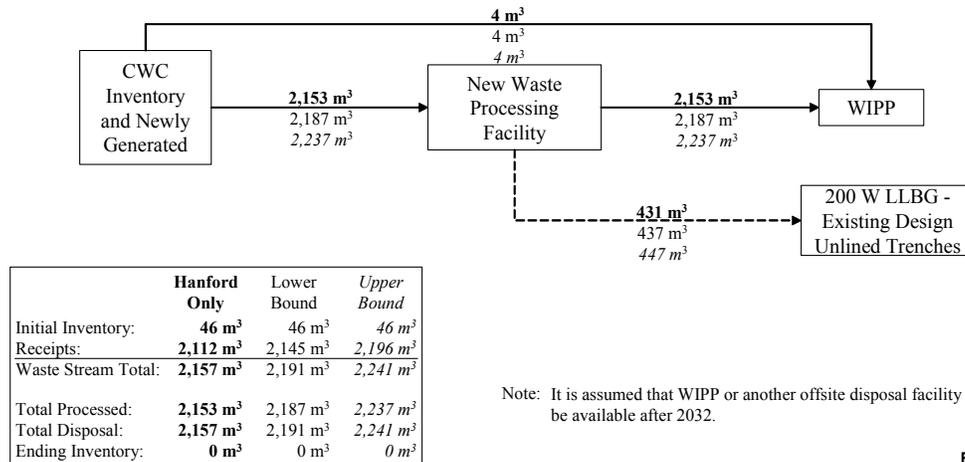
**Alternative Group B**  
**Stream 10A**  
**TRU – Newly Generated and Existing CH Non-Standard Containers**



2

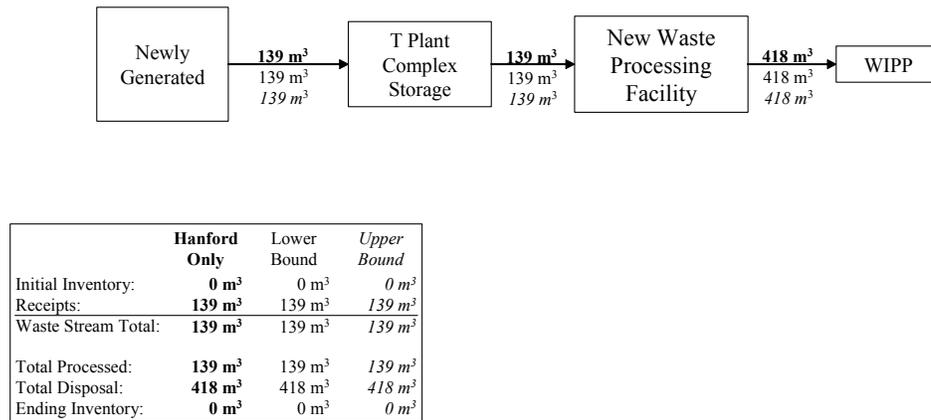
\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group B**  
**Stream 10B**  
**TRU – Newly Generated and Existing RH Waste**



1

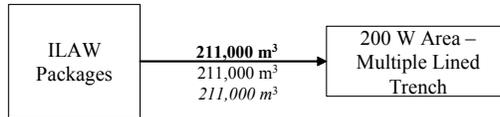
**Alternative Group B**  
**Stream 17**  
**TRU – K Basins Sludge**



2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group B**  
**Stream 21**  
**WTP Wastes – ILAW Packages**

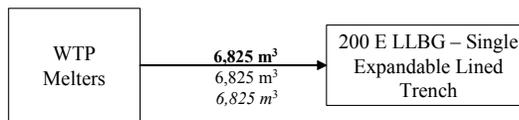


	<b>Hanford Only</b>	Lower Bound	<i>Upper Bound</i>
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	<b>211,000 m<sup>3</sup></b>	211,000 m <sup>3</sup>	<i>211,000 m<sup>3</sup></i>
Waste Stream Total:	<b>211,000 m<sup>3</sup></b>	211,000 m <sup>3</sup>	<i>211,000 m<sup>3</sup></i>
Total Processed:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>211,000 m<sup>3</sup></b>	211,000 m <sup>3</sup>	<i>211,000 m<sup>3</sup></i>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a37  
R1 HSW EIS 02-24-03

1

**Alternative Group B**  
**Stream 22**  
**WTP Wastes – WTP Melters**



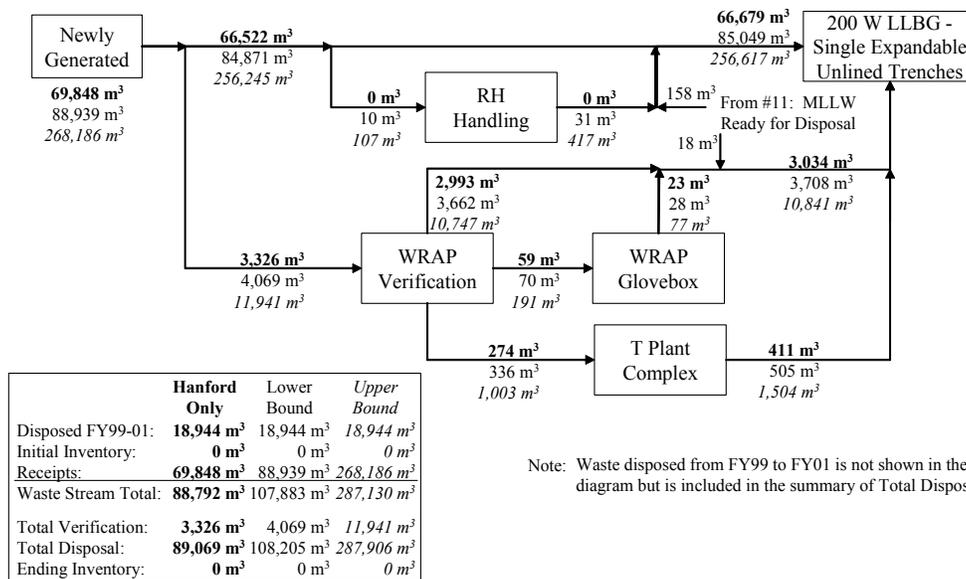
	<b>Hanford Only</b>	Lower Bound	<i>Upper Bound</i>
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	<b>6,825 m<sup>3</sup></b>	6,825 m <sup>3</sup>	<i>6,825 m<sup>3</sup></i>
Waste Stream Total:	<b>6,825 m<sup>3</sup></b>	6,825 m <sup>3</sup>	<i>6,825 m<sup>3</sup></i>
Total Processed:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>6,825 m<sup>3</sup></b>	6,825 m <sup>3</sup>	<i>6,825 m<sup>3</sup></i>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a38  
R1 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

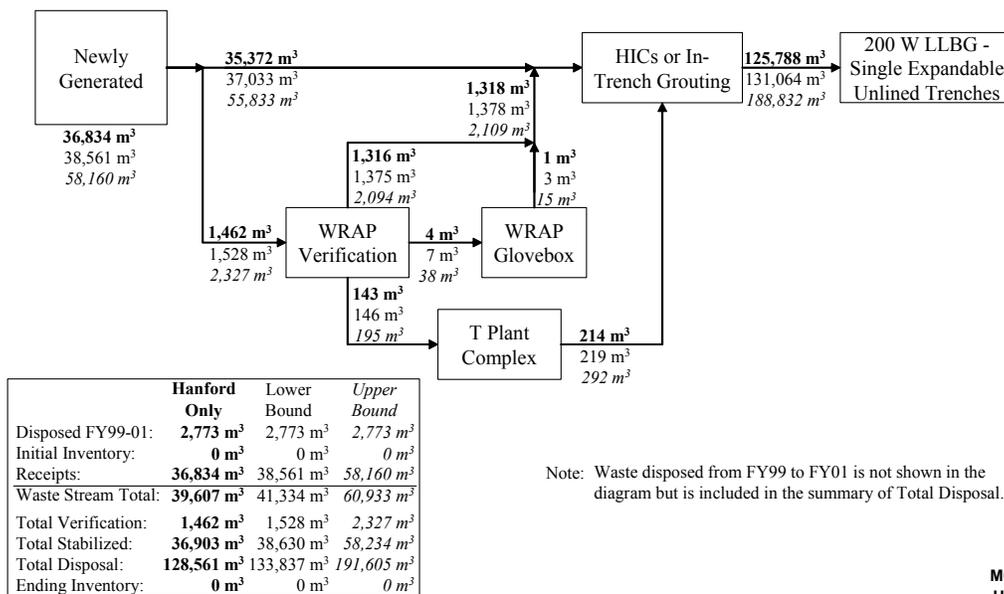
## Alternative Group C Stream 1 LLW Category 1



M0212-0286.54a39  
HSW EIS 02-24-03

1

## Alternative Group C Stream 2 LLW Category 3

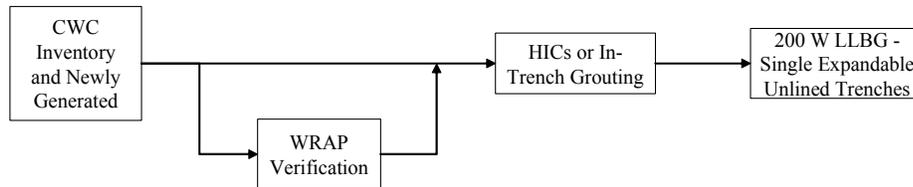


M0212-0286.54a40  
HSW EIS 02-24-03

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

2

**Alternative Group C**  
**Stream 3**  
**Greater Than Category 3 Waste**

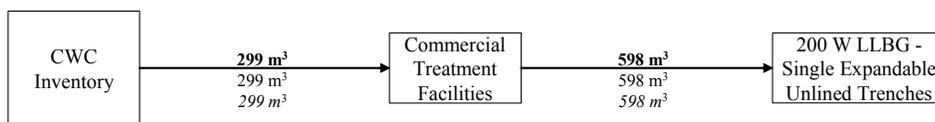


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Total Stabilized:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Total Disposal:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a41  
 HSW EIS 02-24-03

1

**Alternative Group C**  
**Stream 6**  
**LLW – Non-Conforming**



	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Total Treatment:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Total Disposal:	598 m <sup>3</sup>	598 m <sup>3</sup>	598 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a42  
 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group C**  
**Stream 20**  
**LLW – Previously Disposed of**

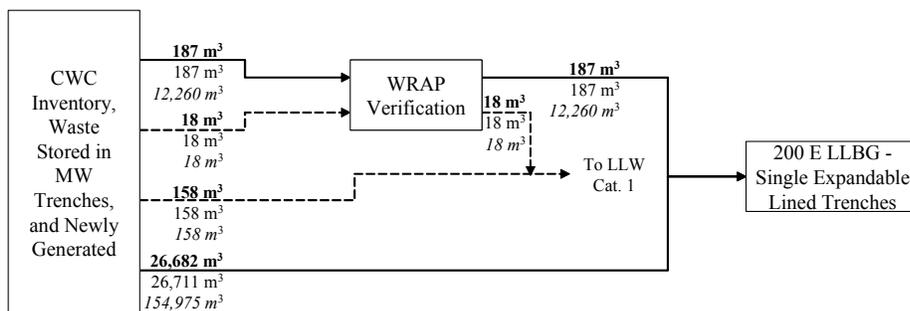


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Receipts:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a43  
 HSW EIS 02-24-03

1

**Alternative Group C**  
**Stream 11**  
**MLLW Treated and Ready for Disposal**



M0212-0286.54a44  
 HSW EIS 02-24-03

	<b>Hanford Only</b>	Lower Bound	Upper Bound
Disposed FY99-01:	<b>1,010 m<sup>3</sup></b>	1,010 m <sup>3</sup>	1,010 m <sup>3</sup>
Initial Inventory:	<b>1,102 m<sup>3</sup></b>	1,102 m <sup>3</sup>	1,102 m <sup>3</sup>
Receipts:	<b>25,942 m<sup>3</sup></b>	25,970 m <sup>3</sup>	166,307 m <sup>3</sup>
Waste Stream Total:	<b>28,054 m<sup>3</sup></b>	28,082 m <sup>3</sup>	168,419 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>27,879 m<sup>3</sup></b>	27,907 m <sup>3</sup>	168,244 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

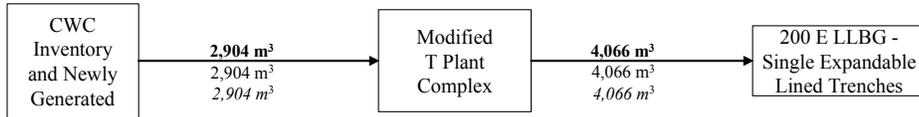
Notes: Dashed lines represent waste managed as MLLW expected to be reclassified as LLW.

Waste disposed from FY99 to FY01 is not shown in the diagram but is included in the summary of Total Disposal.

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group C**  
**Stream 12**  
**RH and Non-Standard Packages**

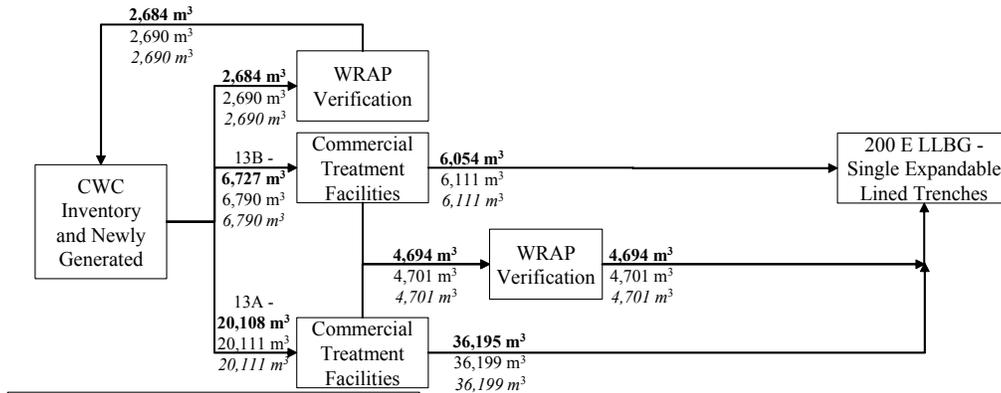


	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	65 m <sup>3</sup>	65 m <sup>3</sup>	65 m <sup>3</sup>
Receipts:	2,839 m <sup>3</sup>	2,839 m <sup>3</sup>	2,839 m <sup>3</sup>
Waste Stream Total:	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>
Total Treatment:	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>
Total Disposal:	4,066 m <sup>3</sup>	4,066 m <sup>3</sup>	4,066 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a45  
 HSW EIS 02-24-03

1

**Alternative Group C**  
**Stream 13A – CH Inorganic Solids and Debris**  
**Stream 13B – CH Organic Solids and Debris**



	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	5,725 m <sup>3</sup>	5,725 m <sup>3</sup>	5,725 m <sup>3</sup>
Receipts:	21,110 m <sup>3</sup>	21,175 m <sup>3</sup>	21,175 m <sup>3</sup>
Waste Stream Total:	26,835 m <sup>3</sup>	26,901 m <sup>3</sup>	26,901 m <sup>3</sup>
Total Treatment:	26,835 m <sup>3</sup>	26,901 m <sup>3</sup>	26,901 m <sup>3</sup>
Total Disposal:	46,944 m <sup>3</sup>	47,011 m <sup>3</sup>	47,011 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a46  
 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group C**  
**Stream 14**  
**Elemental Lead**



	<b>Hanford Only</b>	Lower Bound	<i>Upper Bound</i>
Initial Inventory:	<b>445 m<sup>3</sup></b>	445 m <sup>3</sup>	445 m <sup>3</sup>
Receipts:	<b>155 m<sup>3</sup></b>	163 m <sup>3</sup>	163 m <sup>3</sup>
Waste Stream Total:	<b>600 m<sup>3</sup></b>	608 m <sup>3</sup>	608 m <sup>3</sup>
Total Treatment:	<b>600 m<sup>3</sup></b>	608 m <sup>3</sup>	608 m <sup>3</sup>
Total Disposal:	<b>1,200 m<sup>3</sup></b>	1,215 m <sup>3</sup>	1,215 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a47  
 HSW EIS 02-24-03

1

**Alternative Group C**  
**Stream 15**  
**Elemental Mercury**



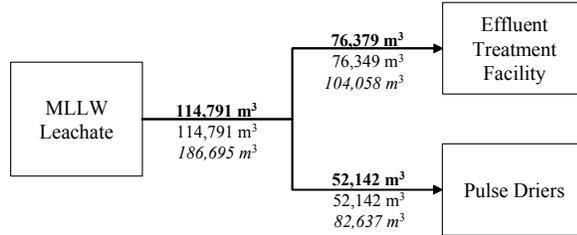
	<b>Hanford Only</b>	Lower Bound	<i>Upper Bound</i>
Initial Inventory:	<b>13 m<sup>3</sup></b>	13 m <sup>3</sup>	13 m <sup>3</sup>
Receipts:	<b>8 m<sup>3</sup></b>	8 m <sup>3</sup>	8 m <sup>3</sup>
Waste Stream Total:	<b>21 m<sup>3</sup></b>	21 m <sup>3</sup>	21 m <sup>3</sup>
Total Treatment:	<b>21 m<sup>3</sup></b>	21 m <sup>3</sup>	21 m <sup>3</sup>
Total Disposal:	<b>312 m<sup>3</sup></b>	312 m <sup>3</sup>	312 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a48  
 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group C**  
**Stream 18**  
**MLLW Trench Leachate**

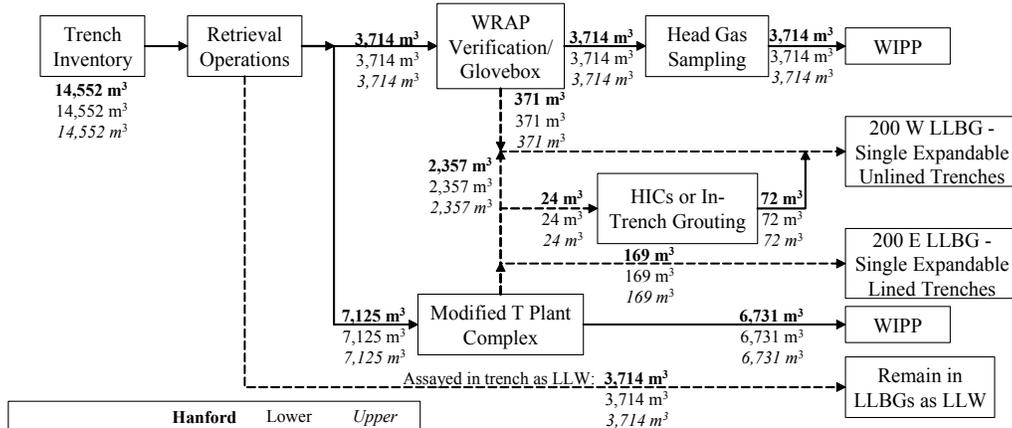


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Generation:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Waste Stream Total:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Total Treatment/ Disposal:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a49  
 HSW EIS 02-24-03

1

**Alternative Group C**  
**Stream 4**  
**TRU - Waste from Trenches**



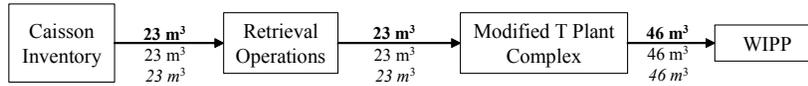
	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>
Total Processed:	10,938 m <sup>3</sup>	10,938 m <sup>3</sup>	10,938 m <sup>3</sup>
Total Disposal:	10,185 m <sup>3</sup>	10,185 m <sup>3</sup>	10,185 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a50  
 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group C**  
**Stream 5**  
**TRU - Waste from Caissons**

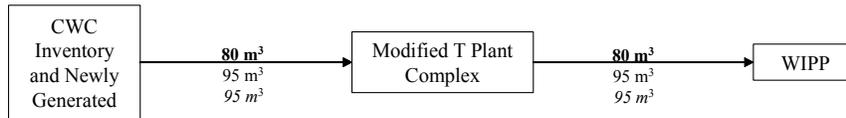


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Total Processed:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Total Disposal:	46 m <sup>3</sup>	46 m <sup>3</sup>	46 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a51  
 HSW EIS 02-24-03

1

**Alternative Group C**  
**Stream 8**  
**TRU - Commingled PCB Waste**



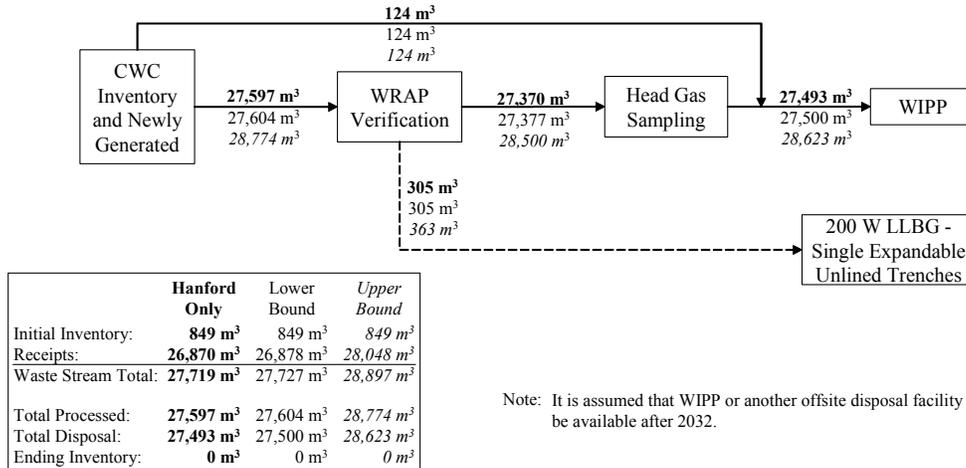
	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	80 m <sup>3</sup>	80 m <sup>3</sup>	80 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	15 m <sup>3</sup>	15 m <sup>3</sup>
Waste Stream Total:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Total Processed:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Total Disposal:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a52  
 HSW EIS 02-24-03

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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

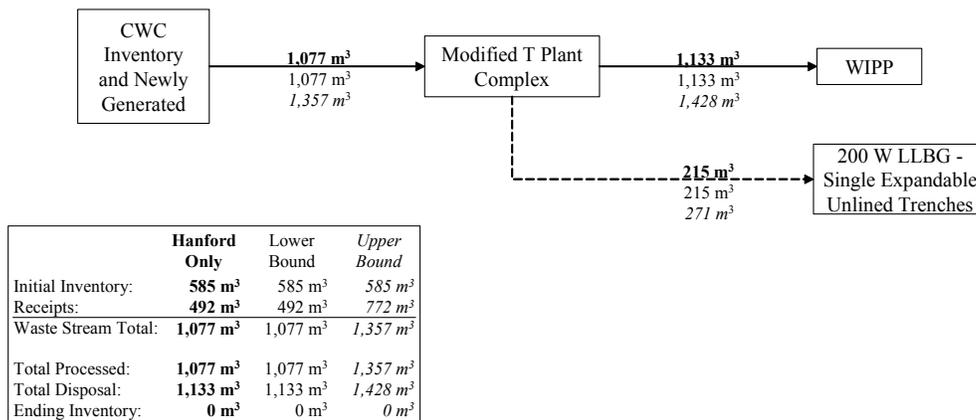
**Alternative Group C**  
**Stream 9**  
**TRU – Newly Generated and Existing CH Standard Containers**



M0212-0286.54a53  
 HSW EIS 02-24-03

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**Alternative Group C**  
**Stream 10A**  
**TRU – Newly Generated and Existing CH Non-Standard Containers**

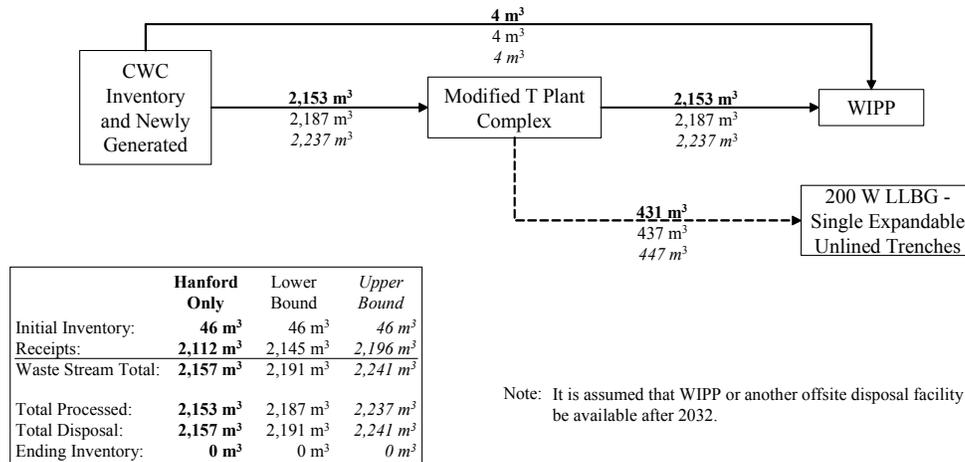


M0212-0286.54a54  
 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

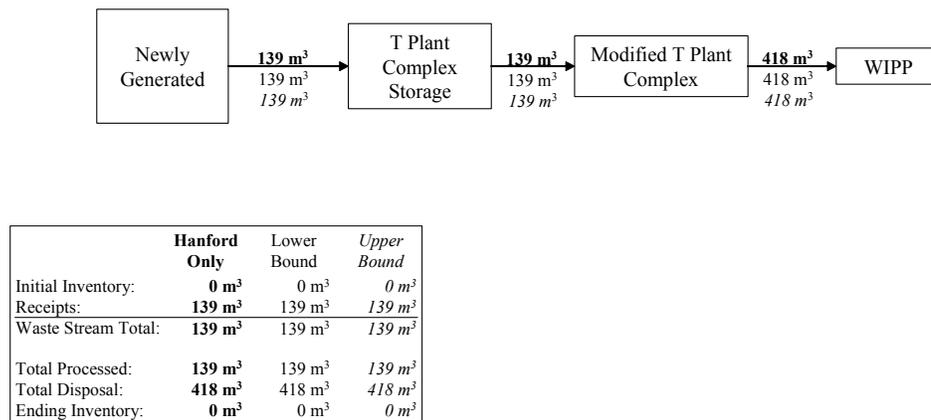
**Alternative Group C**  
**Stream 10B**  
**TRU – Newly Generated and Existing RH Waste**



M0212-0286.54a55  
 HSW EIS 02-24-03

1

**Alternative Group C**  
**Stream 17**  
**TRU – K Basins Sludge**

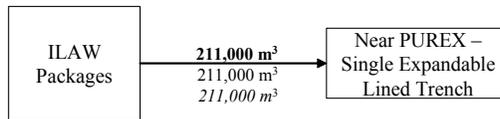


M0212-0286.54a56  
 HSW EIS 02-24-03

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\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Group C**  
**Stream 21**  
**WTP Wastes – ILAW Packages**

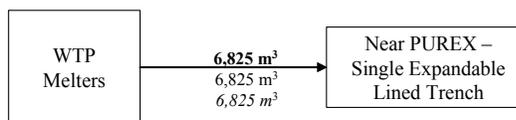


	<b>Hanford Only</b>	Lower Bound	<i>Upper Bound</i>
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	211,000 m <sup>3</sup>	211,000 m <sup>3</sup>	211,000 m <sup>3</sup>
Waste Stream Total:	211,000 m <sup>3</sup>	211,000 m <sup>3</sup>	211,000 m <sup>3</sup>
Total Processed:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	211,000 m <sup>3</sup>	211,000 m <sup>3</sup>	211,000 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a57  
R1 HSW EIS 02-24-03

1

**Alternative Group C**  
**Stream 22**  
**WTP Wastes –WTP Melters**



	<b>Hanford Only</b>	Lower Bound	<i>Upper Bound</i>
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	6,825 m <sup>3</sup>	6,825 m <sup>3</sup>	6,825 m <sup>3</sup>
Waste Stream Total:	6,825 m <sup>3</sup>	6,825 m <sup>3</sup>	6,825 m <sup>3</sup>
Total Processed:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	6,825 m <sup>3</sup>	6,825 m <sup>3</sup>	6,825 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.54a58  
R1 HSW EIS 02-24-03

2

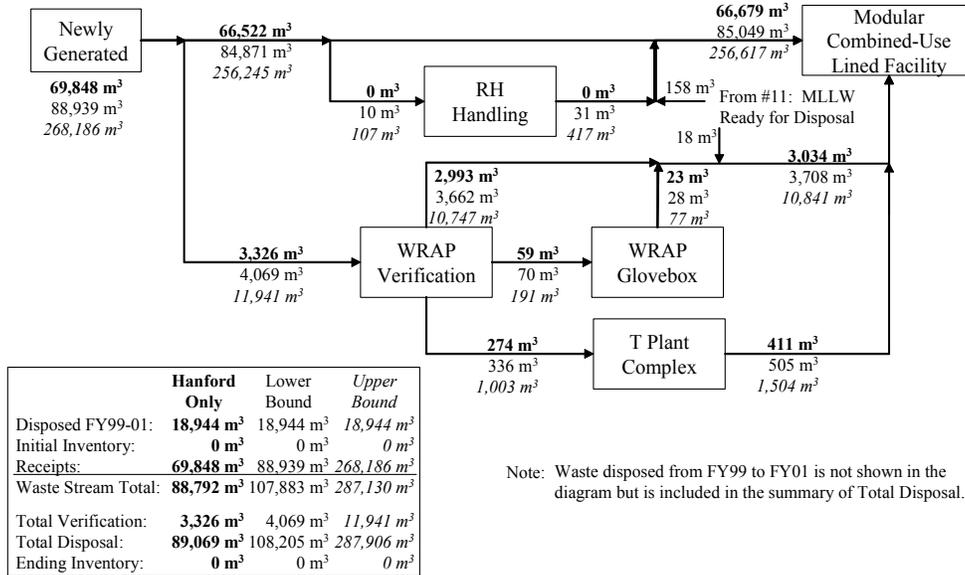
\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

1 The waste flow diagrams for Alternative Groups D and E have been combined for simplification. The  
 2 primary difference between these alternative groups is that Group D assumes a single modular combined-  
 3 use facility for LLW, MLLW, and WTP wastes disposal whereas Group E assumes two modular  
 4 combined-use facilities, one for LLW and MLLW disposal and one for disposal of WTP wastes. The  
 5 subalternatives within each group are also represented by these diagrams. The primary differences among  
 6 the subalternatives are the locations for the disposal facilities. Table B.25 has been provided as an aid for  
 7 reviewing these flow diagrams. This table provides a matrix of the disposal options by waste type for each  
 8 subalternative in Groups D and E.

9  
 10 **Table B.25.** Matrix of Disposal Options for Alternative Groups D and E  
 11

	Alternative Group D			Alternative Group E		
	1	2	3	1	2	3
LLW	Near PUREX	200 E LLBG	ERDF	200 E LLBG	Near PUREX	ERDF
MLLW	Near PUREX	200 E LLBG	ERDF	200 E LLBG	Near PUREX	ERDF
ILAW Packages	Near PUREX	200 E LLBG	ERDF	ERDF	ERDF	Near PUREX
WTP Melters	Near PUREX	200 E LLBG	ERDF	ERDF	ERDF	Near PUREX

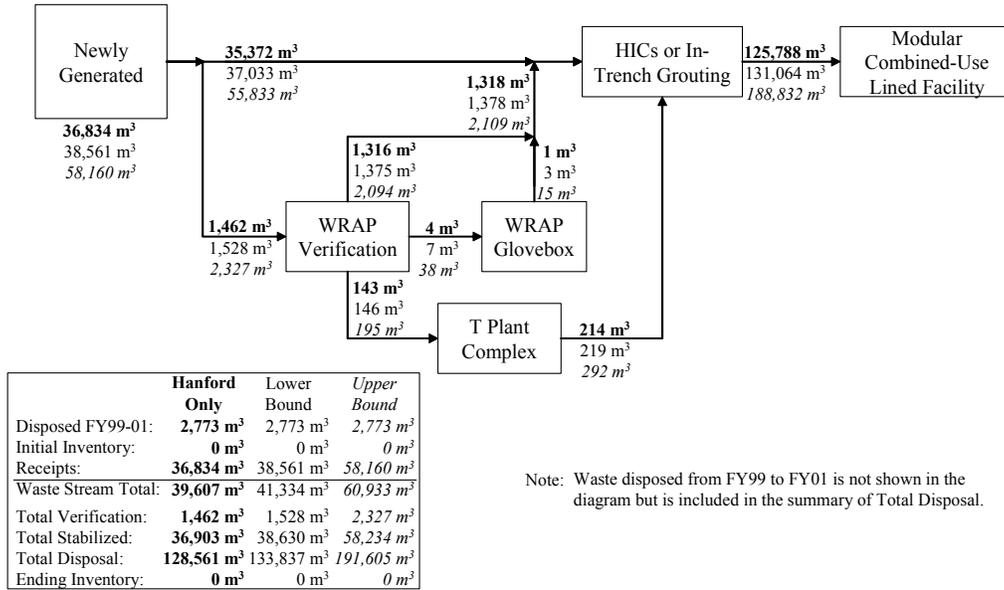
## Alternative Groups D & E Stream 1 LLW Category 1



M0212-0286.55a1  
HSW EIS 02-24-03

1

## Alternative Groups D & E Stream 2 LLW Category 3

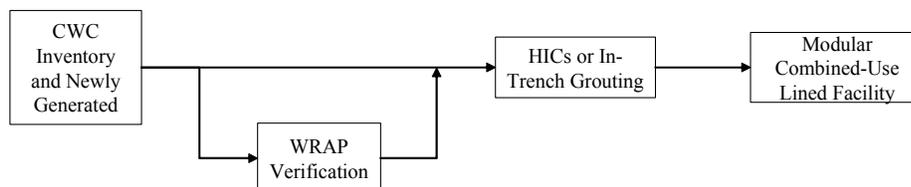


M0212-0286.55a2  
HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Groups D & E**  
**Stream 3**  
**Greater Than Category 3 Waste**

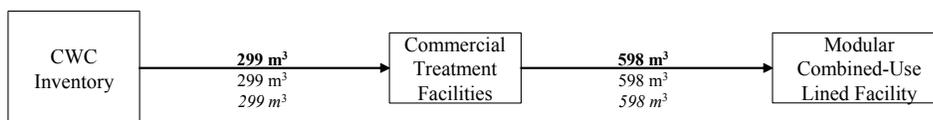


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Total Stabilized:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Total Disposal:	<1 m <sup>3</sup>	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a3  
 R1 HSW EIS 02-24-03

1

**Alternative Groups D & E**  
**Stream 6**  
**LLW – Non-Conforming**



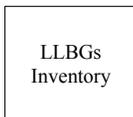
	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Total Treatment:	299 m <sup>3</sup>	299 m <sup>3</sup>	299 m <sup>3</sup>
Total Disposal:	598 m <sup>3</sup>	598 m <sup>3</sup>	598 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a4  
 R1 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Groups D & E**  
**Stream 20**  
**LLW – Previously Disposed of**

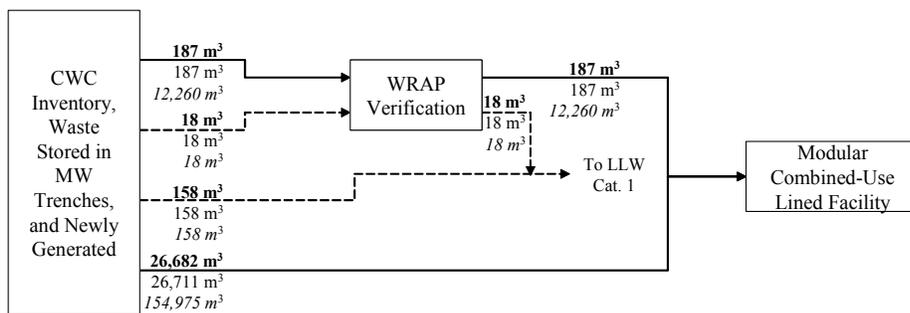


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Receipts:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>	283,067 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a5  
 HSW EIS 02-24-03

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**Alternative Groups D & E**  
**Stream 11**  
**MLLW Treated and Ready for Disposal**



M0212-0286.55a6  
 R1 HSW EIS 02-24-03

	<b>Hanford Only</b>	Lower Bound	Upper Bound
Disposed FY99-01:	<b>1,010 m<sup>3</sup></b>	1,010 m <sup>3</sup>	1,010 m <sup>3</sup>
Initial Inventory:	<b>1,102 m<sup>3</sup></b>	1,102 m <sup>3</sup>	1,102 m <sup>3</sup>
Receipts:	<b>25,942 m<sup>3</sup></b>	25,970 m <sup>3</sup>	166,307 m <sup>3</sup>
Waste Stream Total:	<b>28,054 m<sup>3</sup></b>	28,082 m <sup>3</sup>	168,419 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>27,879 m<sup>3</sup></b>	27,907 m <sup>3</sup>	168,244 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

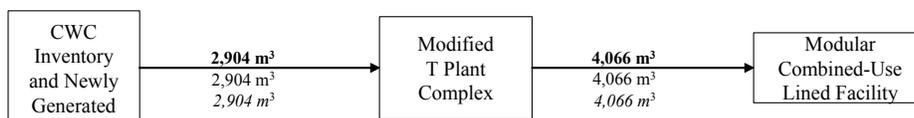
Notes: Dashed lines represent waste managed as MLLW expected to be reclassified as LLW.

Waste disposed from FY99 to FY01 is not shown in the diagram but is included in the summary of Total Disposal.

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

## Alternative Groups D & E Stream 12 RH and Non-Standard Packages

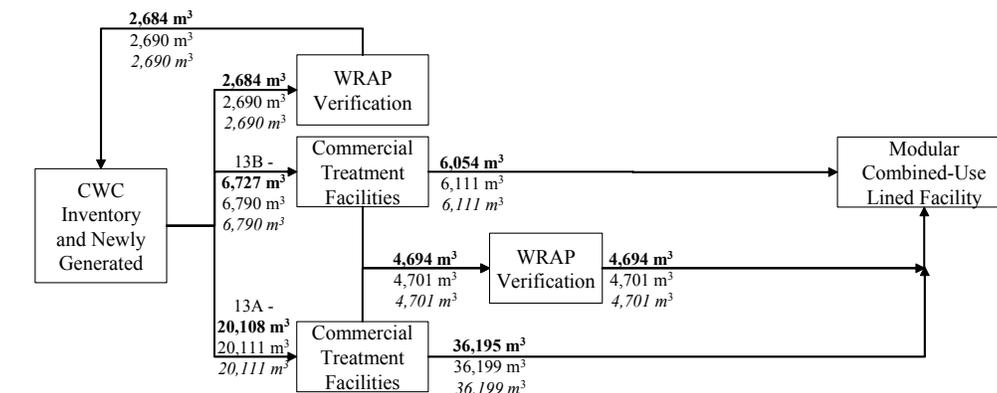


	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	65 m <sup>3</sup>	65 m <sup>3</sup>	65 m <sup>3</sup>
Receipts:	2,839 m <sup>3</sup>	2,839 m <sup>3</sup>	2,839 m <sup>3</sup>
Waste Stream Total:	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>
Total Treatment:	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>
Total Disposal:	4,066 m <sup>3</sup>	4,066 m <sup>3</sup>	4,066 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a7  
R1 HSW EIS 02-24-03

1

## Alternative Groups D & E Stream 13A – CH Inorganic Solids and Debris Stream 13B – CH Organic Solids and Debris



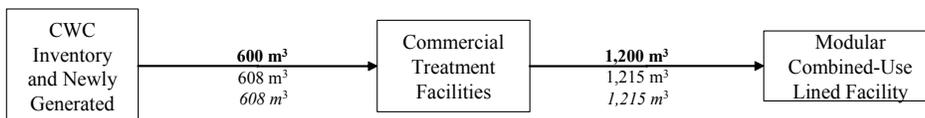
	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	5,725 m <sup>3</sup>	5,725 m <sup>3</sup>	5,725 m <sup>3</sup>
Receipts:	21,110 m <sup>3</sup>	21,175 m <sup>3</sup>	21,175 m <sup>3</sup>
Waste Stream Total:	26,835 m <sup>3</sup>	26,901 m <sup>3</sup>	26,901 m <sup>3</sup>
Total Treatment:	26,835 m <sup>3</sup>	26,901 m <sup>3</sup>	26,901 m <sup>3</sup>
Total Disposal:	46,944 m <sup>3</sup>	47,011 m <sup>3</sup>	47,011 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a8  
R1 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Groups D & E**  
**Stream 14**  
**Elemental Lead**

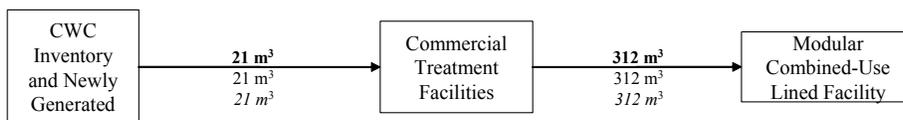


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	445 m <sup>3</sup>	445 m <sup>3</sup>	445 m <sup>3</sup>
Receipts:	155 m <sup>3</sup>	163 m <sup>3</sup>	163 m <sup>3</sup>
Waste Stream Total:	600 m <sup>3</sup>	608 m <sup>3</sup>	608 m <sup>3</sup>
Total Treatment:	600 m <sup>3</sup>	608 m <sup>3</sup>	608 m <sup>3</sup>
Total Disposal:	1,200 m <sup>3</sup>	1,215 m <sup>3</sup>	1,215 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a9  
 R1 HSW EIS 02-24-03

1

**Alternative Groups D & E**  
**Stream 15**  
**Elemental Mercury**



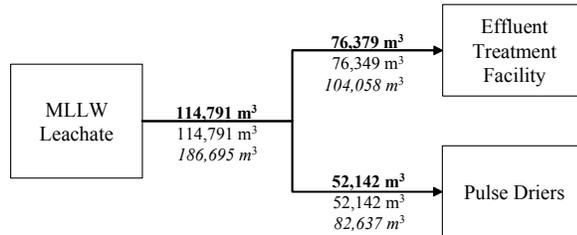
	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	13 m <sup>3</sup>	13 m <sup>3</sup>	13 m <sup>3</sup>
Receipts:	8 m <sup>3</sup>	8 m <sup>3</sup>	8 m <sup>3</sup>
Waste Stream Total:	21 m <sup>3</sup>	21 m <sup>3</sup>	21 m <sup>3</sup>
Total Treatment:	21 m <sup>3</sup>	21 m <sup>3</sup>	21 m <sup>3</sup>
Total Disposal:	312 m <sup>3</sup>	312 m <sup>3</sup>	312 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a10  
 R1 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Groups D & E**  
**Stream 18**  
**MLLW Trench Leachate**

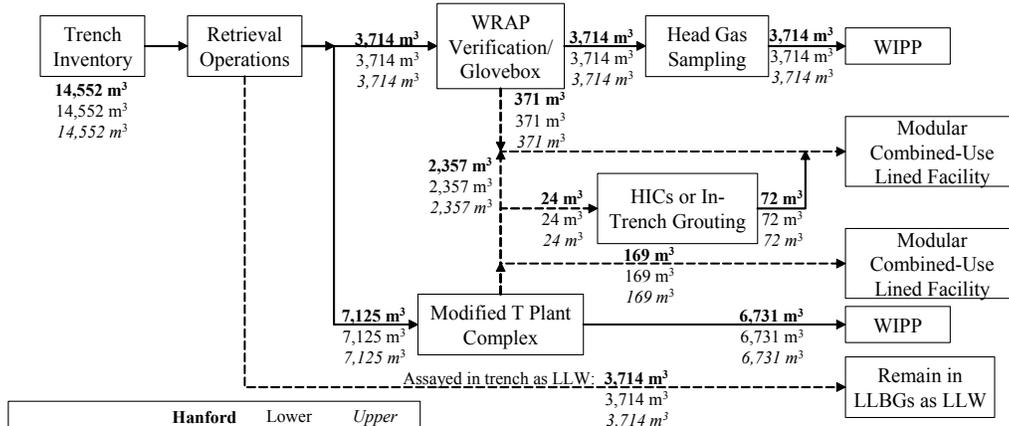


	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Generation:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Waste Stream Total:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Total Treatment/ Disposal:	114,791 m <sup>3</sup>	114,791 m <sup>3</sup>	186,695 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a11  
 HSW EIS 02-24-03

1

**Alternative Groups D & E**  
**Stream 4**  
**TRU - Waste from Trenches**



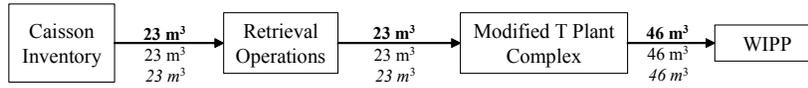
	Hanford Only	Lower Bound	Upper Bound
Initial Inventory:	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>	14,552 m <sup>3</sup>
Total Processed:	10,938 m <sup>3</sup>	10,938 m <sup>3</sup>	10,938 m <sup>3</sup>
Total Disposal:	10,185 m <sup>3</sup>	10,185 m <sup>3</sup>	10,185 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a12  
 R1 HSW EIS 02-24-03

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

2

**Alternative Groups D & E**  
**Stream 5**  
**TRU - Waste from Caissons**

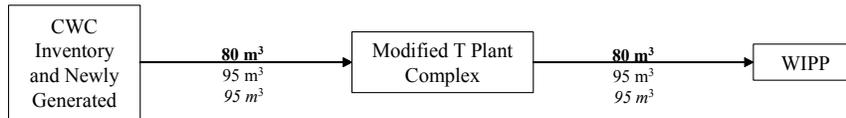


	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Total Processed:	23 m <sup>3</sup>	23 m <sup>3</sup>	23 m <sup>3</sup>
Total Disposal:	46 m <sup>3</sup>	46 m <sup>3</sup>	46 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a13  
 HSW EIS 02-24-03

1

**Alternative Groups D & E**  
**Stream 8**  
**TRU - Commingled PCB Waste**



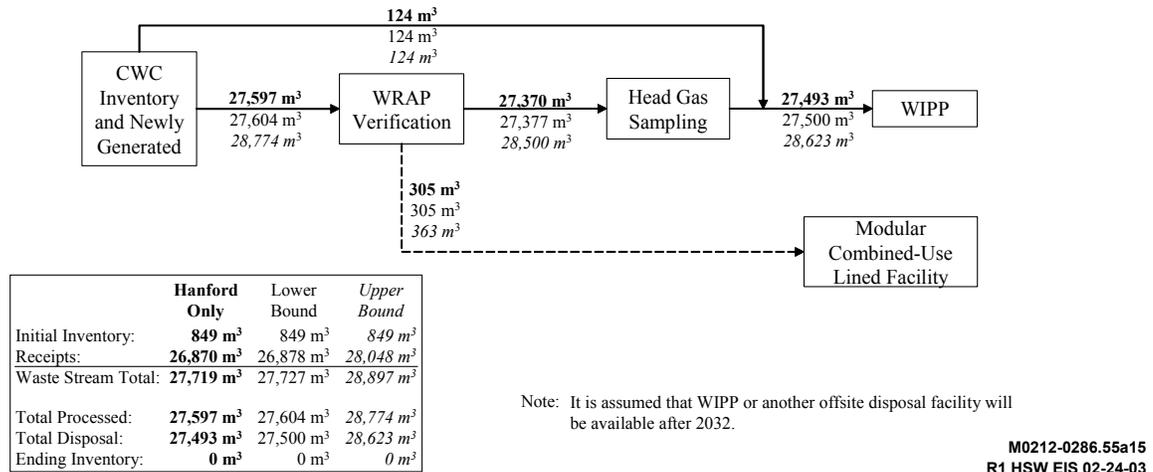
	<b>Hanford Only</b>	Lower Bound	Upper Bound
Initial Inventory:	80 m <sup>3</sup>	80 m <sup>3</sup>	80 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	15 m <sup>3</sup>	15 m <sup>3</sup>
Waste Stream Total:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Total Processed:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Total Disposal:	80 m <sup>3</sup>	95 m <sup>3</sup>	95 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a14  
 HSW EIS 02-24-03

2

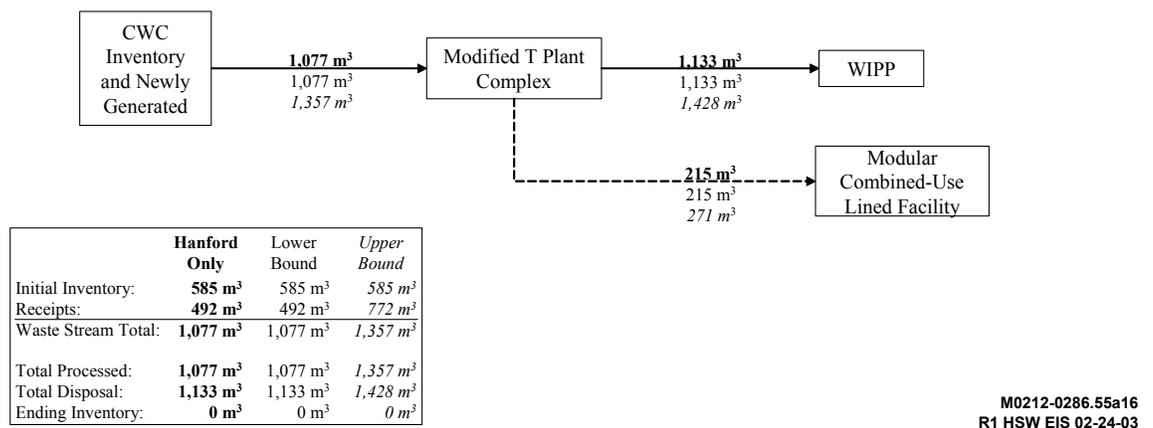
\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Groups D & E**  
**Stream 9**  
**TRU – Newly Generated and Existing CH Standard Containers**



1

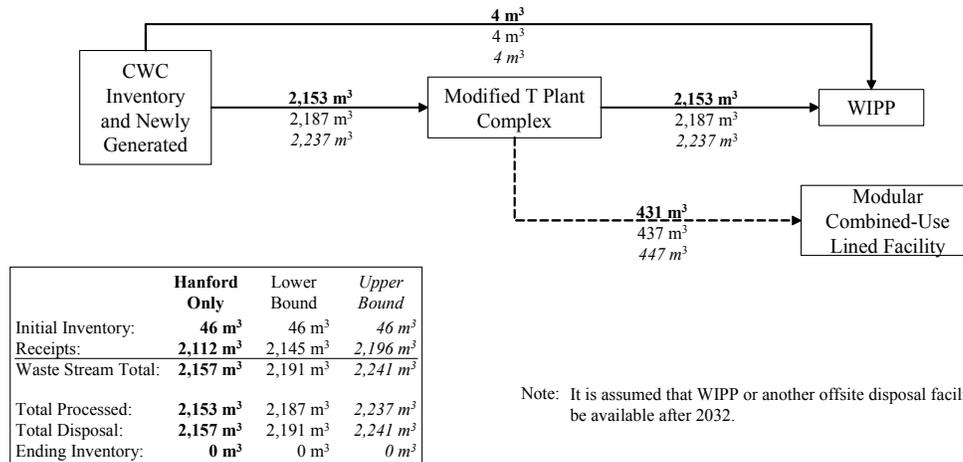
**Alternative Groups D & E**  
**Stream 10A**  
**TRU – Newly Generated and Existing CH Non-Standard Containers**



2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

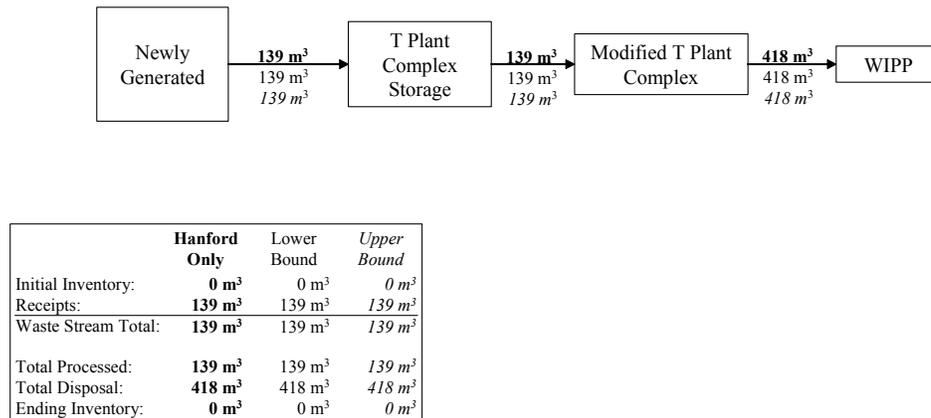
**Alternative Groups D & E**  
**Stream 10B**  
**TRU – Newly Generated and Existing RH Waste**



M0212-0286.55a17  
R1 HSW EIS 02-24-03

1

**Alternative Groups D & E**  
**Stream 17**  
**TRU – K Basins Sludge**

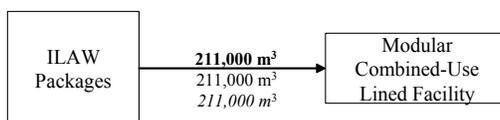


M0212-0286.55a18  
HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**Alternative Groups D & E**  
**Stream 21**  
**WTP Wastes – ILAW Packages**

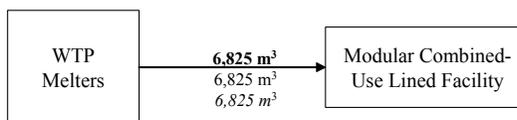


	<b>Hanford Only</b>	Lower Bound	<i>Upper Bound</i>
Initial Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	<b>211,000 m<sup>3</sup></b>	211,000 m <sup>3</sup>	<i>211,000 m<sup>3</sup></i>
Waste Stream Total:	<b>211,000 m<sup>3</sup></b>	211,000 m <sup>3</sup>	<i>211,000 m<sup>3</sup></i>
Total Processed:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>211,000 m<sup>3</sup></b>	211,000 m <sup>3</sup>	<i>211,000 m<sup>3</sup></i>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a19  
R1 HSW EIS 02-24-03

1

**Alternative Groups D & E**  
**Stream 22**  
**WTP Wastes – WTP Melters**



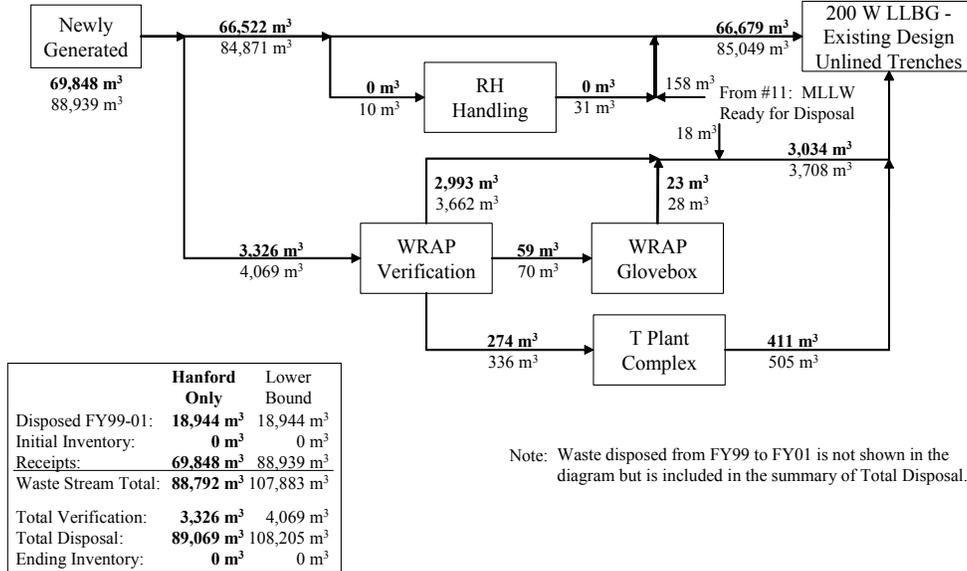
	<b>Hanford Only</b>	Lower Bound	<i>Upper Bound</i>
Initial Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	<b>6,825 m<sup>3</sup></b>	6,825 m <sup>3</sup>	<i>6,825 m<sup>3</sup></i>
Waste Stream Total:	<b>6,825 m<sup>3</sup></b>	6,825 m <sup>3</sup>	<i>6,825 m<sup>3</sup></i>
Total Processed:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	<b>6,825 m<sup>3</sup></b>	6,825 m <sup>3</sup>	<i>6,825 m<sup>3</sup></i>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a20  
R1 HSW EIS 02-24-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**No Action Alternative Group**  
**Stream 1**  
**LLW Category 1**

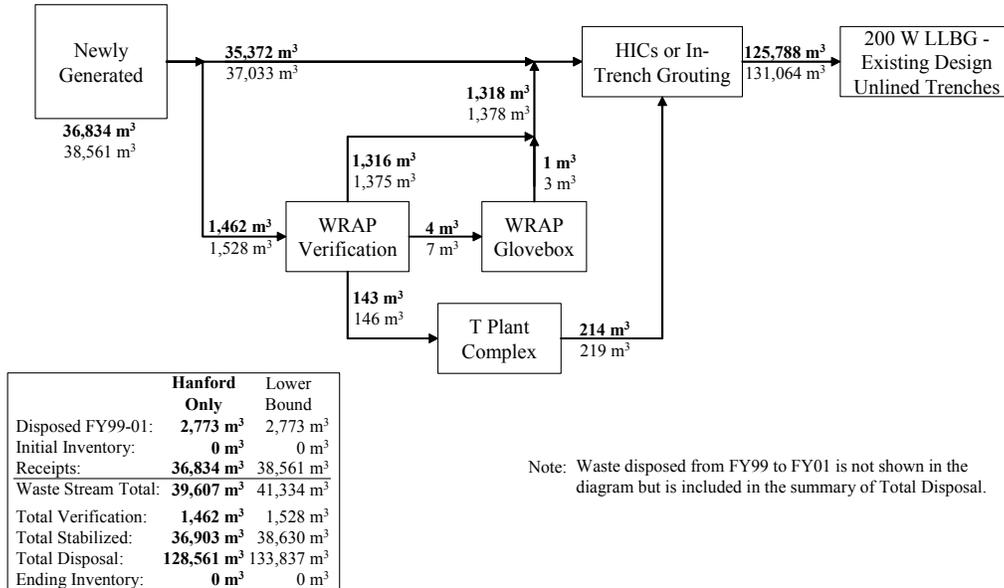


Note: Waste disposed from FY99 to FY01 is not shown in the diagram but is included in the summary of Total Disposal.

M0212-0286.55a21  
 HSW EIS 02-24-03

1

**No Action Alternative Group**  
**Stream 2**  
**LLW Category 3**



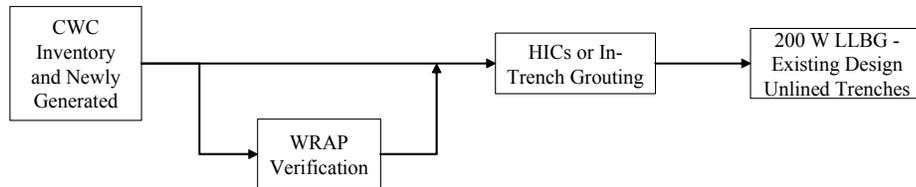
Note: Waste disposed from FY99 to FY01 is not shown in the diagram but is included in the summary of Total Disposal.

M0212-0286.55a22  
 HSW EIS 02-24-03

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

2

**No Action Alternative Group**  
**Stream 3**  
**Greater Than Category 3 Waste**

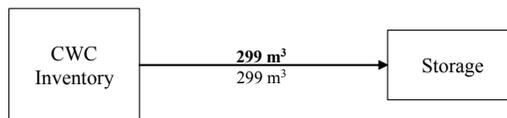


	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Total Stabilized:	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Total Disposal:	<1 m <sup>3</sup>	<1 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a23  
 HSW EIS 02-24-03

1

**No Action Alternative Group**  
**Stream 6**  
**LLW – Non-Conforming**



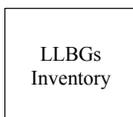
	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	299 m <sup>3</sup>	299 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	299 m <sup>3</sup>	299 m <sup>3</sup>
Total Treatment:	299 m <sup>3</sup>	299 m <sup>3</sup>
Total Disposal:	0 m <sup>3</sup>	0 m <sup>3</sup>
Ending Inventory:	299 m <sup>3</sup>	299 m <sup>3</sup>

M0212-0286.55a24  
 R1 HSW EIS 03-27-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**No Action Alternative Group**  
**Stream 20**  
**LLW – Previously Disposed of**

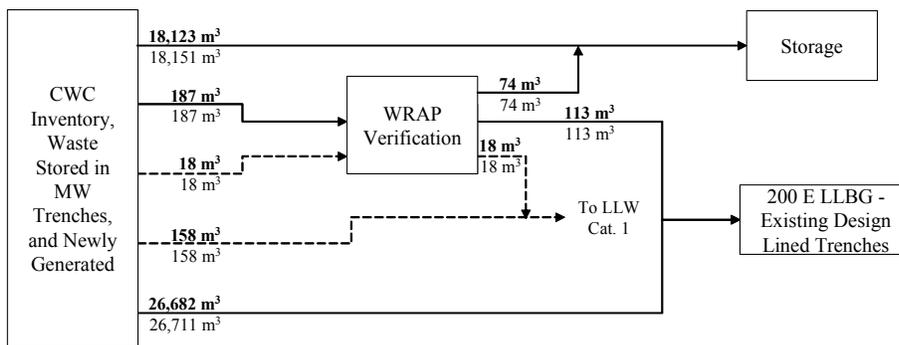


	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>
Receipts:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>
Waste Stream Total:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>
Total Disposal:	<b>283,067 m<sup>3</sup></b>	283,067 m <sup>3</sup>
Ending Inventory:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>

M0212-0286.55a25  
 HSW EIS 02-24-03

1

**No Action Alternative Group**  
**Stream 11**  
**MLLW Treated and Ready for Disposal**



M0212-0286.55a26  
 R1 HSW EIS 03-27-03

	<b>Hanford Only</b>	Lower Bound
Disposed FY99-01:	<b>1,010 m<sup>3</sup></b>	1,010 m <sup>3</sup>
Initial Inventory:	<b>1,102 m<sup>3</sup></b>	1,102 m <sup>3</sup>
Receipts:	<b>25,942 m<sup>3</sup></b>	25,970 m <sup>3</sup>
Waste Stream Total:	<b>28,054 m<sup>3</sup></b>	28,082 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>
Total Disposal:	<b>9,683 m<sup>3</sup></b>	9,683 m <sup>3</sup>
Ending Inventory:	<b>18,196 m<sup>3</sup></b>	18,225 m <sup>3</sup>

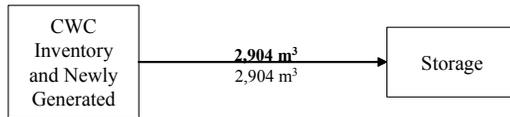
Notes: Dashed lines represent waste managed as MLLW expected to be reclassified as LLW.

Waste disposed from FY99 to FY01 is not shown in the diagram but is included in the summary of Total Disposal.

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**No Action Alternative Group**  
**Stream 12**  
**RH and Non-Standard Packages**

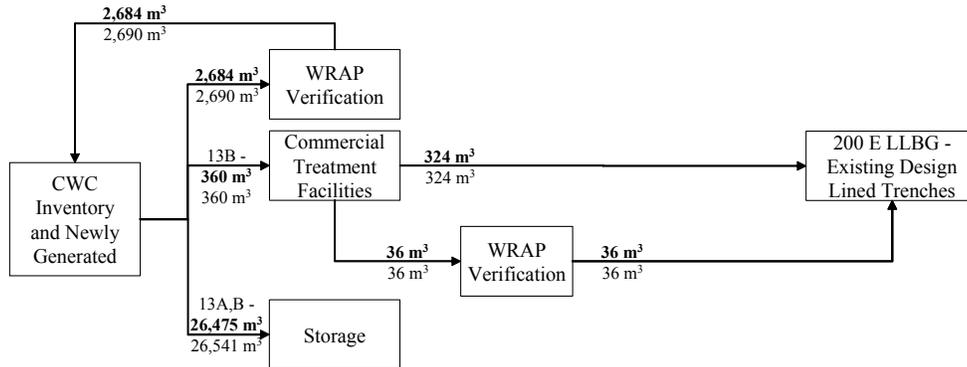


	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	65 m <sup>3</sup>	65 m <sup>3</sup>
Receipts:	2,839 m <sup>3</sup>	2,839 m <sup>3</sup>
Waste Stream Total:	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>
Total Treatment:	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	0 m <sup>3</sup>	0 m <sup>3</sup>
Ending Inventory:	2,904 m <sup>3</sup>	2,904 m <sup>3</sup>

M0212-0286.55a27  
 R1 HSW EIS 03-27-03

1

**No Action Alternative Group**  
**Stream 13A – CH Inorganic Solids and Debris**  
**Stream 13B – CH Organic Solids and Debris**



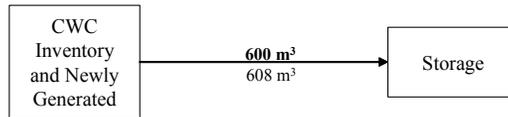
	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	5,725 m <sup>3</sup>	5,725 m <sup>3</sup>
Receipts:	21,110 m <sup>3</sup>	21,175 m <sup>3</sup>
Waste Stream Total:	26,835 m <sup>3</sup>	26,901 m <sup>3</sup>
Total Treatment:	360 m <sup>3</sup>	360 m <sup>3</sup>
Total Disposal:	360 m <sup>3</sup>	360 m <sup>3</sup>
Ending Inventory:	26,475 m <sup>3</sup>	26,541 m <sup>3</sup>

M0212-0286.55a28  
 R1 HSW EIS 03-27-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**No Action Alternative Group**  
**Stream 14**  
**Elemental Lead**

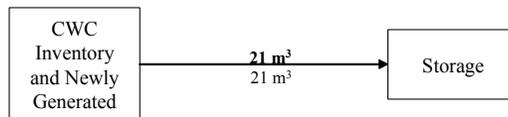


	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	<b>445 m<sup>3</sup></b>	445 m <sup>3</sup>
Receipts:	<b>155 m<sup>3</sup></b>	163 m <sup>3</sup>
Waste Stream Total:	<b>600 m<sup>3</sup></b>	608 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>
Total Disposal:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>
Ending Inventory:	<b>608 m<sup>3</sup></b>	608 m <sup>3</sup>

M0212-0286.55a29  
 R1 HSW EIS 03-27-03

1

**No Action Alternative Group**  
**Stream 15**  
**Elemental Mercury**

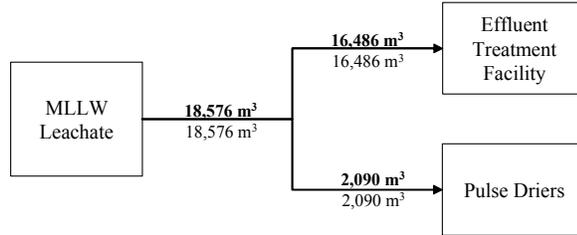


	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	<b>13 m<sup>3</sup></b>	13 m <sup>3</sup>
Receipts:	<b>8 m<sup>3</sup></b>	8 m <sup>3</sup>
Waste Stream Total:	<b>21 m<sup>3</sup></b>	21 m <sup>3</sup>
Total Treatment:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>
Total Disposal:	<b>0 m<sup>3</sup></b>	0 m <sup>3</sup>
Ending Inventory:	<b>21 m<sup>3</sup></b>	21 m <sup>3</sup>

M0212-0286.55a30  
 R1 HSW EIS 03-27-03

2

**No Action Alternative Group**  
**Stream 18**  
**MLLW Trench Leachate**

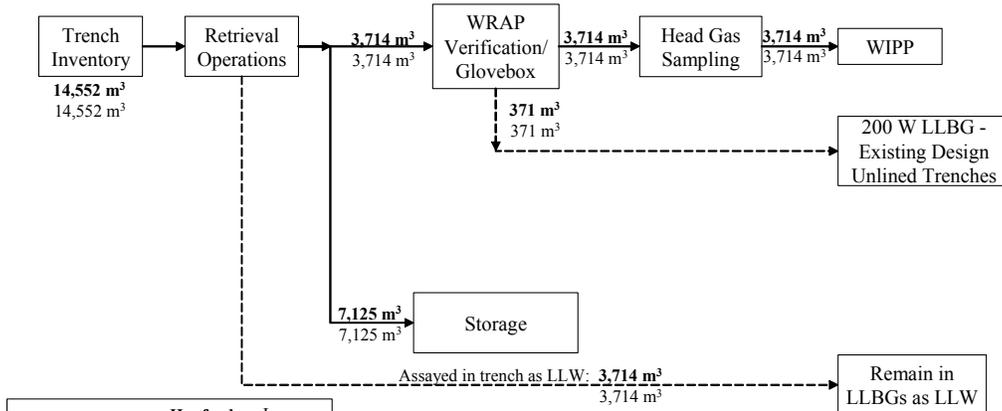


	<b>Hanford Only</b>	<b>Lower Bound</b>
Initial Inventory:	<b>0 m³</b>	0 m³
Total Generation:	<b>18,576 m³</b>	18,576 m³
Waste Stream Total:	<b>18,576 m³</b>	18,576 m³
Total Treatment/ Disposal:	<b>18,576 m³</b>	18,576 m³
Ending Inventory:	<b>0 m³</b>	0 m³

M0212-0286.55a31  
 HSW EIS 02-24-03

1

**No Action Alternative Group**  
**Stream 4**  
**TRU - Waste from Trenches**



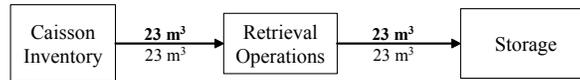
	<b>Hanford Only</b>	<b>Lower Bound</b>
Initial Inventory:	<b>14,552 m³</b>	14,552 m³
Receipts:	<b>0 m³</b>	0 m³
Waste Stream Total:	<b>14,552 m³</b>	14,552 m³
Total Processed:	<b>10,938 m³</b>	10,938 m³
Total Disposal:	<b>10,185 m³</b>	10,185 m³
Ending Inventory:	<b>0 m³</b>	0 m³

M0212-0286.55a32  
 R1 HSW EIS 03-27-03

2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**No Action Alternative Group**  
**Stream 5**  
**TRU - Waste from Caissons**

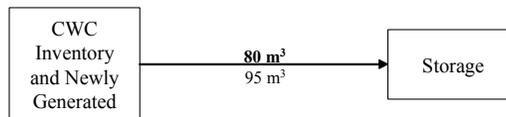


	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	23 m <sup>3</sup>	23 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	0 m <sup>3</sup>
Waste Stream Total:	23 m <sup>3</sup>	23 m <sup>3</sup>
Total Processed:	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	0 m <sup>3</sup>	0 m <sup>3</sup>
Ending Inventory:	23 m <sup>3</sup>	23 m <sup>3</sup>

M0212-0286.55a33  
 R1 HSW EIS 03-27-03

1

**No Action Alternative Group**  
**Stream 8**  
**TRU - Commingled PCB Waste**

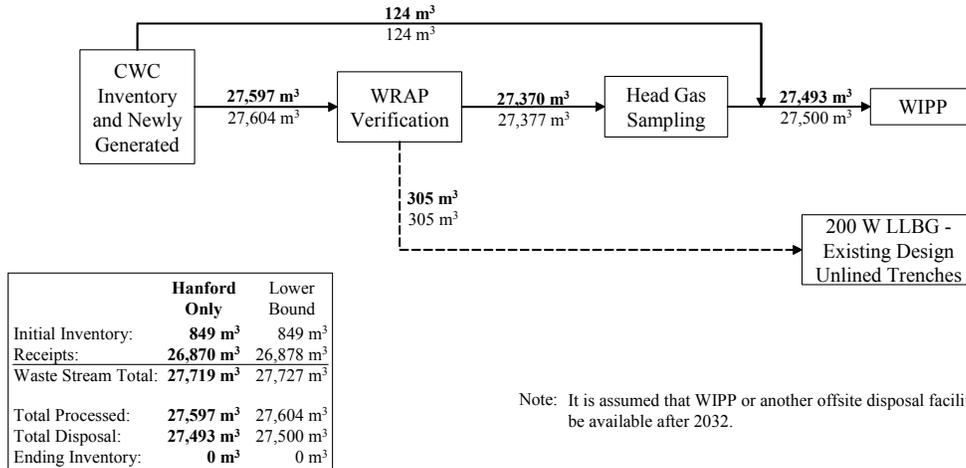


	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	80 m <sup>3</sup>	80 m <sup>3</sup>
Receipts:	0 m <sup>3</sup>	15 m <sup>3</sup>
Waste Stream Total:	80 m <sup>3</sup>	95 m <sup>3</sup>
Total Processed:	80 m <sup>3</sup>	95 m <sup>3</sup>
Total Disposal:	80 m <sup>3</sup>	95 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a34  
 R1 HSW EIS 03-27-03

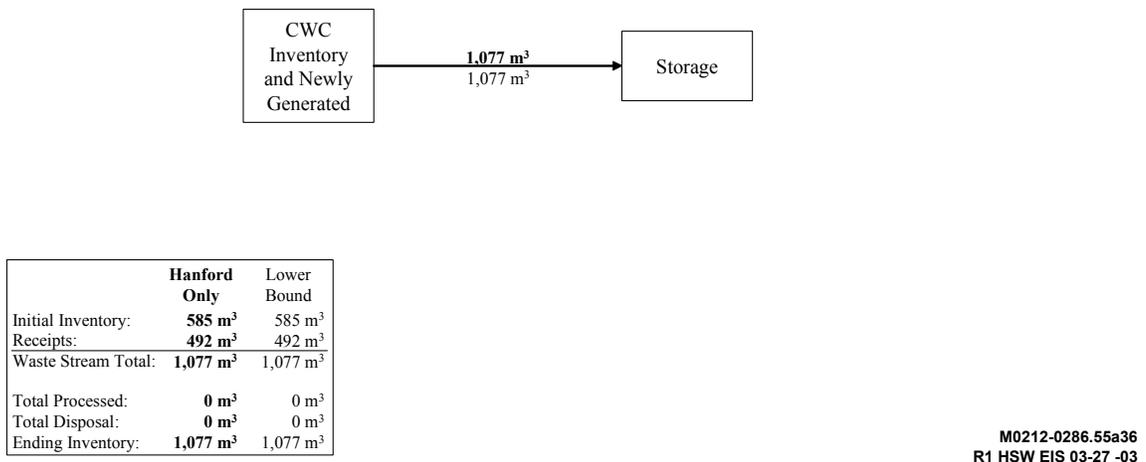
2

**No Action Alternative Group  
Stream 9  
TRU – Newly Generated and Existing CH Standard  
Containers**



1

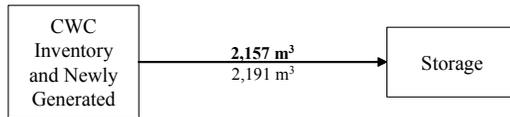
**No Action Alternative Group  
Stream 10A  
TRU – Newly Generated and Existing CH Non-  
Standard Containers**



2

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.

**No Action Alternative Group**  
**Stream 10B**  
**TRU – Newly Generated and Existing RH Waste**

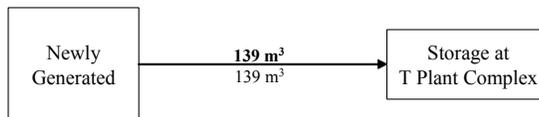


	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	46 m <sup>3</sup>	46 m <sup>3</sup>
Receipts:	2,112 m <sup>3</sup>	2,145 m <sup>3</sup>
Waste Stream Total:	2,157 m <sup>3</sup>	2,191 m <sup>3</sup>
Total Processed:	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	0 m <sup>3</sup>	0 m <sup>3</sup>
Ending Inventory:	2,157 m <sup>3</sup>	2,191 m <sup>3</sup>

M0212-0286.55a37  
 R1 HSW EIS 03-27-03

1

**No Action Alternative Group**  
**Stream 17**  
**TRU – K Basins Sludge**

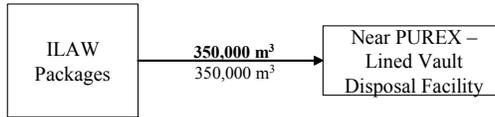


	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	139 m <sup>3</sup>	139 m <sup>3</sup>
Waste Stream Total:	139 m <sup>3</sup>	139 m <sup>3</sup>
Total Processed:	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	0 m <sup>3</sup>	0 m <sup>3</sup>
Ending Inventory:	139 m <sup>3</sup>	139 m <sup>3</sup>

M0212-0286.55a38  
 R1 HSW EIS 03-27-03

2

**No Action Alternative Group**  
**Stream 21**  
**WTP Wastes – ILAW Packages**

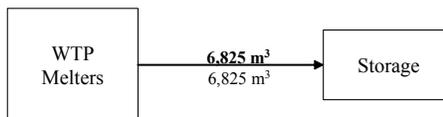


	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	350,000 m <sup>3</sup>	350,000 m <sup>3</sup>
Waste Stream Total:	350,000 m <sup>3</sup>	350,000 m <sup>3</sup>
Total Processed:	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	350,000 m <sup>3</sup>	350,000 m <sup>3</sup>
Ending Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>

M0212-0286.55a39  
R1 HSW EIS 02-24-03

1

**No Action Alternative Group**  
**Stream 22**  
**WTP Wastes –WTP Melters**



	<b>Hanford Only</b>	Lower Bound
Initial Inventory:	0 m <sup>3</sup>	0 m <sup>3</sup>
Receipts:	6,825 m <sup>3</sup>	6,825 m <sup>3</sup>
Waste Stream Total:	6,825 m <sup>3</sup>	6,825 m <sup>3</sup>
Total Processed:	0 m <sup>3</sup>	0 m <sup>3</sup>
Total Disposal:	0 m <sup>3</sup>	0 m <sup>3</sup>
Ending Inventory:	6,825 m <sup>3</sup>	6,825 m <sup>3</sup>

M0212-0286.55a40  
R2 HSW EIS 03-27-03

2  
3

\*For definitions of acronyms, abbreviations, and terms, see list at the beginning of these flow diagrams.