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Date: May 2003	Copy No.: 08
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	Title: HANFORD FACILITY DANGEROUS WASTE PART A PERMIT APPLICATION
MSIN: H6-08	Revision Release No.: Revision 35

Section Number and Title	Remove			Insert		
	Page(s)	Rev.	Date	Page(s)	Rev.	Date
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4.2.1.11 PUREX Plant	1	10	06/02/2002	1 of 22	10	06/02/2002 **Approved 07/24/02**
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4.2.2.8 Single Shell Tank System	All	7	10/29/2001	1-89	8	01/16/2003 **Pending Approval**
4.2.2.11 241-CX Tank System	1	4	07/01/2002	1 of 13	4	07/01/2002 **Approved 07/24/02**
4.2.3.1 Low-Level Burial Grounds	1	12	07/01/2002	1 of 40	12	07/01/2002 **Approved 08/01/02**
4.2.3.2 216-S-10 Pond and Ditch	1	4	07/01/2002	1 of 9	4	07/01/2002 **Approved 07/24/02**
4.2.3.4 216-A-29 Ditch	1	4	07/01/2002	1 of 8	4	07/01/2002 **Approved 07/24/02**
4.2.3.5 216-B-3 Main Pond	1	7	07/01/2002	1 of 8	7	07/01/2002 **Approved 07/24/02**
4.2.3.6 216-B-63 Trench	1	6	07/01/2002	1 of 8	6	07/01/2002 **Approved 07/24/02**
4.2.3.7 216-A-10 Crib	1	4	07/01/2002	1 of 10	4	07/01/2002 **Approved 07/24/02**
4.2.3.8 216-U-12 Crib	1	4	07/01/2002	1 of 9	4	07/01/2002 **Approved 07/24/02**
4.2.3.9 216-A-36B Crib	1	2	07/01/2002	1 of 10	2	07/01/2002 **Approved 07/24/02**
4.2.3.10 216-A-37-1 Crib	1	3	07/01/2002	1 of 8	3	07/01/2002 **Approved 07/24/02**
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Dangerous Waste Permit Application
88-21 Part A

DOE/RL-88-21
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HANFORD FACILITY DANGEROUS WASTE PART A PERMIT APPLICATION

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CLOSED 08/09/99

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W	**4.2.1.6**	T Plant Complex	9	09/03/2002	10/02/02
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W	**4.2.1.14**	Waste Receiving and Processing Facility	3	06/28/1999	Pending
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	4.2.1.15	Plutonium Finishing Plant Treatment and Storage Unit	2	07/05/2000	Denied
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	4.2.2.2	Double-Shell Tank System	10	12/21/1999	01/12/00
W	**4.2.2.3**	Hexone Storage and Treatment Facility	4	07/01/2002	07/24/02
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W	4.2.2.8	Single-Shell Tank System	8	01/16/2003	Pending
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W	4.2.3.6	216-B-63 Trench	6	07/01/2002	07/24/02
W	4.2.3.7	216-A-10 Crib	4	07/01/2002	07/24/02
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W	4.2.3.9	216-A-36B Crib	2	07/01/2002	07/24/02
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	4.3.1.2	324 Pilot Plant CLOSED 06/09/97	3	05/19/1988	06/09/97
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	4.3.1.4	300 Area Solvent Evaporator CLEAN CLOSED, 07/31/95	4	03/27/1990	07/31/95
W	4.3.1.5	300 Area Waste Acid Treatment System PARTIAL CLOSURE PLAN COMPLETED, 12/03/01	5A	03/31/2002	05/20/02
	4.3.1.6	303-M Oxide Facility	1	09/26/1996	Pending
	4.3.1.7	325 Hazardous Waste Treatment Units	4A	06/29/2000	08/18/00
W	4.3.1.7	325 Hazardous Waste Treatment	4B	03/31/2002	05/07/02

		Units			
	4.3.1.8	Biological Treatment Test Facilities CLOSED 12/10/96	0	05/19/1988	12/10/96
	4.3.1.9	Physical and Chemical Treatment Test Facilities CLOSED 05/13/96	1	08/13/1991	05/13/96
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W	**4.3.2.2**	303-K Storage Facility CLOSED 07/22/02	5A	09/26/1996	07/22/02
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W	**4.3.2.3**	305-B Storage Facility	1C	09/30/2002	Pending
	4.3.2.4	332 Storage Facility CLOSED 04/21/97	0	05/19/1988	04/21/97
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W	**4.3.3.1**	300 Area Process Trenches	5	07/01/2002	08/26/02
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4.4.2	Storage Facilities				
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	4.4.2.2	Sodium Storage Facility and Sodium Reaction Facility	1	09/26/1996	Pending
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4.5.1	Treatment Facilities				
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4.5.2	Storage Facilities				
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W	**4.5.2.2**	600 Area Purgewater Storage and Treatment Facility	5	07/01/2002	09/10/02

4.5.3 Disposal Facilities

W	**4.5.3.1**	Nonradioactive Dangerous Waste Landfill	5	07/01/2002 07/24/02

4.6 3000 AREA FACILITIES

4.6.1 Treatment Facilities

	4.6.1.1	Simulated High-Level Waste Slurry Treatment /Storage CLEAN CLOSED, 09/06/95	2	08/12/1994 09/06/95

W Download - Blank Part A, Form 3 (Word 2000 format)

Archived revisions of the past.

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FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/State I.D. No.
		W A 7 8 9 0 0 0 8 9 6 7

FOR OFFICIAL USE ONLY

Application Approved	Date Received (month/ day / year)	Comments

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or If this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.

A. First Application (place an "X" below and provide the appropriate date)

☐ **1. Existing Facility** (See instructions for definition of "existing" facility. Complete item below.)

MO	DAY	YEAR
03	22	1943

*For existing facilities, provide the date (mo/day/yr) operation began or the date construction commenced. (use the boxes to the left)

*The date construction of the Hanford Facility commenced

☐ **2. New Facility** (Complete item below.)

MO	DAY	YEAR

For new facilities, provide the date (mo/day/yr) operation began or is expected to begin

B. Revised Application (Place an "X" below and complete Section I above)

☒ **1. *Facility has an Interim Status Permit***

☒ **2. *Facility has a Final Permit***

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. Process Code – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the codes(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the (Section III-C).

B. Process Design Capacity – For each code entered in column A enter the capacity of the process.

1. Amount – Enter the amount.
2. Unit of Measure – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. *Only the units of measure that are listed below should be used.*

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
STORAGE:		
Container (barrel, drum, etc.)	S01	Gallons or liters
Tank	S02	Gallons or liters
Waste pile	S03	Cubic yards or cubic meters
Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
Land application	D82	Acres or hectares
Ocean disposal	D83	Gallons per day or liters per day
Surface impoundment	D84	Gallons or liters
TREATMENT:		
Tank	T01	Gallons per day or liters per day
Surface impoundment	T02	Gallons per day or liters per day
Incinerator	T03	Tons per hour or metric tons per hour; gallons per hour or liters per hour
Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Liters Per Day	V	Acre-Feet	A
Liters	L	Tons Per Hour	D	Hectare-Meter	F
Cubic Yards	Y	Metric Tons Per Hour	W	Acres	B
Cubic Meters	C	Gallons Per Hour	E	Hectares	Q
Gallons Per Day	U	Liters Per Hour	H		

*Add per request of Washington State Department of Ecology (01/2001)

III. PROCESS – CODES AND DESIGN CAPACITIES (continued)

Example for Completing Section III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks; one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line No.	A. Process Code *(from list above)*			B. Process Design Capacity				For Official Use Only			
				1. Amount *(Specify)*		2. Unit of Measure *(enter code)*					
X-1	*S*	*0*	*2*	*600*		*G*					
X-2	*T*	*0*	*3*	*20*		*E*					
1	S	0	2	2,445		L					
2	T	0	4	5,678		V					
3											
4											
5											
6											
7											
8											
9											
10											

C. Space for additional process codes or for describing other process (code "T04"). For each process entered here include design capacity.

S02, T04

The 1706-KE Waste Treatment System (1706-KE WTS) intended to begin waste management operations in July 1986. The unit was intended to treat mixed waste generated in the laboratories of the 1706-KE Building. The 1706-KE WTS consisted of a 2,082-liter (550-gallon) waste accumulation tank, a 0.14-cubic meter (5-cubic foot) mixed-bed resin ion exchange column, a 114-liter (30-gallon) evaporator unit, and a 363-liter (96-gallon) condensate collection tank.

Waste generated in the 1706-KE Building was to have been transferred from the waste accumulation tank to the ion exchange column and then continuously recirculated to remove the ionic constituents from the waste stream. The waste would then have been transferred to the evaporator unit. The evaporator unit would have heated and boiled the liquid waste to steam. The steam would have been condensed and collected in the 363-liter (96-gallon) condensate collection tank with the exhaust from the evaporation unit being passed through a HEPA filter prior to discharge.

The 1706-KE WTS has not been operated since 1987. All waste, with the possible exception of a heel in the waste accumulation tank, was removed in March 1994.

Closure of the 1706-KE WTS will be integrated with the CERCLA Remedial Action for the 100 Area Remaining Sites Record of Decision and a separate closure plan will not be required.

IV. DESCRIPTION OF DANGEROUS WASTES

A. Dangerous Waste Number – Enter the digit number from Chapter 173-303 WAC for each listed dangerous waste you will handle. If you handle dangerous wastes which are not listed in Chapter 173-303 WAC, enter the four-digit number(s) that describes the characteristics and/or the toxic contaminants of those dangerous wastes.

B. Estimated Annual Quantity - For each listed waste entered in column A, estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A, estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. Unit of Measure - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate odes are:

ENGLISH UNIT OF MEASURE	*CODE*	*METRIC UNIT OF MEASURE*	*CODE*
Pounds	P	Kilograms	K
Tons	T	Metric Tons	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. Processes

1. Process Codes:

   For listed dangerous waste: For each listed dangerous waste entered in column A select the code(s) from the list of process codes contained in Section III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

   For non-listed dangerous wastes: For each characteristic or toxic contaminant entered in Column A, select the code(s) from the list of process codes contained in Section III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed dangerous wastes that possess that characteristic or toxic contaminant.

   Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. Process Description: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

   NOTE: DANGEROUS WASTES DESCRIBED BY MORE THAN ONE DANGEROUS WASTE NUMBER - Dangerous wastes that can be described by more than one Waste Number shall be described on the form as follows:

   1. Select one of the Dangerous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
   2. In column A of the next line enter the other Dangerous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
   3. Repeat step 2 for each other Dangerous Waste Number that can be used to describe the dangerous waste.

   Example for completing Section IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste.

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes				
									1. Process Codes *(enter)*				2. Process Description *(if a code is not entered in D(1))*
X-1	*K*	*0*	*5*	*4*	*900*		*P*		*T03*	*D80*			
X-2	*D*	*0*	*0*	*2*	*400*		*P*		*T03*	*D80*			
X-3	*D*	*0*	*0*	*1*	*100*		*P*		*T03*	*D80*			
X-4	*D*	*0*	*0*	*2*					*T03*	*D80*			*Included with above*

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*											
W	A	7	8	9	0	0	0	8	9	6	7

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes				
									1. Process Codes *(enter)*				2. Process Description *(if a code is not entered in D(1))*
1	D	0	0	2	6,804		K		S02	T04			Storage-Tank/Treatment-Tank
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
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42													

IV. DESCRIPTION OF DANGEROUS WASTE (continued)

E. Use this space to list additional process codes from Section D(1) on page 3.

The 1706-KE Building was intended to treat a wide variety of laboratory waste. The majority of this waste was expected to be acidic or caustic solutions (D002, characteristic, corrosive, dangerous waste). Approximately 6,804 kilograms (15,000 pounds) of waste could have been treated in the 1706-KE WTS per year.

V. FACILITY DRAWING Refer to attached drawing(s).

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS Refer to attached photograph(s).

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION This information is provided on the attached drawings and photos.

LATITUDE *(degrees, minutes, & seconds)*	LONGITUDE *(degrees, minutes, & seconds)*

VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VII on Form 1, "General Information," place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VII on Form 1, complete the following items:

1. Name of Facility's Legal Owner	2. Phone Number *(area code & no.)*

3. Street or P.O. Box	4. City or Town	5. St.	6. Zip Code

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name *(print or type)*	Signature	Date Signed
Keith A. Klein, Manager U.S. Department of Energy, Richland Operations Office		10/10/02

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name *(Print Or Type)*	Signature	Date Signed
See attachment		

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

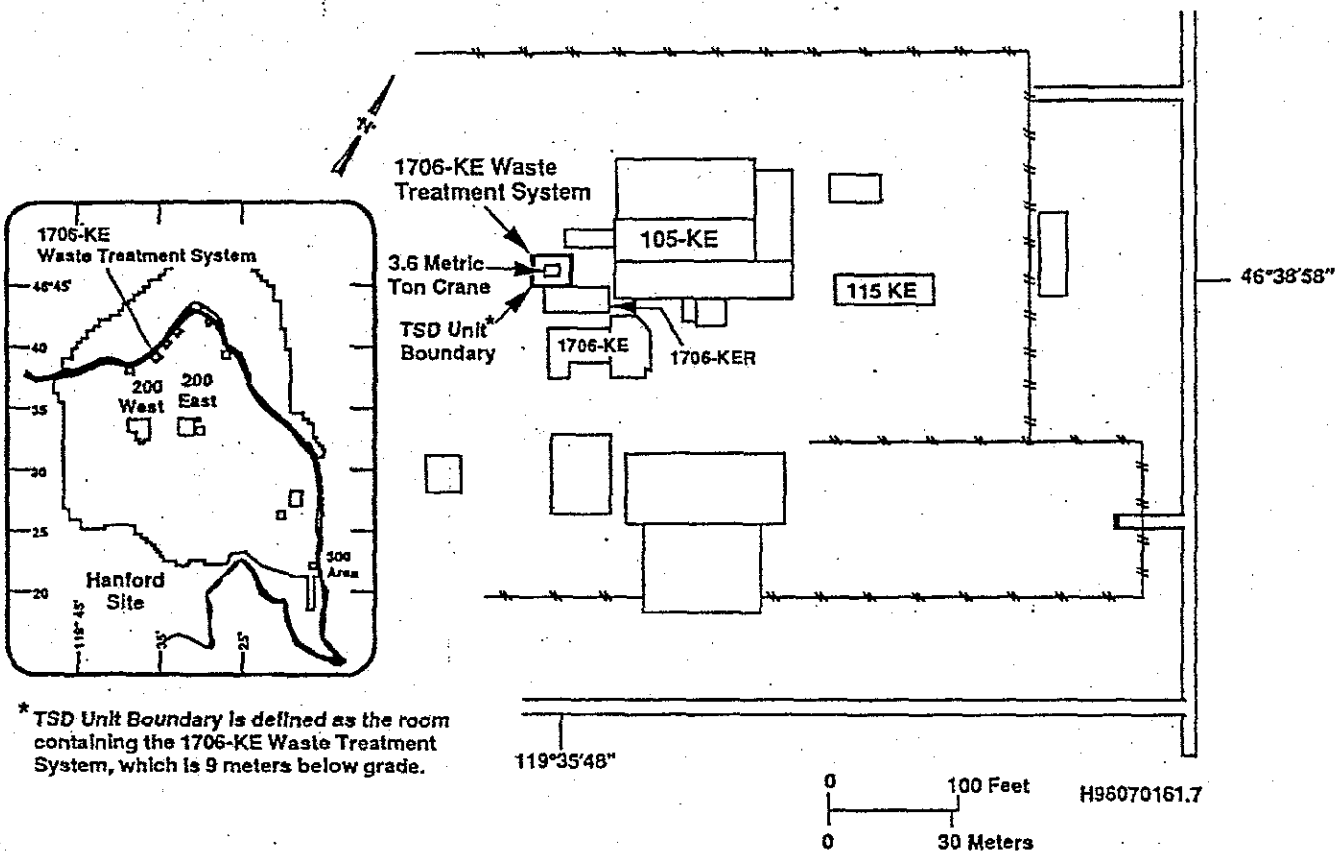
Owner/Operator
Keith A. Klein, Manager
U.S. Department of Energy,
Richland Operations Office

Date: 10/10/02

Co-operator /FOR
E. Keith Thomson
President and Chief Executive Officer
Fluor Hanford

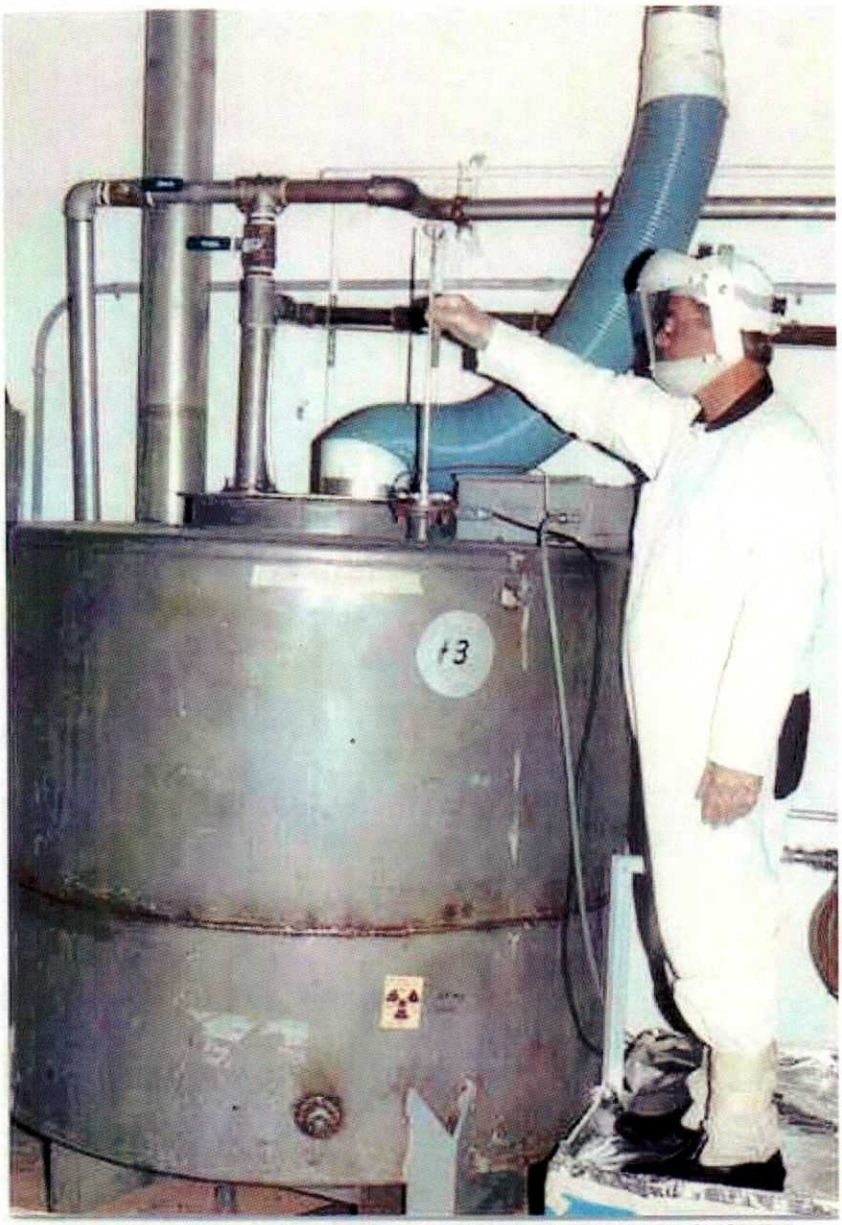
Date: 9-5-02

1706-KE Waste Treatment System



*TSD Unit Boundary is defined as the room containing the 1706-KE Waste Treatment System, which is 9 meters below grade.

1706-KE WASTE TREATMENT SYSTEM

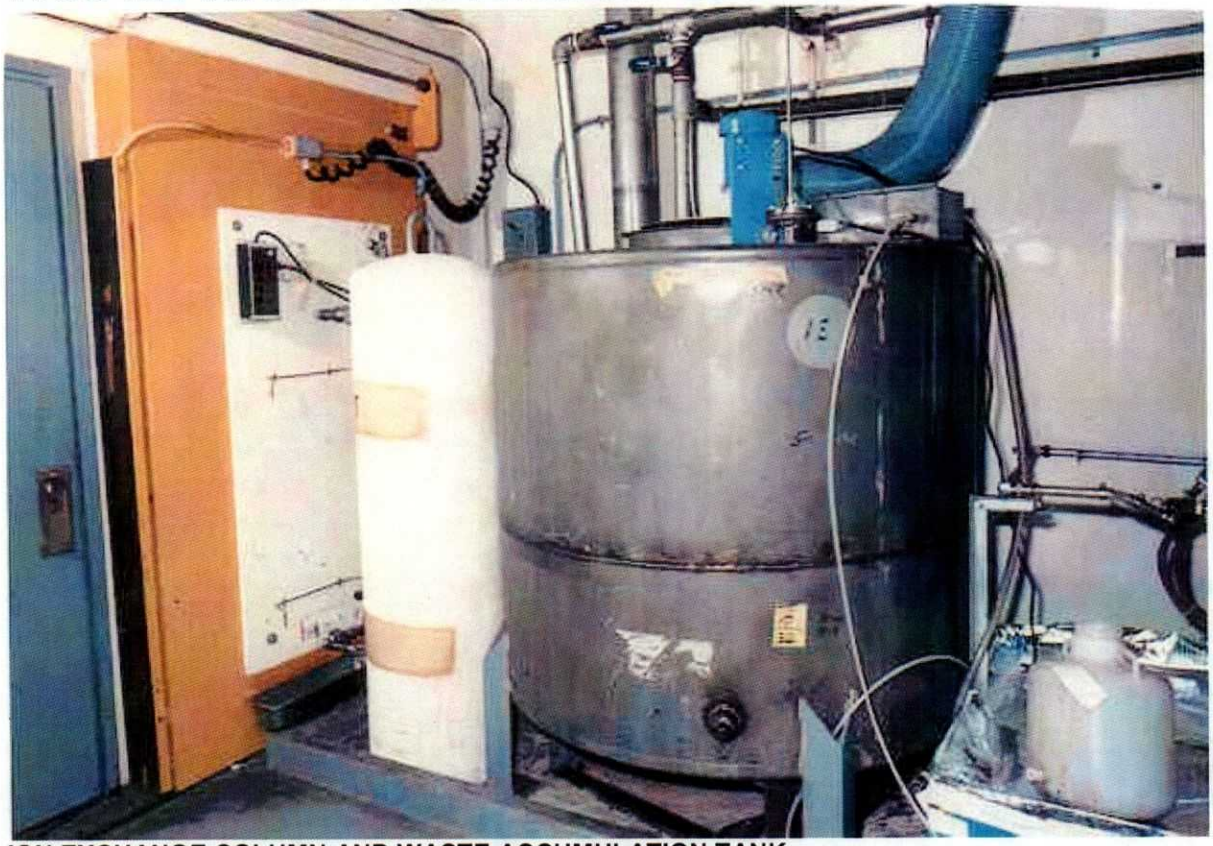


WASTE STORAGE TANK WITH HEPA VACUUM FILTER SYSTEM INCLUDING WASTE FEED SHUTOFF

46°38'58"
119°35'48"

132285-1CN
(PHOTO TAKEN 1987)

1706-KE WASTE TREATMENT SYSTEM

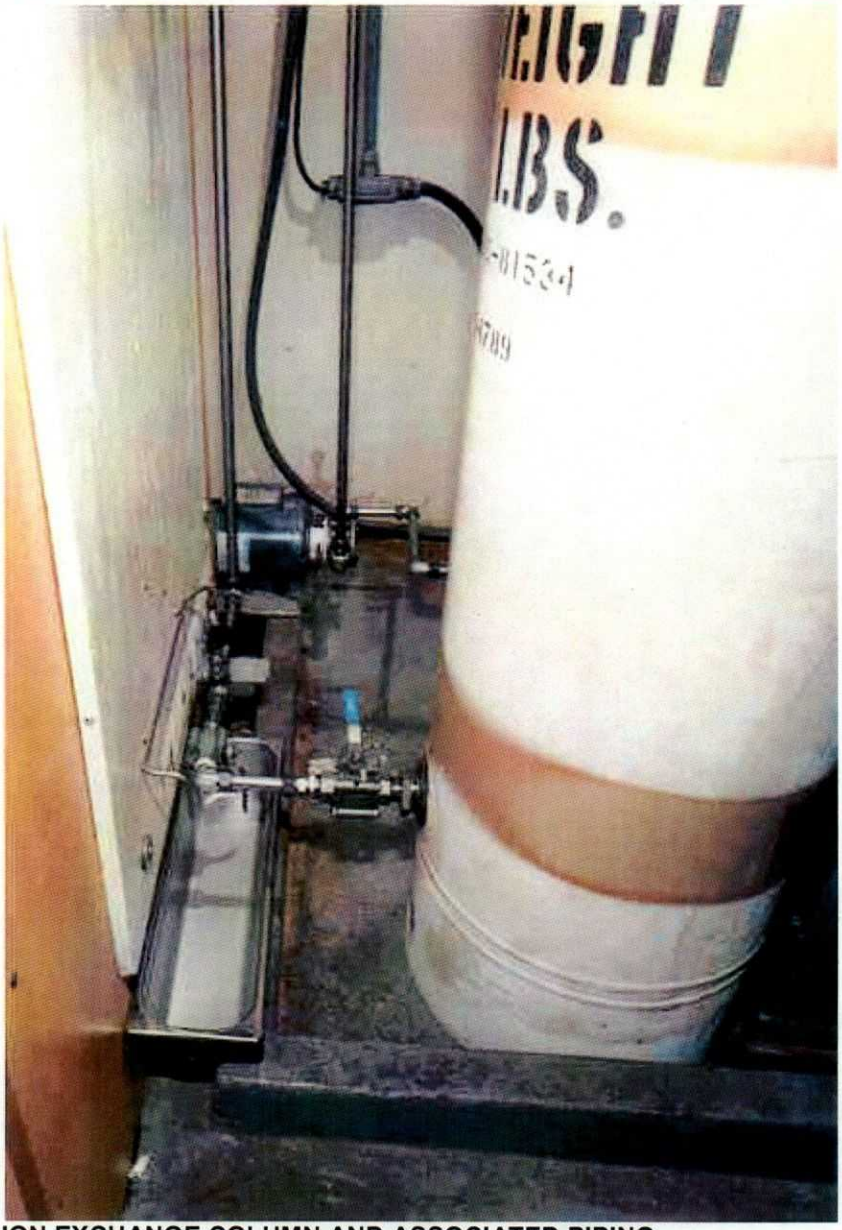


ION EXCHANGE COLUMN AND WASTE ACCUMULATION TANK

46°38'58"
119°35'48"

8700734-1CN
(PHOTO TAKEN 1987)

1706-KE WASTE TREATMENT SYSTEM

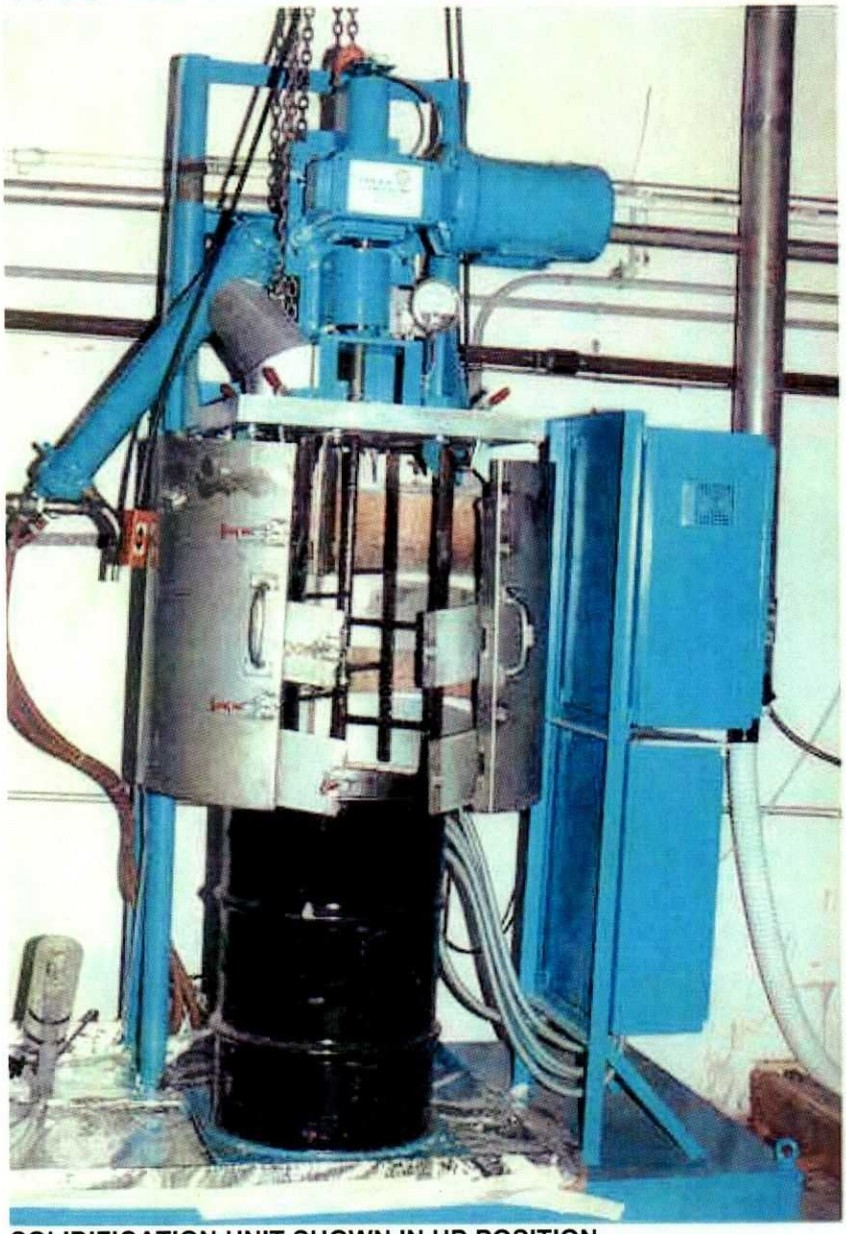


ION EXCHANGE COLUMN AND ASSOCIATED PIPING

46°38'58"
119°35'48"

8700734-3CN
(PHOTO TAKEN 1987)

1706-KE WASTE TREATMENT SYSTEM

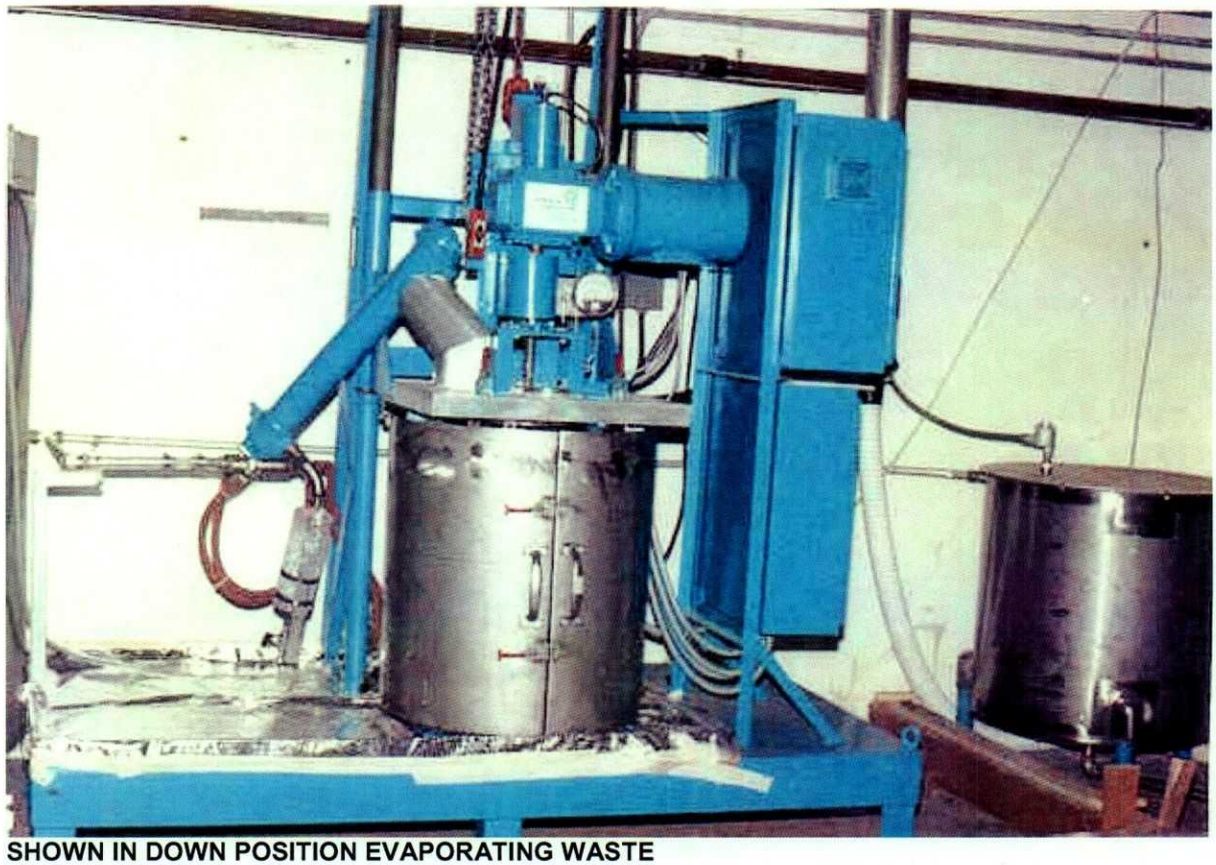


SOLIDIFICATION UNIT SHOWN IN UP POSITION

46°38'58"
119°35'48"

132285-6CN
(PHOTO TAKEN 1986)

1706-KE WASTE TREATMENT SYSTEM



SHOWN IN DOWN POSITION EVAPORATING WASTE

46°38'58"
119°35'48"

8700734-8CN
(PHOTO TAKEN 1987)

1706-KE WASTE TREATMENT SYSTEM

SYSTEM CONTROL PANEL

46°38'58"
119°35'48"

132285-2CN
(PHOTO TAKEN 1986)

1706-KE WASTE TREATMENT SYSTEM

CONDENSATE TANK

46°38'58"
119°35'48"

132285-3CN
(PHOTO TAKEN 1986)

1706-KE WASTE TREATMENT SYSTEM

EXHAUST FILTER SYSTEM

46°38'58"
119°35'48"

8700734-6CN
(PHOTO TAKEN 1987)

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/State I.D. No.
		W A 7 8 9 0 0 0 8 9 6 7

FOR OFFICIAL USE ONLY

Application Approved	Date Received (month/ day / year)	Comments
		Approved 07/24/02

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or If this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.

A. First Application (place an "X" below and provide the appropriate date)

☐ **1. Existing Facility** (See instructions for definition of "existing" facility. Complete item below.)

MO	DAY	YEAR
03	22	1943

*For existing facilities, provide the date (mo/day/yr) operation began or the date construction commenced. (use the boxes to the left)
*The date construction of the Hanford Facility commenced

☐ **2. New Facility** (Complete item below.)

MO	DAY	YEAR

For new facilities, provide the date (mo/day/yr) operation began or is expected to begin

B. Revised Application (Place an "X" below and complete Section I above)

☒ **1. Facility has an interim Status Permit**

☒ **2. Facility has a Final Permit**

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. Process Code – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the codes(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the (Section III-C).

B. Process Design Capacity – For each code entered in column A enter the capacity of the process.

1. Amount – Enter the amount.
2. Unit of Measure – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
STORAGE:		
Container (barrel, drum, etc.)	S01	Gallons or liters
Tank	S02	Gallons or liters
Waste pile	S03	Cubic yards or cubic meters
Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
Land application	D82	Acres or hectares
Ocean disposal	D83	Gallons per day or liters per day
Surface impoundment	D84	Gallons or liters
TREATMENT:		
Tank	T01	Gallons per day or liters per day
Surface impoundment	T02	Gallons per day or liters per day
Incinerator	T03	Tons per hour or metric tons per hour; gallons per hour or liters per hour
Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Liters Per Day	V	Acre-Feet	A
Liters	L	Tons Per Hour	D	Hectare-Meter	F
Cubic Yards	Y	Metric Tons Per Hour	W	Acres	B
Cubic Meters	C	Gallons Per Hour	E	Hectares	Q
Gallons Per Day	U	Liters Per Hour	H		

*Add per request of Washington State Department of Ecology (01/2001)

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/State I.D. No.
		W A 7 8 9 0 0 0 8 9 6 7

FOR OFFICIAL USE ONLY

Application Approved	Date Received (month/ day / year)	Comments
		Approved 07/24/02

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or If this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.

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☐ **2. New Facility** (Complete item below.)

MO	DAY	YEAR

For new facilities, provide the date (mo/day/yr) operation began or is expected to begin

B. Revised Application (Place an "X" below and complete Section I above)

☒ **1. Facility has an interim Status Permit**

☒ **2. Facility has a Final Permit**

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A. Process Code – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the codes(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the (Section III-C).

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Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
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TREATMENT:		
Tank	T01	Gallons per day or liters per day
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Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Liters Per Day	V	Acre-Feet	A
Liters	L	Tons Per Hour	D	Hectare-Meter	F
Cubic Yards	Y	Metric Tons Per Hour	W	Acres	B
Cubic Meters	C	Gallons Per Hour	E	Hectares	Q
Gallons Per Day	U	Liters Per Hour	H		

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/State I.D.. No.
		W A 7 8 9 0 0 0 8 9 6 7

FOR OFFICIAL USE ONLY

Application Approved	Date Received (month/ day / year)	Comments
X	0 6 2 8 9 9	Approved 2/28/01. To be used in conjunction with Hanford Facility RCRA Permit.

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or If this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.

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Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
Land application	D82	Acres or hectares
Ocean disposal	D83	Gallons per day or liters per day
Surface impoundment	D84	Gallons or liters
TREATMENT:		
Tank	T01	Gallons per day or liters per day
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Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Liters Per Day	V	Acre-Feet	A
Liters	L	Tons Per Hour	D	Hectare-Meter	F
Cubic Yards	Y	Metric Tons Per Hour	W	Acres	B
Cubic Meters	C	Gallons Per Hour	E	Hectares	Q
Gallons Per Day	U	Liters Per Hour	H		

*Add per request of Washington State Department of Ecology (01/2001)

III. PROCESS – CODES AND DESIGN CAPACITIES (continued)

Example for Completing Section III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks; one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line No.	A. Process Code *(from list above)*			B. process Design Capacity				For Official Use Only			
				1. Amount *(Specify)*		2. Unit of Measure *(enter code)*					
X-1	*S*	*0*	*2*	*600*		*G*					
X-2	*T*	*0*	*3*	*20*		*E*					
1	T	0	4	12,900		V					
2	S	0	1	73,500		L					
3											
4											
5											
6											
7											
8											
9											
10											

C. Space for additional process codes or for describing other process (code "T04"). For each process entered here include design capacity.

T04

The Waste Receiving and Processing Facility (WRAP) commenced construction in 1994 and began waste management operations in March of 1997.

WRAP has the capability to treat waste through deactivation, solidification or absorption of liquids, neutralization of corrosives, amalgamation, microencapsulation, macroencapsulation, volume reduction of waste (e.g., supercompaction), reaction of reactive waste, and repackaging of waste.

The total process design capacity for treatment is 12,900 liters (3,408 gallons) per day.

IV. DESCRIPTION OF DANGEROUS WASTES

A. Dangerous Waste Number – Enter the digit number from Chapter 173-303 WAC for each listed dangerous waste you will handle. If you handle dangerous wastes which are not listed in Chapter 173-303 WAC, enter the four-digit number(s) that describes the characteristics and/or the toxic contaminants of those dangerous wastes.

B. Estimated Annual Quantity - For each listed waste entered in column A, estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A, estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. Unit of Measure - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate odes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
Pounds	P	Kilograms	K
Tons	T	Metric Tons	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. Processes

1. Process Codes:

   For listed dangerous waste: For each listed dangerous waste entered in column A select the code(s) from the list of process codes contained in Section III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

   For non-listed dangerous wastes: For each characteristic or toxic contaminant entered in Column A, select the code(s) from the list of process codes contained in Section III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed dangerous wastes that possess that characteristic or toxic contaminant.

   Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. Process Description: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

   NOTE: DANGEROUS WASTES DESCRIBED BY MORE THAN ONE DANGEROUS WASTE NUMBER - Dangerous wastes that can be described by more than one Waste Number shall be described on the form as follows:

   1. Select one of the Dangerous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
   2. In column A of the next line enter the other Dangerous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
   3. Repeat step 2 for each other Dangerous Waste Number that can be used to describe the dangerous waste.

   Example for completing Section IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste.

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes				
									1. Process Codes *(enter)*				2. Process Description *(if a code is not entered in D(1))*
X-1	*K*	*0*	*5*	*4*	*900*		*P*		*T03*	*D80*			
X-2	*D*	*0*	*0*	*2*	*400*		*P*		*T03*	*D80*			
X-3	*D*	*0*	*0*	*1*	*100*		*P*		*T03*	*D80*			
X-4	*D*	*0*	*0*	*2*					*T03*	*D80*			*Included with above*

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*	
W A 7 8 9 0 0 0 8 9 6 7	

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes 1. Process Codes *(enter)*				D. Processes 2. Process Description *(if a code is not entered in D(1))*
1	D	0	0	1	20,000		K		T04	S01			Treatment–Other/Storage–Container
2	D	0	0	2	15,000		K		T04	S01			Treatment–Other/Storage–Container
3	D	0	0	3	500		K		T04	S01			Treatment–Other/Storage–Container
4	D	0	0	4	50		K		T04	S01			Treatment–Other/Storage–Container
5	D	0	0	5	400		K		T04	S01			Treatment–Other/Storage–Container
6	D	0	0	6	117		K		T04	S01			Treatment–Other/Storage–Container
7	D	0	0	7	400		K		T04	S01			Treatment–Other/Storage–Container
8	D	0	0	8	400		K		T04	S01			Treatment–Other/Storage–Container
9	D	0	0	9	800		K		T04	S01			Treatment–Other/Storage–Container
10	D	0	1	0	10		K		T04	S01			Treatment–Other/Storage–Container
11	D	0	1	1	20		K		T04	S01			Treatment–Other/Storage–Container
12	D	0	1	2	300		K		T04	S01			Treatment–Other/Storage–Container
13	D	0	1	3	300		K		T04	S01			Treatment–Other/Storage–Container
14	D	0	1	4	300		K		T04	S01			Treatment–Other/Storage–Container
15	D	0	1	5	300		K		T04	S01			Treatment–Other/Storage–Container
16	D	0	1	6	300		K		T04	S01			Treatment–Other/Storage–Container
17	D	0	1	7	300		K		T04	S01			Treatment–Other/Storage–Container
18	D	0	1	8	300		K		T04	S01			Treatment–Other/Storage–Container
19	D	0	1	9	300		K		T04	S01			Treatment–Other/Storage–Container
20	D	0	2	0	300		K		T04	S01			Treatment–Other/Storage–Container
21	D	0	2	1	300		K		T04	S01			Treatment–Other/Storage–Container
22	D	0	2	2	300		K		T04	S01			Treatment–Other/Storage–Container
23	D	0	2	3	300		K		T04	S01			Treatment–Other/Storage–Container
24	D	0	2	4	300		K		T04	S01			Treatment–Other/Storage–Container
25	D	0	2	5	300		K		T04	S01			Treatment–Other/Storage–Container
26	D	0	2	6	300		K		T04	S01			Treatment–Other/Storage–Container
27	D	0	2	7	300		K		T04	S01			Treatment–Other/Storage–Container
28	D	0	2	8	300		K		T04	S01			Treatment–Other/Storage–Container
29	D	0	2	9	300		K		T04	S01			Treatment–Other/Storage–Container
30	D	0	3	0	300		K		T04	S01			Treatment–Other/Storage–Container
31	D	0	3	1	300		K		T04	S01			Treatment–Other/Storage–Container
32	D	0	3	2	300		K		T04	S01			Treatment–Other/Storage–Container
33	D	0	3	3	300		K		T04	S01			Treatment–Other/Storage–Container
34	D	0	3	4	300		K		T04	S01			Treatment–Other/Storage–Container
35	D	0	3	5	300		K		T04	S01			Treatment–Other/Storage–Container
36	D	0	3	6	300		K		T04	S01			Treatment–Other/Storage–Container
37	D	0	3	7	300		K		T04	S01			Treatment–Other/Storage–Container
38	D	0	3	8	300		K		T04	S01			Treatment–Other/Storage–Container
39	D	0	3	9	300		K		T04	S01			Treatment–Other/Storage–Container
40	D	0	4	0	300		K		T04	S01			Treatment–Other/Storage–Container
41	D	0	4	1	300		K		T04	S01			Treatment–Other/Storage–Container
42	D	0	4	2	300		K		T04	S01			Treatment–Other/Storage–Container
43	D	0	4	3	300		K		T04	S01			Treatment–Other/Storage–Container
44	W	T	0	1	16,000		K		T04	S01			Treatment–Other/Storage–Container
45	W	T	0	2	22,000		K		T04	S01			Treatment–Other/Storage–Container
46	W	P	0	1	12,000		K		T04	S01			Treatment–Other/Storage–Container

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*	
W A 7 8 9 0 0 0 8 9 6 7	

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes 1. Process Codes *(enter)*				D. Processes 2. Process Description *(if a code is not entered in D(1))*
47	W	P	0	2	3,000		K		T04	S01			Treatment–Other/Storage–Container
48	W	P	0	3	2,000		K		T04	S01			Treatment–Other/Storage–Container
49	W	S	C	2	15,000		K		T04	S01			Treatment–Other/Storage–Container
50	W	0	0	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
51	F	0	0	1	4,000		K		T04	S01			Treatment–Other/Storage–Container
52	F	0	0	2	4,500		K		T04	S01			Treatment–Other/Storage–Container
53	F	0	0	3	6,500		K		T04	S01			Treatment–Other/Storage–Container
54	F	0	0	4	570		K		T04	S01			Treatment–Other/Storage–Container
55	F	0	0	5	6,000		K		T04	S01			Treatment–Other/Storage–Container
56	F	0	0	6	6,000		K		T04	S01			Treatment–Other/Storage–Container
57	F	0	0	7	6,000		K		T04	S01			Treatment–Other/Storage–Container
58	F	0	0	8	6,000		K		T04	S01			Treatment–Other/Storage–Container
59	F	0	0	9	6,000		K		T04	S01			Treatment–Other/Storage–Container
60	F	0	1	0	6,000		K		T04	S01			Treatment–Other/Storage–Container
61	F	0	1	1	6,000		K		T04	S01			Treatment–Other/Storage–Container
62	F	0	1	2	6,000		K		T04	S01			Treatment–Other/Storage–Container
63	F	0	1	9	6,000		K		T04	S01			Treatment–Other/Storage–Container
64	F	0	2	0	300		K		T04	S01			Treatment–Other/Storage–Container
65	F	0	2	1	300		K		T04	S01			Treatment–Other/Storage–Container
66	F	0	2	2	300		K		T04	S01			Treatment–Other/Storage–Container
67	F	0	2	3	300		K		T04	S01			Treatment–Other/Storage–Container
68	F	0	2	6	300		K		T04	S01			Treatment–Other/Storage–Container
69	F	0	2	7	500		K		T04	S01			Treatment–Other/Storage–Container
70	F	0	2	8	300		K		T04	S01			Treatment–Other/Storage–Container
71	F	0	3	9	500		K		T04	S01			Treatment–Other/Storage–Container
72	U	0	0	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
73	U	0	0	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
74	U	0	0	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
75	U	0	0	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
76	U	0	0	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
77	U	0	0	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
78	U	0	0	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
79	U	0	0	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
80	U	0	0	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
81	U	0	1	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
82	U	0	1	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
83	U	0	1	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
84	U	0	1	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
85	U	0	1	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
86	U	0	1	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
87	U	0	1	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
88	U	0	1	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
89	U	0	1	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
90	U	0	2	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
91	U	0	2	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
92	U	0	2	2	5,000		K		T04	S01			Treatment–Other/Storage–Container

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*											
W	A	7	8	9	0	0	0	8	9	6	7

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes				
									1. Process Codes *(enter)*				2. Process Description *(if a code is not entered in D(1))*
93	U	0	2	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
94	U	0	2	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
95	U	0	2	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
96	U	0	2	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
97	U	0	2	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
98	U	0	2	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
99	U	0	2	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
100	U	0	3	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
101	U	0	3	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
102	U	0	3	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
103	U	0	3	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
104	U	0	3	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
105	U	0	3	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
106	U	0	3	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
107	U	0	3	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
108	U	0	3	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
109	U	0	3	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
110	U	0	4	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
111	U	0	4	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
112	U	0	4	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
113	U	0	4	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
114	U	0	4	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
115	U	0	4	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
116	U	0	4	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
117	U	0	4	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
118	U	0	4	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
119	U	0	5	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
120	U	0	5	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
121	U	0	5	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
122	U	0	5	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
123	U	0	5	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
124	U	0	5	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
125	U	0	5	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
126	U	0	5	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
127	U	0	5	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
128	U	0	6	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
129	U	0	6	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
130	U	0	6	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
131	U	0	6	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
132	U	0	6	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
133	U	0	6	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
134	U	0	6	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
135	U	0	6	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
136	U	0	6	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
137	U	0	7	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
138	U	0	7	1	5,000		K		T04	S01			Treatment–Other/Storage–Container

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*											
W	A	7	8	9	0	0	0	8	9	6	7

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes 1. Process Codes *(enter)*				D. Processes 2. Process Description *(if a code is not entered in D(1))*
139	U	0	7	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
140	U	0	7	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
141	U	0	7	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
142	U	0	7	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
143	U	0	7	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
144	U	0	7	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
145	U	0	7	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
146	U	0	7	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
147	U	0	8	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
148	U	0	8	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
149	U	0	8	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
150	U	0	8	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
151	U	0	8	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
152	U	0	8	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
153	U	0	8	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
154	U	0	8	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
155	U	0	8	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
156	U	0	8	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
157	U	0	9	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
158	U	0	9	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
159	U	0	9	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
160	U	0	9	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
161	U	0	9	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
162	U	0	9	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
163	U	0	9	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
164	U	0	9	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
165	U	0	9	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
166	U	0	9	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
167	U	1	0	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
168	U	1	0	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
169	U	1	0	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
170	U	1	0	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
171	U	1	0	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
172	U	1	0	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
173	U	1	0	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
174	U	1	0	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
175	U	1	1	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
176	U	1	1	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
177	U	1	1	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
178	U	1	1	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
179	U	1	1	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
180	U	1	1	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
181	U	1	1	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
182	U	1	1	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
183	U	1	1	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
184	U	1	1	9	5,000		K		T04	S01			Treatment–Other/Storage–Container

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*	
W A 7 8 9 0 0 0 8 9 6 7	

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*		D. Processes 1. Process Codes *(enter)*				D. Processes 2. Process Description *(if a code is not entered in D(1))*
185	U	1	2	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
186	U	1	2	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
187	U	1	2	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
188	U	1	2	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
189	U	1	2	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
190	U	1	2	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
191	U	1	2	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
192	U	1	2	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
193	U	1	2	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
194	U	1	2	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
195	U	1	3	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
196	U	1	3	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
197	U	1	3	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
198	U	1	3	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
199	U	1	3	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
200	U	1	3	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
201	U	1	3	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
202	U	1	3	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
203	U	1	3	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
204	U	1	4	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
205	U	1	4	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
206	U	1	4	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
207	U	1	4	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
208	U	1	4	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
209	U	1	4	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
210	U	1	4	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
211	U	1	4	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
212	U	1	4	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
213	U	1	4	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
214	U	1	5	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
215	U	1	5	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
216	U	1	5	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
217	U	1	5	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
218	U	1	5	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
219	U	1	5	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
220	U	1	5	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
221	U	1	5	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
222	U	1	5	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
223	U	1	5	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
224	U	1	6	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
225	U	1	6	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
226	U	1	6	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
227	U	1	6	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
228	U	1	6	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
229	U	1	6	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
230	U	1	6	6	5,000		K	T04	S01			Treatment–Other/Storage–Container

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*	
W A 7 8 9 0 0 0 8 9 6 7	

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*		D. Processes 1. Process Codes *(enter)*				D. Processes 2. Process Description *(if a code is not entered in D(1))*
231	U	1	6	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
232	U	1	6	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
233	U	1	6	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
234	U	1	7	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
235	U	1	7	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
236	U	1	7	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
237	U	1	7	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
238	U	1	7	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
239	U	1	7	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
240	U	1	7	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
241	U	1	7	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
242	U	1	7	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
243	U	1	8	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
244	U	1	8	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
245	U	1	8	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
246	U	1	8	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
247	U	1	8	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
248	U	1	8	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
249	U	1	8	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
250	U	1	8	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
251	U	1	8	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
252	U	1	8	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
253	U	1	9	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
254	U	1	9	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
255	U	1	9	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
256	U	1	9	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
257	U	1	9	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
258	U	1	9	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
259	U	1	9	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
260	U	2	0	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
261	U	2	0	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
262	U	2	0	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
263	U	2	0	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
264	U	2	0	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
265	U	2	0	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
266	U	2	0	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
267	U	2	0	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
268	U	2	0	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
269	U	2	0	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
270	U	2	1	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
271	U	2	1	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
272	U	2	1	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
273	U	2	1	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
274	U	2	1	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
275	U	2	1	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
276	U	2	1	6	5,000		K	T04	S01			Treatment–Other/Storage–Container

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*	
W A 7 8 9 0 0 0 8 9 6 7	

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*		D. Processes				
								1. Process Codes *(enter)*				2. Process Description *(if a code is not entered in D(1))*
277	U	2	1	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
278	U	2	1	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
279	U	2	1	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
280	U	2	2	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
281	U	2	2	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
282	U	2	2	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
283	U	2	2	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
284	U	2	2	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
285	U	2	2	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
286	U	2	2	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
287	U	2	2	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
288	U	2	3	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
289	U	2	3	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
290	U	2	3	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
291	U	2	3	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
292	U	2	3	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
293	U	2	3	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
294	U	2	3	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
295	U	2	3	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
296	U	2	3	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
297	U	2	3	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
298	U	2	4	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
299	U	2	4	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
300	U	2	4	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
301	U	2	4	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
302	U	2	4	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
303	U	2	4	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
304	U	2	4	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
305	U	2	4	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
306	U	2	7	1	5,000		K	T04	S01			Treatment–Other/Storage–Container
307	U	2	7	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
308	U	2	7	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
309	U	2	7	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
310	U	2	8	0	5,000		K	T04	S01			Treatment–Other/Storage–Container
311	U	3	2	8	5,000		K	T04	S01			Treatment–Other/Storage–Container
312	U	3	5	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
313	U	3	5	9	5,000		K	T04	S01			Treatment–Other/Storage–Container
314	U	3	6	4	5,000		K	T04	S01			Treatment–Other/Storage–Container
315	U	3	6	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
316	U	3	6	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
317	U	3	6	7	5,000		K	T04	S01			Treatment–Other/Storage–Container
318	U	3	7	2	5,000		K	T04	S01			Treatment–Other/Storage–Container
319	U	3	7	3	5,000		K	T04	S01			Treatment–Other/Storage–Container
320	U	3	7	5	5,000		K	T04	S01			Treatment–Other/Storage–Container
321	U	3	7	6	5,000		K	T04	S01			Treatment–Other/Storage–Container
322	U	3	7	7	5,000		K	T04	S01			Treatment–Other/Storage–Container

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*	
W A 7 8 9 0 0 0 8 9 6 7	

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes 1. Process Codes *(enter)*				D. Processes 2. Process Description *(if a code is not entered in D(1))*
323	U	3	7	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
324	U	3	7	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
325	U	3	8	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
326	U	3	8	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
327	U	3	8	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
328	U	3	8	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
329	U	3	8	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
330	U	3	8	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
331	U	3	8	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
332	U	3	8	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
333	U	3	9	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
334	U	3	9	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
335	U	3	9	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
336	U	3	9	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
337	U	3	9	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
338	U	3	9	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
339	U	3	9	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
340	U	4	0	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
341	U	4	0	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
342	U	4	0	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
343	U	4	0	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
344	U	4	0	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
345	U	4	0	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
346	U	4	0	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
347	U	4	1	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
348	U	4	1	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
349	P	0	0	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
350	P	0	0	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
351	P	0	0	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
352	P	0	0	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
353	P	0	0	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
354	P	0	0	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
355	P	0	0	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
356	P	0	0	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
357	P	0	0	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
358	P	0	1	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
359	P	0	1	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
360	P	0	1	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
361	P	0	1	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
362	P	0	1	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
363	P	0	1	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
364	P	0	1	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
365	P	0	1	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
366	P	0	1	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
367	P	0	2	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
368	P	0	2	1	5,000		K		T04	S01			Treatment–Other/Storage–Container

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*	
W A 7 8 9 0 0 0 8 9 6 7	

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes 1. Process Codes *(enter)*				D. Processes 2. Process Description *(if a code is not entered in D(1))*
369	P	0	2	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
370	P	0	2	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
371	P	0	2	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
372	P	0	2	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
373	P	0	2	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
374	P	0	2	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
375	P	0	2	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
376	P	0	3	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
377	P	0	3	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
378	P	0	3	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
379	P	0	3	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
380	P	0	3	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
381	P	0	3	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
382	P	0	3	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
383	P	0	3	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
384	P	0	4	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
385	P	0	4	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
386	P	0	4	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
387	P	0	4	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
388	P	0	4	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
389	P	0	4	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
390	P	0	4	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
391	P	0	4	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
392	P	0	4	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
393	P	0	4	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
394	P	0	5	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
395	P	0	5	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
396	P	0	5	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
397	P	0	5	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
398	P	0	5	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
399	P	0	5	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
400	P	0	5	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
401	P	0	6	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
402	P	0	6	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
403	P	0	6	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
404	P	0	6	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
405	P	0	6	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
406	P	0	6	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
407	P	0	6	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
408	P	0	6	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
409	P	0	6	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
410	P	0	7	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
411	P	0	7	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
412	P	0	7	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
413	P	0	7	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
414	P	0	7	4	5,000		K		T04	S01			Treatment–Other/Storage–Container

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*	
W A 7 8 9 0 0 0 8 9 6 7	

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes 1. Process Codes *(enter)*				D. Processes 2. Process Description *(if a code is not entered in D(1))*
415	P	0	7	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
416	P	0	7	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
417	P	0	7	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
418	P	0	7	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
419	P	0	8	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
420	P	0	8	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
421	P	0	8	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
422	P	0	8	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
423	P	0	8	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
424	P	0	8	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
425	P	0	8	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
426	P	0	9	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
427	P	0	9	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
428	P	0	9	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
429	P	0	9	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
430	P	0	9	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
431	P	0	9	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
432	P	0	9	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
433	P	0	9	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
434	P	1	0	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
435	P	1	0	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
436	P	1	0	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
437	P	1	0	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
438	P	1	0	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
439	P	1	0	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
440	P	1	0	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
441	P	1	0	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
442	P	1	0	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
443	P	1	1	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
444	P	1	1	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
445	P	1	1	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
446	P	1	1	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
447	P	1	1	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
448	P	1	1	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
449	P	1	1	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
450	P	1	1	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
451	P	1	1	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
452	P	1	2	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
453	P	1	2	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
454	P	1	2	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
455	P	1	2	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
456	P	1	2	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
457	P	1	2	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
458	P	1	8	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
459	P	1	8	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
460	P	1	8	9	5,000		K		T04	S01			Treatment–Other/Storage–Container

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*											
W	A	7	8	9	0	0	0	8	9	6	7

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes				
									1. Process Codes *(enter)*				2. Process Description *(if a code is not entered in D(1))*
461	P	1	9	0	5,000		K		T04	S01			Treatment–Other/Storage–Container
462	P	1	9	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
463	P	1	9	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
464	P	1	9	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
465	P	1	9	6	5,000		K		T04	S01			Treatment–Other/Storage–Container
466	P	1	9	7	5,000		K		T04	S01			Treatment–Other/Storage–Container
467	P	1	9	8	5,000		K		T04	S01			Treatment–Other/Storage–Container
468	P	1	9	9	5,000		K		T04	S01			Treatment–Other/Storage–Container
469	P	2	0	1	5,000		K		T04	S01			Treatment–Other/Storage–Container
470	P	2	0	2	5,000		K		T04	S01			Treatment–Other/Storage–Container
471	P	2	0	3	5,000		K		T04	S01			Treatment–Other/Storage–Container
472	P	2	0	4	5,000		K		T04	S01			Treatment–Other/Storage–Container
473	P	2	0	5	5,000		K		T04	S01			Treatment–Other/Storage–Container
474													
475													
476													
477													
478													
479													
480													
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495													

IV. DESCRIPTION OF DANGEROUS WASTE (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM SECTION D(1) ON PAGE 3.

V. FACILITY DRAWING Refer to attached drawing(s).

All existing facilities must include in the space provided on page 5 a scale drawing of the facility *(see instructions for more detail)*.

VI. PHOTOGRAPHS Refer to attached photograph(s).

All existing facilities must include photographs *(aerial or ground-level)* that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas *(see instructions for more detail)*.

VII. FACILITY GEOGRAPHIC LOCATION This information is provided on the attached drawings and photos.

LATITUDE *(degrees, minutes, & seconds)*	LONGITUDE *(degrees, minutes, & seconds)*

VIII. FACILITY OWNER

[X] A. If the facility owner is also the facility operator as listed in Section VII on Form 1, "General information," place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER	2. PHONE NO. *(area code & no.)*

3. STREET OR P.O. BOX	4. CITY OR TOWN	5. ST.	6. ZIP CODE

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME *(print or type)*	SIGNATURE	DATE SIGNED
Keith A. Klein, Manager U.S. Department of Energy Richland Operations Office		6/28/99

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME *(print or type)*	SIGNATURE	DATE SIGNED

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

6/28/99

Owner/Operator
Keith A. Klein, Manager
U.S. Department of Energy
Richland Operations Office

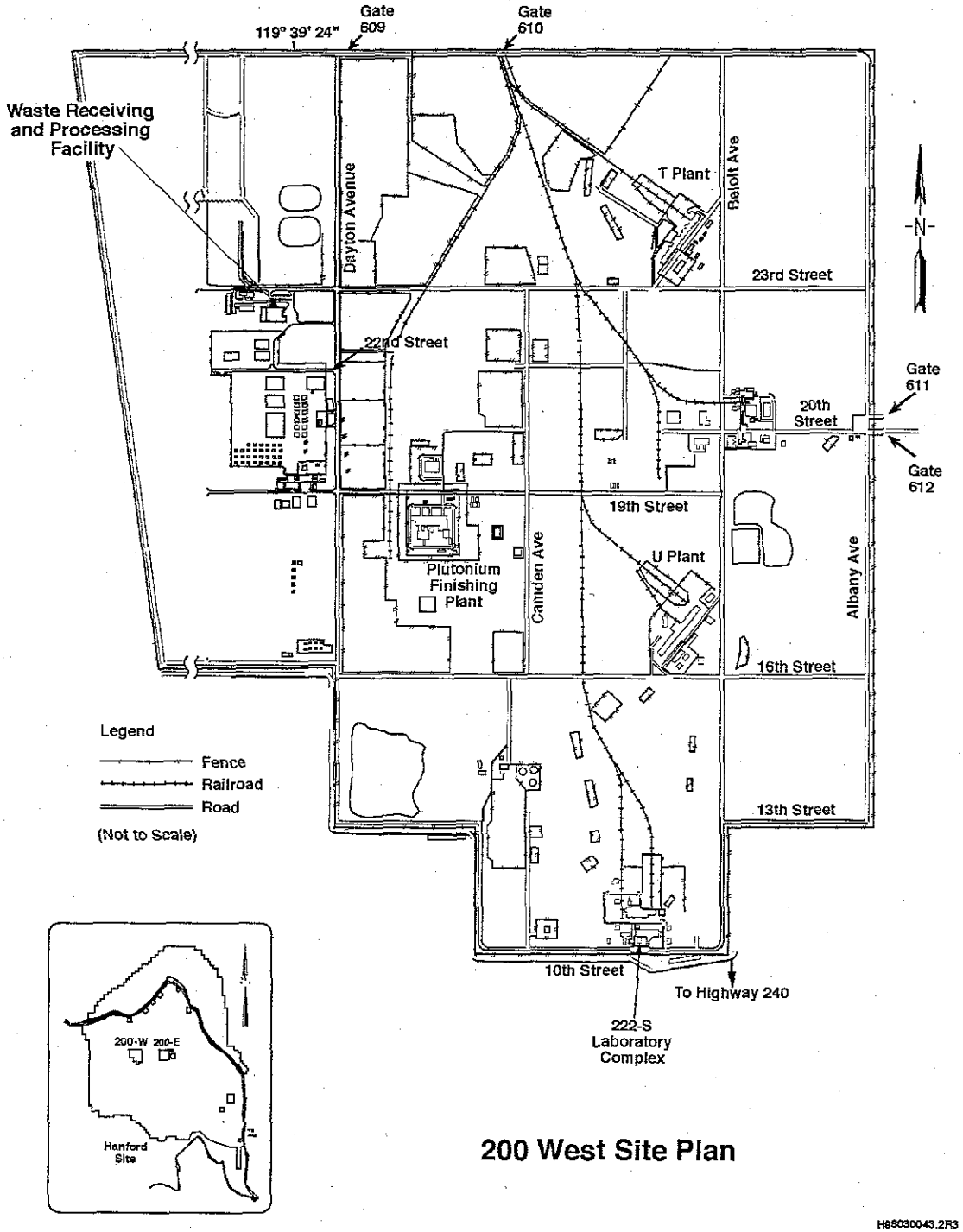
Date

June 28, 1999

Co-operator
R. D. Hanson,
President and Chief Executive Officer
Fluor Daniel Hanford, Inc.

Date

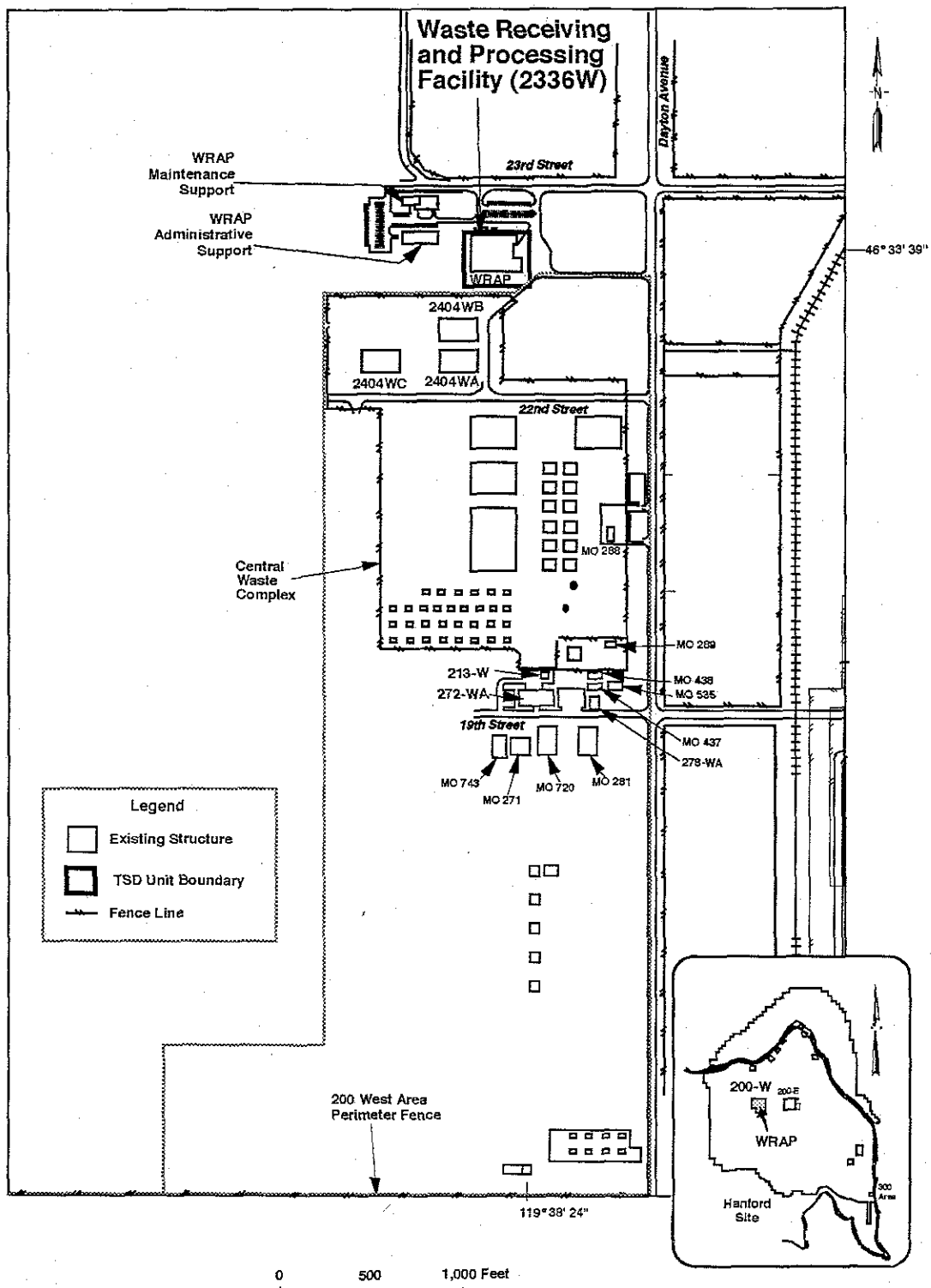
Figures



200 West Site Plan

H86030043.2R3

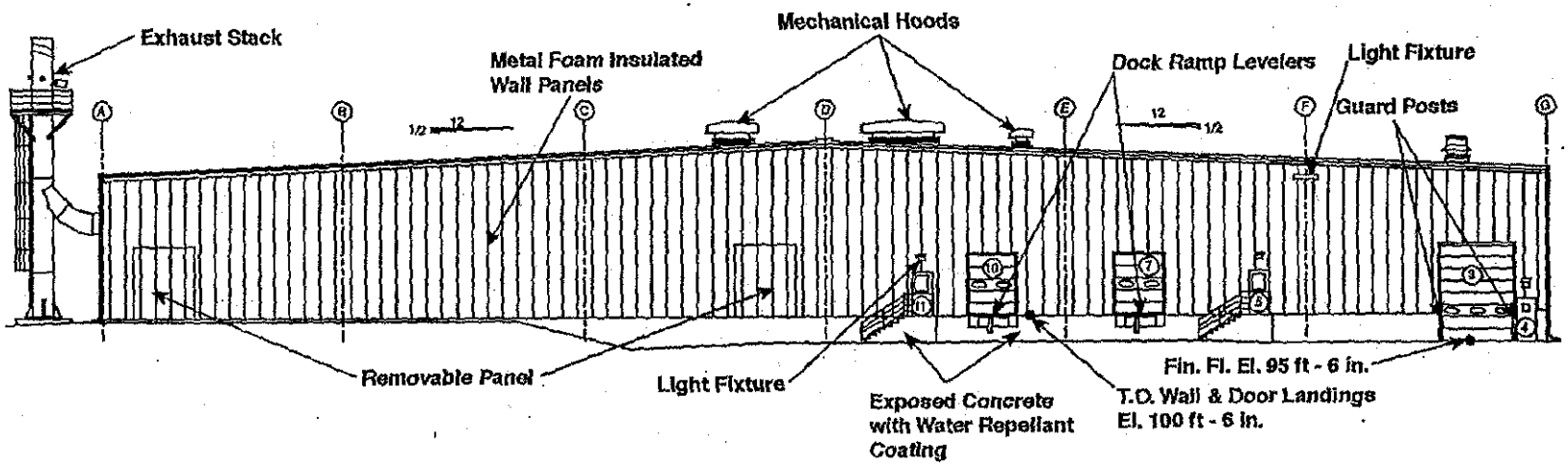
Waste Receiving and Processing Facility (WRAP)



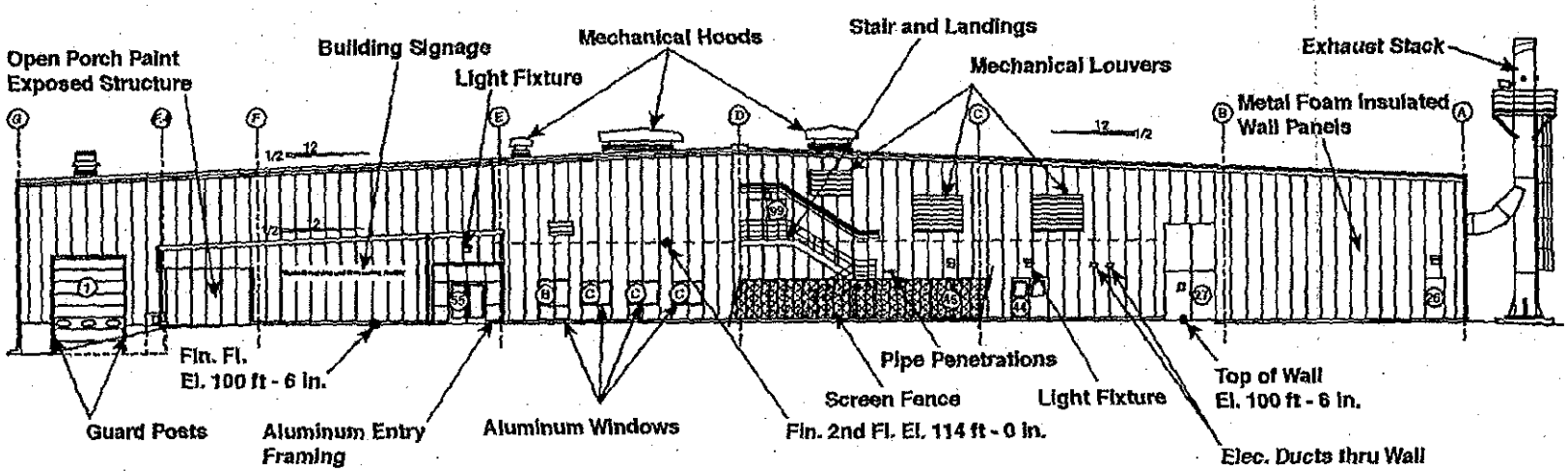
Note: To convert feet to meters, multiply by 0.3048.
To convert inches to centimeters, multiply by 2.54.

H98030043.3R2

Waste Receiving and Processing Facility
2336-W Building



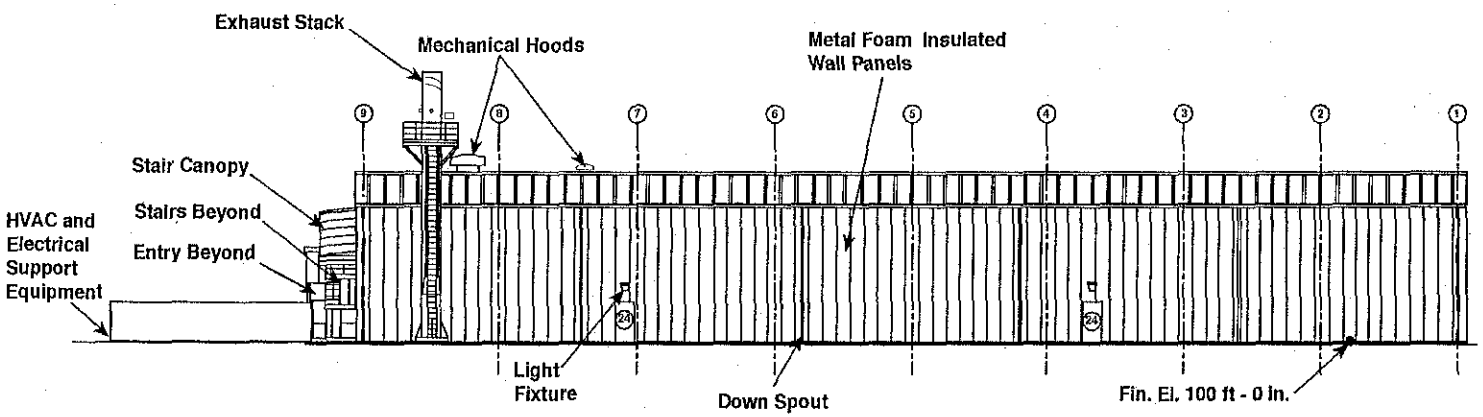
South Elevation



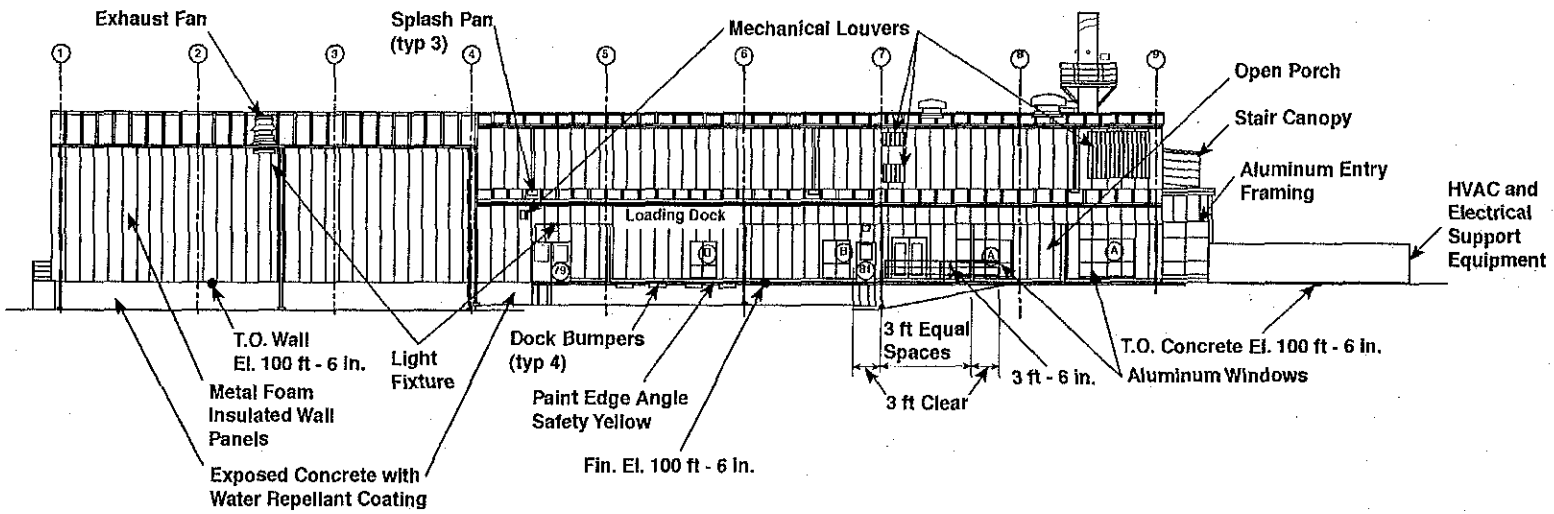
North Elevation

H98030043.4

Waste Receiving and Processing Facility
2336-W Building



West Elevation

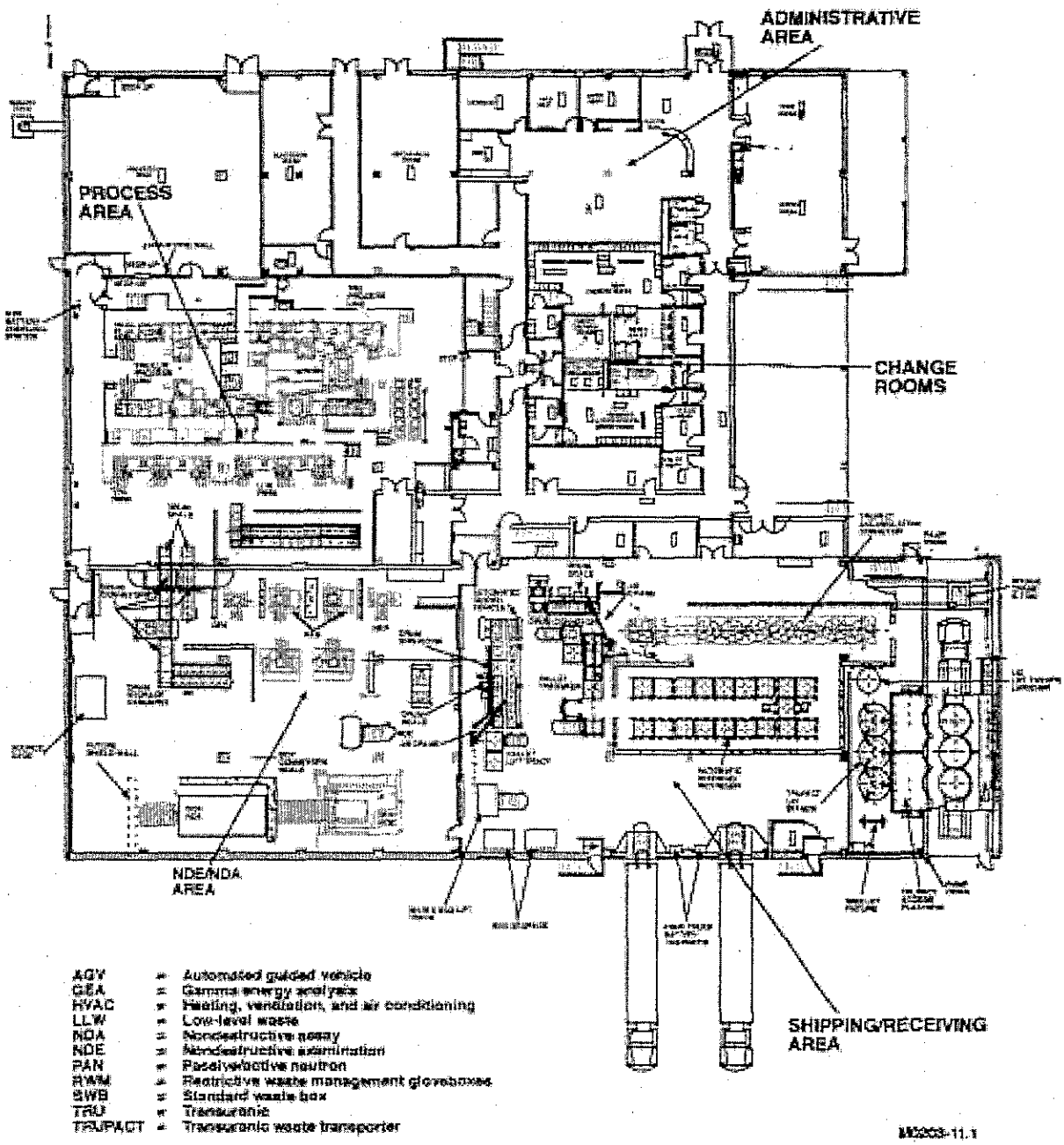


East Elevation

H99030043.5R2

HVAC = Heating, ventilation, and air conditioning.

Waste Receiving and Processing Facility
Building Layout



Waste Receiving and Processing Facility

46°33'29"
119°38'24"

96050191-68CN
(PHOTO TAKEN 1996)

Dangerous Waste Permit Application
88-21 Part A

DOE/RL-88-21
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HANFORD FACILITY DANGEROUS WASTE PART A PERMIT APPLICATION

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4.1	**100 AREA FACILITIES**			
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W **4.1.1.3**	1706-KE Waste Treatment System	4	10/10/2002	Pending
W **4.1.1.4**	183-H Solar Evaporation Basins	5	07/01/2002	08/26/02
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W **4.1.2.1**	1301-N Liquid Waste Disposal Facility	7	02/25/1997	05/18/99
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W **4.1.2.3**	1324-NA Percolation Pond	3	06/30/1994	05/18/99
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CLOSED 08/09/99

4.2 200 AREA FACILITIES

4.2.1 Treatment Facilities

	4.2.1.1	221-T Test Facility CLOSED 02/22/99	3	09/26/1996	02/22/99
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W	4.2.1.4	242-A Evaporator	7	09/26/1996	10/16/96
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W	4.2.1.6	T Plant Complex	9	09/03/2002	10/02/02
	4.2.1.7	241-Z Treatment and Storage Tanks	6	05/05/2000	07/05/00
W	4.2.1.8	B Plant Complex	9	06/02/2002	07/24/02
W	4.2.1.9	222-S Laboratory Complex	9	03/08/2001	03/19/01
	4.2.1.10	204-AR Waste Unloading Station	6	12/21/1999	01/12/00
W	4.2.1.11	PUREX Plant	10	06/02/2002	07/24/02
	4.2.1.12	Hanford Waste Vitrification Plant	5	09/26/1996	Pending
	4.2.1.12	Hanford Waste Vitrification Plant	6	09/30/1999	Denied
W	4.2.1.13	200 Area Effluent Treatment Facility	3	05/22/1998	05/18/99
	4.2.1.14	Waste Receiving and Processing Facility	1	09/26/1996	03/12/97
W	4.2.1.14	Waste Receiving and Processing Facility	3	06/28/1999	Pending
	4.2.1.15	Plutonium Finishing Plant Treatment Unit	1	04/10/2000	06/09/00
	4.2.1.15	Plutonium Finishing Plant Treatment and Storage Unit	2	07/05/2000	Denied
	4.2.1.16	Waste Treatment Plant	1	11/28/2001	Pending

4.2.2 Storage Facilities

	4.2.2.1	2727-S Storage Facility CLEAN CLOSED, 07/31/95	2	11/16/1987	07/31/95
	4.2.2.2	Double-Shell Tank System	10	12/21/1999	01/12/00
W	4.2.2.3	Hexone Storage and Treatment Facility	4	07/01/2002	07/24/02
	4.2.2.4	2727-WA SRE Sodium Storage Building CLOSED 02/22/99	1	09/26/1996	02/22/99
W	4.2.2.5	PUREX Storage Tunnels	5A	09/26/2000	12/12/00
W	4.2.2.5	PUREX Storage Tunnels	5B	09/30/2002	Pending
	4.2.2.6	224-T Transuranic Waste Storage and Assay Facility	6	09/26/1996	11/06/96

	4.2.2.7	Central Waste Complex	4	09/26/1996	02/18/97
W	**4.2.2.7**	Central Waste Complex	6	06/28/1999	Pending
	4.2.2.8	Single-Shell Tank System	6	12/21/1999	01/12/00
W	**4.2.2.8**	Single-Shell Tank System	8	01/16/2003	Pending
	4.2.2.9	207-A South Retention Basin	2	09/26/1996	Pending
W	**4.2.2.10**	Liquid Effluent Retention Facility	6	05/22/1998	05/18/99
W	**4.2.2.11**	241-CX Tank System	4	07/01/2002	07/24/02
	4.2.2.12	Waste Encapsulation and Storage Facility	2	10/03/2001	12/06/01
	4.2.2.13	IHLW Interim Storage Unit	0	06/28/1999	07/28/99
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W	**4.2.3.1**	Low-Level Burial Grounds	12	07/01/2002	08/01/02
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	4.2.3.3	2101-M Pond CLEAN CLOSED, 11/28/95	2	11/16/1987	11/28/95
W	**4.2.3.4**	216-A-29 Ditch	4	07/01/2002	07/24/02
W	**4.2.3.5**	216-B-3 Main Pond	7	07/01/2002	07/24/02
W	**4.2.3.6**	216-B-63 Trench	6	07/01/2002	07/24/02
W	**4.2.3.7**	216-A-10 Crib	4	07/01/2002	07/24/02
W	**4.2.3.8**	216-U-12 Crib	4	07/01/2002	07/24/02
W	**4.2.3.9**	216-A-36B Crib	2	07/01/2002	07/24/02
W	**4.2.3.10**	216-A-37-1 Crib	3	07/01/2002	07/24/02
	4.2.3.11	216-B-3 Expansion Ponds CLEAN CLOSED, 07/31/95	0	12/16/1993	07/31/95

4.3 300 AREA FACILITIES

4.3.1	Treatment Facilities				
	4.3.1.1	3718-F Alkali Metal Treatment and Storage Area CLEAN CLOSED, 08/04/98	4	09/26/1996	08/04/98
	4.3.1.2	324 Pilot Plant CLOSED 06/09/97	3	05/19/1988	06/09/97
	4.3.1.3	304 Concretion Facility CLEAN CLOSED, 1/21/96	4	06/21/1990	01/21/96
	4.3.1.4	300 Area Solvent Evaporator CLEAN CLOSED, 07/31/95	4	03/27/1990	07/31/95
W	**4.3.1.5**	300 Area Waste Acid Treatment System PARTIAL CLOSURE PLAN COMPLETED, 12/03/01	5A	03/31/2002	05/20/02
	4.3.1.6	303-M Oxide Facility	1	09/26/1996	Pending
	4.3.1.7	325 Hazardous Waste Treatment Units	4A	06/29/2000	08/18/00
W	**4.3.1.7**	325 Hazardous Waste Treatment	4B	03/31/2002	05/07/02

		Units			
	4.3.1.8	Biological Treatment Test Facilities CLOSED 12/10/96	0	05/19/1988	12/10/96
	4.3.1.9	Physical and Chemical Treatment Test Facilities CLOSED 05/13/96	1	08/13/1991	05/13/96
	4.3.1.10	Thermal Treatment Test Facilities CLOSED 05/13/96	0	05/19/1988	05/13/96
4.3.2	Storage Facilities				
W	**4.3.2.1**	311 Tanks Capacity transferred to 300WATS 6/29/90 CLOSED 05/20/02	1A	03/31/2002	05/20/02
W	**4.3.2.2**	303-K Storage Facility CLOSED 07/22/02	5A	09/26/1996	07/22/02
	4.3.2.3	305-B Storage Facility	1B	12/31/2001	04/03/02
W	**4.3.2.3**	305-B Storage Facility	1C	09/30/2002	Pending
	4.3.2.4	332 Storage Facility CLOSED 04/21/97	0	05/19/1988	04/21/97
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4.4.1	Treatment Facilities				
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4.4.2	Storage Facilities				
	4.4.2.1	4843 Alkali Metal Storage Facility CLEAN CLOSED, 04/14/97	3	09/26/1996	04/14/97
	4.4.2.2	Sodium Storage Facility and Sodium Reaction Facility	1	09/26/1996	Pending
4.5	**600 AREA FACILITIES**				
4.5.1	Treatment Facilities				
	4.5.1.1	Hanford Patrol Academy Demolition Sites CLEAN CLOSED, 11/28/95	4	12/15/1994	11/28/95
4.5.2	Storage Facilities				
	4.5.2.1	616 Nonradioactive Dangerous Waste Storage Facility CLEAN CLOSED, 09/05/01	7	03/04/1997	09/05/01
W	**4.5.2.2**	600 Area Purgewater Storage and Treatment Facility	5	07/01/2002	09/10/02

4.5.3 Disposal Facilities				
W	**4.5.3.1** Nonradioactive Dangerous Waste Landfill	5	07/01/2002	07/24/02
4.6	**3000 AREA FACILITIES**			
4.6.1 Treatment Facilities				
	4.6.1.1 Simulated High-Level Waste Slurry Treatment /Storage CLEAN CLOSED, 09/06/95	2	08/12/1994	09/06/95

W Download - Blank Part A, Form 3 (Word 2000 format)

Archived revisions of the past.

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For questions or comments about the technical content of the permit, please send email to Suzette_A_Thompson@apimc01.rl.gov
URL: http://www.rl.gov/rcra/
Last Updated: 01/21/2003 11:52:58
Return to the Hanford home page.

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/State I.D. No.
		W A 7 8 9 0 0 0 8 9 6 7

FOR OFFICIAL USE ONLY

Application Approved	Date Received (month/ day / year)	Comments
		Approved 07/24/02

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or If this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.

A. First Application (place an "X" below and provide the appropriate date)

☐ **1. Existing Facility** (See instructions for definition of "existing" facility. Complete item below.)

MO	DAY	YEAR
03	22	1943

*For existing facilities, provide the date (mo/day/yr) operation began or the date construction commenced. (use the boxes to the left)

*The date construction of the Hanford Facility commenced

☐ **2. New Facility** (Complete item below.)

MO	DAY	YEAR

For new facilities, provide the date (mo/day/yr) operation began or is expected to begin

B. Revised Application (Place an "X" below and complete Section I above)

☒ **1. Facility has an Interim Status Permit**

☒ **2. Facility has a Final Permit**

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. Process Code – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the codes(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the (Section III-C).

B. Process Design Capacity – For each code entered in column A enter the capacity of the process.

1. Amount – Enter the amount.
2. Unit of Measure – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
STORAGE:		
Container (barrel, drum, etc.)	S01	Gallons or liters
Tank	S02	Gallons or liters
Waste pile	S03	Cubic yards or cubic meters
Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
Land application	D82	Acres or hectares
Ocean disposal	D83	Gallons per day or liters per day
Surface impoundment	D84	Gallons or liters
TREATMENT:		
Tank	T01	Gallons per day or liters per day
Surface impoundment	T02	Gallons per day or liters per day
Incinerator	T03	Tons per hour or metric tons per hour; gallons per hour or liters per hour
Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Liters Per Day	V	Acre-Feet	A
Liters	L	Tons Per Hour	D	Hectare-Meter	F
Cubic Yards	Y	Metric Tons Per Hour	W	Acres	B
Cubic Meters	C	Gallons Per Hour	E	Hectares	Q
Gallons Per Day	U	Liters Per Hour	H		

III. PROCESS – CODES AND DESIGN CAPACITIES (continued)

Example for Completing Section III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks; one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line No.	A. Process Code *(from list above)*			B. Process Design Capacity				For Official Use Only			
				1. Amount *(Specify)*		2. Unit of Measure *(enter code)*					
X-1	*S*	*0*	*2*	*600*		*G*					
X-2	*T*	*0*	*3*	*20*		*E*					
1	S	0	2	48,000		G					
2	T	0	4	3,000		U					
3	S	0	1	40,000		G					
4											
5											
6											
7											
8											
9											
10											

C. Space for additional process codes or for describing other process (code "T04"). For each process entered here include design capacity.

S02, T04, S01

The Hexone Storage and Treatment Facility (HSTF) is located in the southeast corner of the 200 West Area of the Hanford Facility. The HSTF consisted of two 24,000 gallon (91,000 liter) belowgrade carbon steel tanks--276-S-141 (S-141) and 276-S-142 (S-142), a distillation system, and railroad tank cars. The HSTF received liquid mixed waste from the Reduction/Oxidation (REDOX) Plant and possibly the Hot Semiworks Plant. The HSTF was used from 1951 through 1967 to store reagent-grade methyl isobutyl ketone (hexone) for makeup as a solvent for the REDOX Plant. After 1967, the HSTF contained distilled hexone, part of all of which had been used in the REDOX Plant. The S-142 tank also contained normal paraffin hydrocarbon (NPH) and tributyl phosphate (TBP) from a one-time campaign to separate americium, curium, and promethium from Shippingport reactor blanket fuel in 1966. Approximately 200 gallons (760 liters) of water were added to the S-141 tank in 1988. The S-142 tank received approximately 1,300 gallons (5,000 liters) of water in 1967, 500 gallons (1,900 liters) in the mid-1970's, and 200 gallons (760 liters) in the mid-1980's. The combined storage design capacities of the tanks (S-141 and S-142) are 48,000 gallons (182,000 liters) (S02). The treatment design capacity of the distillation system was 3,000 gallons (11,400 liters) of waste per day (T04). The storage design capacity of the railroad tank cars was 40,000 gallons ((152,000 liters) (S01).

The mixed waste was pumped from the S-141 and S-142 tanks through a distillation system to decrease the radioactivity of the waste. The distilled waste was sent to temporary storage in railroad tank cars located within the HSTF, until completion of transfers to an offsite incinerator in June of 1992. Three distillation vessels containing process residue have been sampled and are stored elsewhere on the Hanford Site as mixed waste. The S-141 and S-142 tanks currently each contain up to 5 to 30 gallons (19 to 114 liters) of liquid mixed waste containing 93% NPH and 7% hexone and up to 250 gallons (950 liters) of phosphate tar. The phosphate tar will be stored at the Hanford Site as mixed waste. The railroad tank cars have been emptied, cleaned, and moved to another onsite location. The HSTF two tanks are being closed under interim status.

IV. DESCRIPTION OF DANGEROUS WASTES

A. Dangerous Waste Number – Enter the digit number from Chapter 173-303 WAC for each listed dangerous waste you will handle. If you handle dangerous wastes which are not listed in Chapter 173-303 WAC, enter the four-digit number(s) that describes the characteristics and/or the toxic contaminants of those dangerous wastes.

B. Estimated Annual Quantity - For each listed waste entered in column A, estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A, estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. Unit of Measure - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate odes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
Pounds	P	Kilograms	K
Tons	T	Metric Tons	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. Processes

1. Process Codes:

   For listed dangerous waste: For each listed dangerous waste entered in column A select the code(s) from the list of process codes contained in Section III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

   For non-listed dangerous wastes: For each characteristic or toxic contaminant entered in Column A, select the code(s) from the list of process codes contained in Section III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed dangerous wastes that possess that characteristic or toxic contaminant.

   Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. Process Description: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

   NOTE: DANGEROUS WASTES DESCRIBED BY MORE THAN ONE DANGEROUS WASTE NUMBER - Dangerous wastes that can be described by more than one Waste Number shall be described on the form as follows:

   1. Select one of the Dangerous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
   2. In column A of the next line enter the other Dangerous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
   3. Repeat step 2 for each other Dangerous Waste Number that can be used to describe the dangerous waste.

   Example for completing Section IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste.

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes				
									1. Process Codes *(enter)*				2. Process Description *(if a code is not entered in D(1))*
X-1	*K*	*0*	*5*	*4*	*900*		*P*		*T03*	*D80*			
X-2	*D*	*0*	*0*	*2*	*400*		*P*		*T03*	*D80*			
X-3	*D*	*0*	*0*	*1*	*100*		*P*		*T03*	*D80*			
X-4	*D*	*0*	*0*	*2*					*T03*	*D80*			*Included with above*

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*	
W A 7 8 9 0 0 0 8 9 6 7	

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes				
									1. Process Codes *(enter)*				2. Process Description *(if a code is not entered in D(1))*
1	D	0	0	1	245,400		P		S02	T04	S01		Storage-Tank/Treatment-Other Distillation/Storage-Container
2	F	0	0	3			P		S02	T04	S01		Storage-Tank/Treatment-Other Distillation/Storage-Container
3	W	C	0	2			P		S02	T04	S01		Storage-Tank/Treatment-Other Distillation/Storage-Container
4	W	T	0	2			P		S02	T04	S01		Storage-Tank/Treatment-Other Distillation/Storage-Container
5													
6													
7													
8													
9													
10													
11													
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14													
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40													

IV. DESCRIPTION OF DANGEROUS WASTE (continued)

E. Use this space to list additional process codes from Section D(1) on page 3.

The S-141 tank was used to store waste hexone (F003) that was used as a solvent in the REDOX Plant. The mixed waste was considered ignitable (D001) and a toxic state-only waste (WT02). The estimated annual quantity of waste that was treated and stored in the S-141 tank was approximately 20,000 gallons (76,000 liters).

The S-142 tank also was used to store waste hexone. In addition, the S-142 tank also stored waste NPH and TBP. This mixture was designated F003, D001, WT02, and a carcinogenic state-only waste (WC02). This waste resulted from a one-time campaign to separate americium, curium, and promethium from Shippingport reactor blanket fuel in 1966. The estimated annual quantity of waste that was treated and stored in the S-142 tank was approximately 16,000 gallons (61,000 liters).

V. FACILITY DRAWING Refer to attached drawing(s).

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS Refer to attached photograph(s).

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION This information is provided on the attached drawings and photos.

LATITUDE *(degrees, minutes, & seconds)*	LONGITUDE *(degrees, minutes, & seconds)*

VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VII on Form 1, "General Information," place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VII on Form 1, complete the following items:

1. Name of Facility's Legal Owner	2. Phone Number *(area code & no.)*

3. Street or P.O. Box	4. City or Town	5. St.	6. Zip Code

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name *(print or type)*	Signature	Date Signed
Keith A. Klein, Manager U.S. Department of Energy Richland Operations Office		7/1/02

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name *(Print Or Type)*	Signature	Date Signed
See attachment		

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

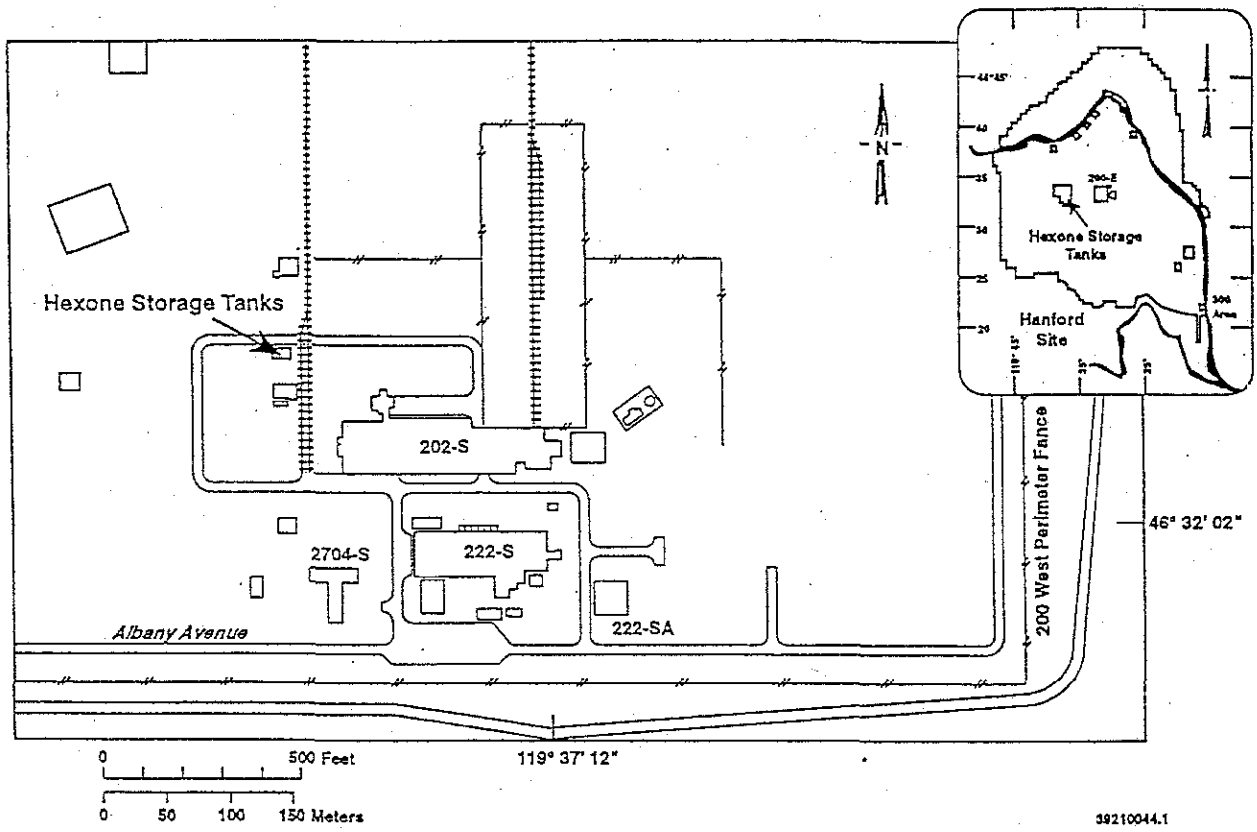
Owner/Operator
Keith A. Klein, Manager
U.S. Department of Energy
Richland Operations Office

Date 7/1/02

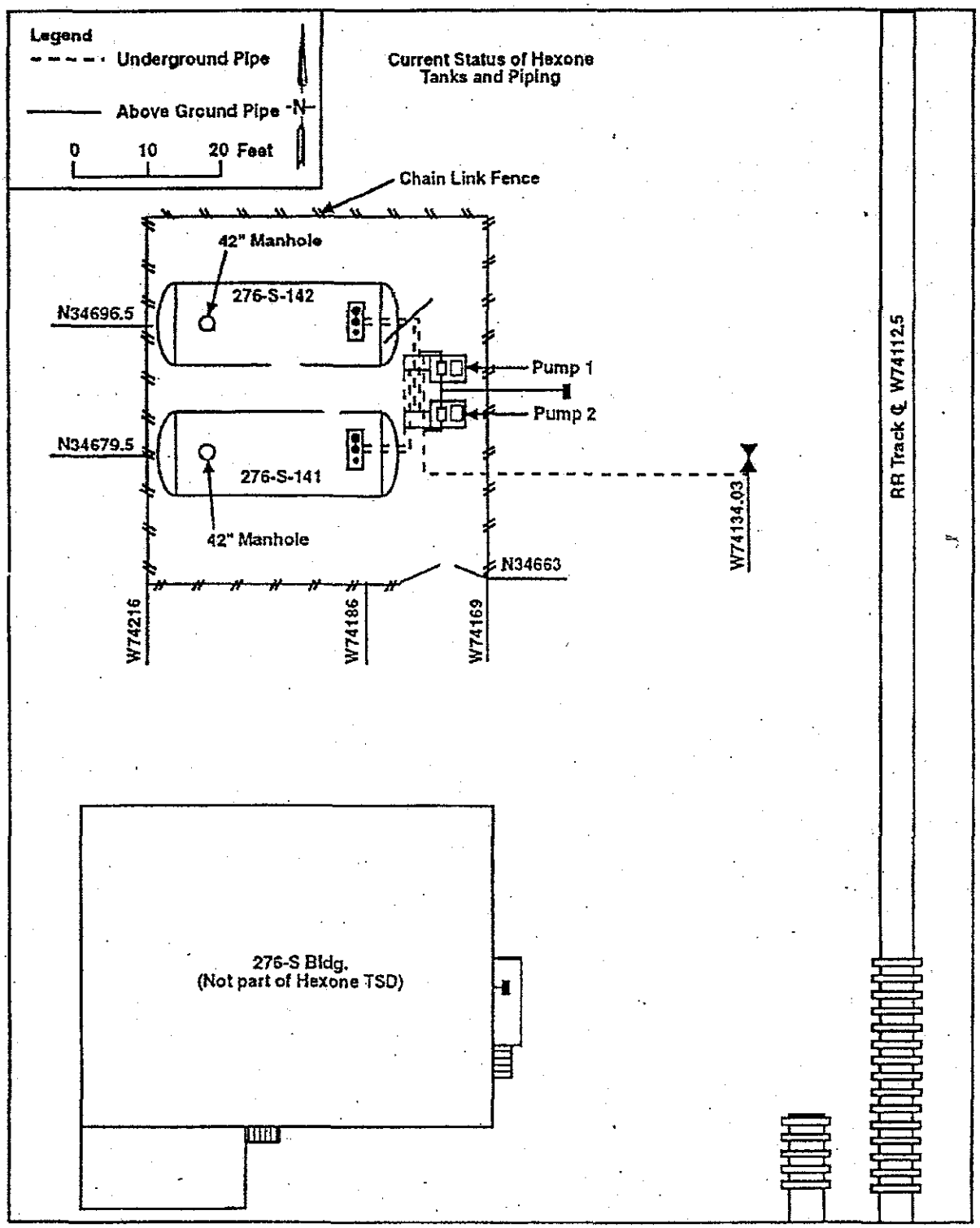
Co-operator /FOR
E. Keith Thomson
President and Chief Executive Officer
Fluor Hanford

Date 5-30-02

276-S-141 AND 142
HEXONE STORAGE TANKS SITE PLAN



HEXONE STORAGE TANKS



For conversions, apply the following:

Feet to meters--multiply feet by 0.3048
Inches to centimeters--multiply inches by 2.54.

276-S-141 AND 142
HEXONE STORAGE TANKS

46°32'08"
119°37'23"

8706421-7CN
(PHOTO TAKEN 1987)

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/State I.D. No.
		W A 7 8 9 0 0 0 8 9 6 7

FOR OFFICIAL USE ONLY

Application Approved	Date Received (month/ day / year)	Comments

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or If this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.

A. First Application (place an "X" below and provide the appropriate date)

☐ **1. Existing Facility** (See instructions for definition of "existing" facility. Complete item below.)

MO	DAY	YEAR
03	22	1943

*For existing facilities, provide the date (mo/day/yr) operation began or the date construction commenced. (use the boxes to the left)

*The date construction of the Hanford Facility commenced

☐ **2. New Facility** (Complete item below.)

MO	DAY	YEAR

For new facilities, provide the date (mo/day/yr) operation began or is expected to begin

B. Revised Application (Place an "X" below and complete Section I above)

☒ **1. Facility has an interim Status Permit**

☒ **2. Facility has a Final Permit**

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. Process Code – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the codes(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the (Section III-C).

B. Process Design Capacity – For each code entered in column A enter the capacity of the process.

1. Amount – Enter the amount.
2. Unit of Measure – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
STORAGE:		
Container (barrel, drum, etc.)	S01	Gallons or liters
Tank	S02	Gallons or liters
Waste pile	S03	Cubic yards or cubic meters
Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
Land application	D82	Acres or hectares
Ocean disposal	D83	Gallons per day or liters per day
Surface impoundment	D84	Gallons or liters
TREATMENT:		
Tank	T01	Gallons per day or liters per day
Surface impoundment	T02	Gallons per day or liters per day
Incinerator	T03	Tons per hour or metric tons per hour; gallons per hour or liters per hour
Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Liters Per Day	V	Acre-Feet	A
Liters	L	Tons Per Hour	D	Hectare-Meter	F
Cubic Yards	Y	Metric Tons Per Hour	W	Acres	B
Cubic Meters	C	Gallons Per Hour	E	Hectares	Q
Gallons Per Day	U	Liters Per Hour	H		

III. PROCESS – CODES AND DESIGN CAPACITIES (continued)

Example for Completing Section III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks; one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line No.	A. Process Code *(from list above)*			B. Process Design Capacity				For Official Use Only			
				1. Amount *(Specify)*		2. Unit of Measure *(enter code)*					
X-1	*S*	*0*	*2*	*600*		*G*					
X-2	*T*	*0*	*3*	*20*		*E*					
1	S	0	2	348,390,160		L					
2	T	0	1	2,271,240		V					
3	S	0	3	0.11		C					
4											
5											
6											
7											
8											
9											
10											

C. Space for additional process codes or for describing other process (code "T04"). For each process entered here include design capacity.

For Facility Drawings, refer to the attached site plan drawings

S02, T01

The Single-Shell Tank (SST) System consists of 149 tanks that were built between the years 1943 and 1964 to store mixed waste (S02) generated on the Hanford Site. There are two types of tanks in the SST System, the 100 series and the 200 series. The 133 100-series SSTs are 23 meters (75 feet) in diameter with operating capacities of 1,892,700 to 3,785,400 liters (500,000 to 1,000,000 gallons). The sixteen 200-series SSTs are smaller and of a similar design with a 6 meter (20 foot) diameter and a capacity of 208,197 liters (55,000 gallons). The SST System also includes five waste transfer vault systems; 244-AR, 244-BXR, 244-CR, 244-TXR, and 244-UR Vaults. Each vault system contains four tanks of varying capacities.

Attachment 1 contains 10 tables; Table 1 lists tank numbers, year of construction, year removed from service, and operating capacity. Table 2 lists Waste Transfer Vaults, year of construction, year removed from service, and operating capacity. Table 3 lists Inactive Miscellaneous Underground Storage Tanks, year of construction, year removed from service, and operating capacity. Table 4 lists SST Diversion Boxes and the year of construction. Table 5 lists the SST Valve Pits. Table 6 lists the SST Flush Pits. Table 7 lists the active 200 East and 200 West Area Transfer Lines. Table 8 lists the 200 East and 200 West Inactive Waste Transfer Lines. Table 9 lists the SST/DST interface points.

The maximum process design capacity for tank storage at the SST System is 348,390,160 liters (92,035,230 gallons).

Treatment of the mixed waste in the SST System occurs when solids and interstitial liquids are separated and/or cooling liquids are added (T01). These treatment processes involve, but are not limited to, mechanical retrieval, sluicing, and saltwell pumping of the mixed waste. Retrieval liquids may be added to the SSTs only following appropriate Ecology approvals pursuant to M-45 and any subsequent applicable M-45 milestones. Retrieval liquids may include the double-shell tank waste for the purpose of dissolution and to facilitate SST retrieval operations. The SST System has a process design limit of 2,271,240 liters (600,000 gallons) per day based on the simultaneous pumping of two SSTs in a 24-hour period. Ancillary equipment used for the transfer of liquid mixed waste consists of: (1) centrifugal pumps capable of pumping liquid mixed waste at 1,514 liters (400 gallons) per minute, (2) induction pumps capable of pumping liquid waste from the saltwell at 38 liters (10 gallons) per minute, and (3) associated valves and piping to the DST System. Mechanical equipment, sluicing equipment, and similar treatrnent/processes are not limited to the processes described previously.

The maximum process design capacity for tank treatment at the SST System is 2,271,240 liters (600,000 gallons) per day.

S03

Associated with the SST System are 54 inactive diversion boxes designated as waste piles (S03). A summary of the SST System and corresponding diversion boxes is provided in Table 4. All diversion boxes used within the SST System are inactive and presently are isolated (weather covered). "Isolated' as used here means exterior water intrusion has been restricted.

The maximum process design capacity for waste pile storage at the SST System is approximately 23 kilograms (50 pounds) of waste lead stored in each diversion box (worst-case scenario) accounting for a total of 1,202 kilograms (2,650 pounds) or 0.11 cubic meter (0.14 cubic yard) of waste lead in storage.

See Attachment 1 for detailed listing of tank systems.

IV. DESCRIPTION OF DANGEROUS WASTES

A. Dangerous Waste Number – Enter the digit number from Chapter 173-303 WAC for each listed dangerous waste you will handle. If you handle dangerous wastes which are not listed in Chapter 173-303 WAC, enter the four-digit number(s) that describes the characteristics and/or the toxic contaminants of those dangerous wastes.

B. Estimated Annual Quantity - For each listed waste entered in column A, estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A, estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. Unit of Measure - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate odes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
Pounds	P	Kilograms	K
Tons	T	Metric Tons	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. Processes

1. Process Codes:

   For listed dangerous waste: For each listed dangerous waste entered in column A select the code(s) from the list of process codes contained in Section III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

   For non-listed dangerous wastes: For each characteristic or toxic contaminant entered in Column A, select the code(s) from the list of process codes contained in Section III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed dangerous wastes that possess that characteristic or toxic contaminant.

   Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. Process Description: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

   NOTE: DANGEROUS WASTES DESCRIBED BY MORE THAN ONE DANGEROUS WASTE NUMBER - Dangerous wastes that can be described by more than one Waste Number shall be described on the form as follows:

   1. Select one of the Dangerous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
   2. In column A of the next line enter the other Dangerous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
   3. Repeat step 2 for each other Dangerous Waste Number that can be used to describe the dangerous waste.

   Example for completing Section IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste.

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes				
									1. Process Codes *(enter)*				2. Process Description *(if a code is not entered in D(1))*
X-1	*K*	*0*	*5*	*4*	*900*		*P*		*T03*	*D80*			
X-2	*D*	*0*	*0*	*2*	*400*		*P*		*T03*	*D80*			
X-3	*D*	*0*	*0*	*1*	*100*		*P*		*T03*	*D80*			
X-4	*D*	*0*	*0*	*2*					*T03*	*D80*			*Included with above*

Photocopy this page before completing if you have more than 26 wastes to list.

I.D. Number *(enter from page 1)*	
W A 7 8 9 0 0 0 8 9 6 7	

IV. DESCRIPTION OF DANGEROUS WASTES *(continued)*

Line No.	A. Dangerous Waste No. *(enter code)*				B. Estimated Annual Quantity of Waste	C. Unit of Measure *(enter code)*			D. Processes 1. Process Codes *(enter)*				D. Processes 2. Process Description *(if a code is not entered in D(1))*
1	D	0	0	1	204,116,566		K		S02	T01			Storage-Tank/Treatment-Tank
2	D	0	0	2			K		S02	T01			Storage-Tank/Treatment-Tank
3	D	0	0	3			K		S02	T01			Storage-Tank/Treatment-Tank
4	D	0	0	4			K		S02	T01			Storage-Tank/Treatment-Tank
5	D	0	0	5			K		S02	T01			Storage-Tank/Treatment-Tank
6	D	0	0	6			K		S02	T01			Storage-Tank/Treatment-Tank
7	D	0	0	7			K		S02	T01			Storage-Tank/Treatment-Tank
8	D	0	0	8			K		S02	T01			Storage-Tank/Treatment-Tank
9	D	0	0	9			K		S02	T01			Storage-Tank/Treatment-Tank
10	D	0	1	0			K		S02	T01			Storage-Tank/Treatment-Tank
11	D	0	1	1			K		S02	T01			Storage-Tank/Treatment-Tank
12	D	0	1	8			K		S02	T01			Storage-Tank/Treatment-Tank
13	D	0	1	9			K		S02	T01			Storage-Tank/Treatment-Tank
14	D	0	2	2			K		S02	T01			Storage-Tank/Treatment-Tank
15	D	0	2	8			K		S02	T01			Storage-Tank/Treatment-Tank
16	D	0	2	9			K		S02	T01			Storage-Tank/Treatment-Tank
17	D	0	3	0			K		S02	T01			Storage-Tank/Treatment-Tank
18	D	0	3	3			K		S02	T01			Storage-Tank/Treatment-Tank
19	D	0	3	4			K		S02	T01			Storage-Tank/Treatment-Tank
20	D	0	3	5			K		S02	T01			Storage-Tank/Treatment-Tank
21	D	0	3	6			K		S02	T01			Storage-Tank/Treatment-Tank
22	D	0	3	8			K		S02	T01			Storage-Tank/Treatment-Tank
23	D	0	3	9			K		S02	T01			Storage-Tank/Treatment-Tank
24	D	0	4	0			K		S02	T01			Storage-Tank/Treatment-Tank
25	D	0	4	1			K		S02	T01			Storage-Tank/Treatment-Tank
26	D	0	4	3			K		S02	T01			Storage-Tank/Treatment-Tank
27	W	P	0	1			K		S02	T01			Storage-Tank/Treatment-Tank
28	W	P	0	2			K		S02	T01			Storage-Tank/Treatment-Tank
29	W	T	0	1			K		S02	T01			Storage-Tank/Treatment-Tank
30	W	T	0	2			K		S02	T01			Storage-Tank/Treatment-Tank
31	F	0	0	1			K		S02	T01			Storage-Tank/Treatment-Tank
32	F	0	0	2			K		S02	T01			Storage-Tank/Treatment-Tank
33	F	0	0	3			K		S02	T01			Storage-Tank/Treatment-Tank
34	F	0	0	4			K		S02	T01			Storage-Tank/Treatment-Tank
35	F	0	0	5			K		S02	T01			Storage-Tank/Treatment-Tank
36	D	0	0	8	1,202		K		S03				Storage - Waste Pile
37													
38													
39													
40													
41													
42													

IV. DESCRIPTION OF DANGEROUS WASTE (continued)

E. Use this space to list additional process codes from Section D(1) on page 3.

The mixed waste stored in the SST System was generated by four major chemical reprocessing operations: the bismuth phosphate (BiPo) process, the reduction-oxidation (REDOX) process, the plutonium-uranium extraction (PUREX) process, and the tributyl phosphate (TBP) process.

The dangerous waste numbers listed under the description of dangerous waste are based an a computer model and past process knowledge rather than on chemical analysis of waste. The Estimated Annual Quantity of Dangerous Waste (section IV.B.) listed is 204,116,566 kilograms (450,000,000 pounds) and is based on an average density of the waste calculated from the densities of 26 core samples taken of waste stored in the various SSTs. The average density (1.4 kilograms/liter [12 pounds/gallon]) was multiplied by 139,440,000 liters (36,836,000 gallons) and rounded-up to 204,116,556 kilograms (450,000,000 pounds). The figure 139,440,000 liters (36,836,000 gallons) represents the estimated volume of liquid mixed waste remaining in the SST System.

The quantity of waste lead stored in the diversion boxes is based on previous research of historical records. Because of the radiological hazards associated with individual inspection of the diversion boxes, a quantity of 23 kilograms (50 pounds) of waste lead was estimated for each box. This represents a conservative estimate, as 23 kilograms (50 pounds) is the maximum quantity of waste lead known to be in any one diversion box.

V. FACILITY DRAWING Refer to attached drawing(s).

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS Refer to attached photograph(s).

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION This information is provided on the attached drawings and photos.

LATITUDE *(degrees, minutes, & seconds)*	LONGITUDE *(degrees, minutes, & seconds)*

VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VII on Form 1, "General Information," place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VII on Form 1, complete the following items:

1. Name of Facility's Legal Owner	2. Phone Number *(area code & no.)*

3. Street or P.O. Box	4. City or Town	5. St.	6. Zip Code

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name *(print or type)*	Signature	Date Signed
Keith A. Klein, Manager U.S. Department of Energy		1/14/03
Roy J. Schepens, Manager U.S. Department of Energy	Roy J. Schepens	1/15/03

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name *(Print Or Type)*	Signature	Date Signed
See attachment		

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

1/16/03

Owner/Operator
Keith A. Klein, Manager
U.S. Department of Energy,
Richland Operations Office

Date

1/15/03

Owner/Operator
Roy J. Schepens, Manager
U.S. Department of Energy,
Office of River Protection

Date

1/16/03

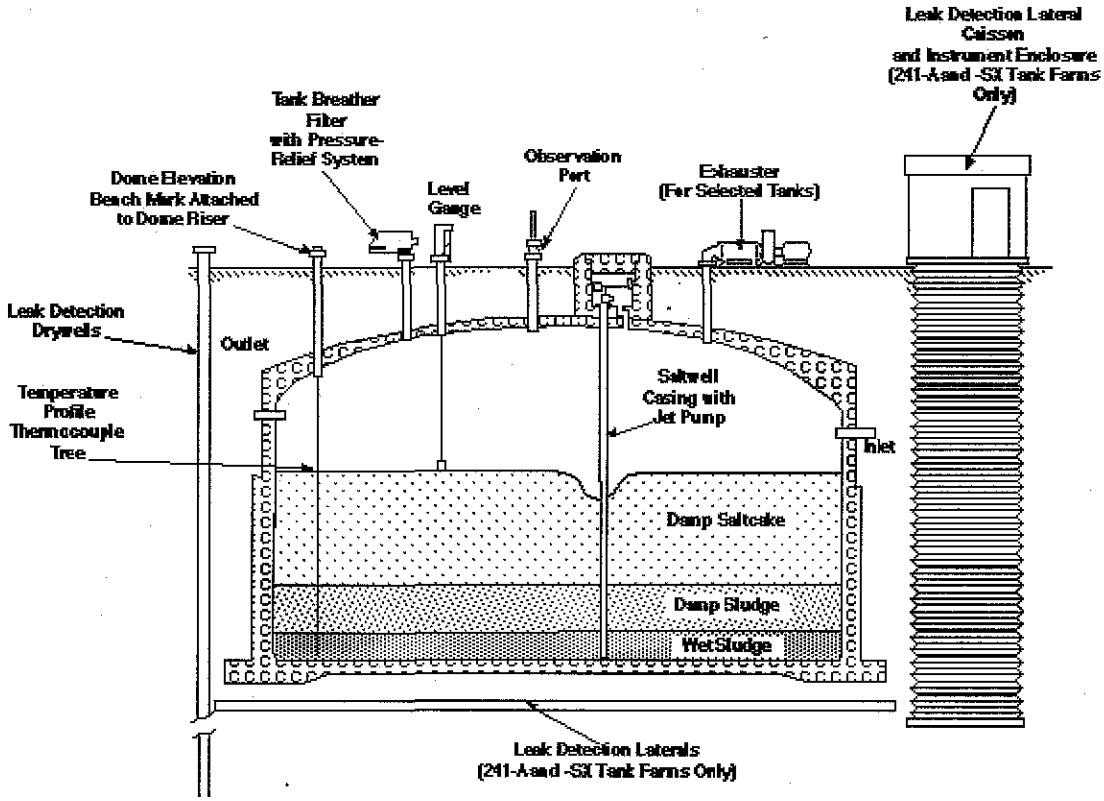
Co-operator
Edward S. Aromi Jr.,
President and General Manager
CH2M HILL Hanford Group, Inc.*

Date

* Co-operator under Department of Energy Office of River Protection Contract #DE-AC27-99RL-14047.

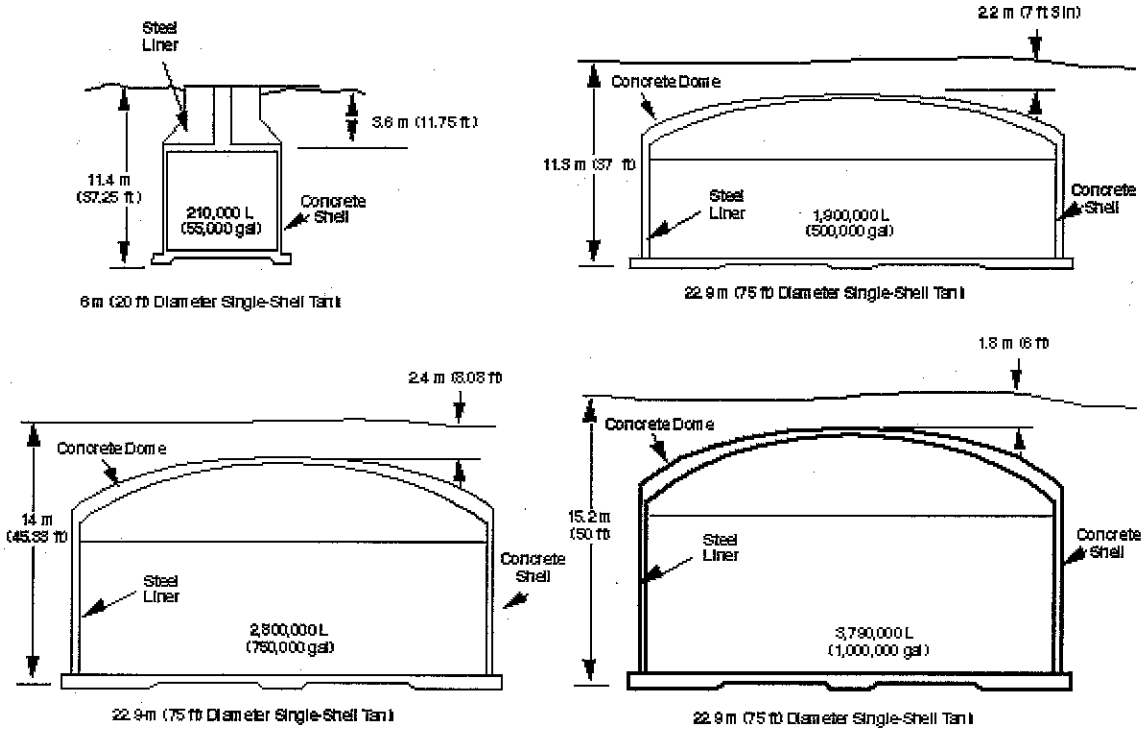
Figures

TYPICAL SINGLE-SHELL TANK



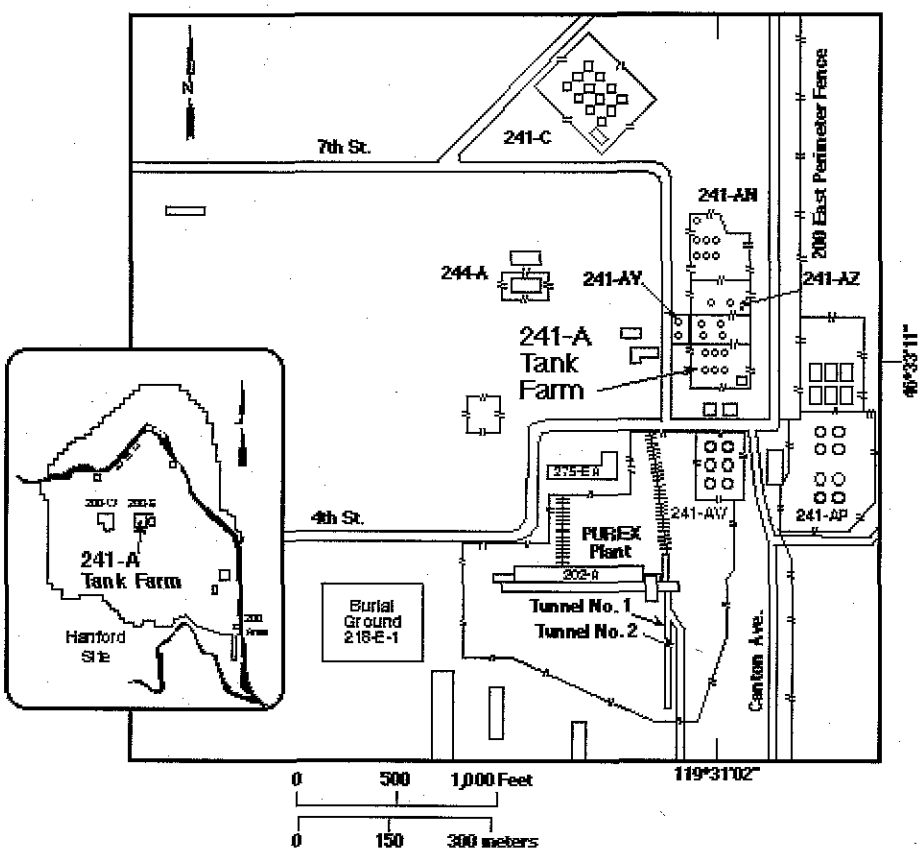
G01060088-4-72

CROSS-SECTIONAL VIEWS OF SINGLE-SHELL TANKS



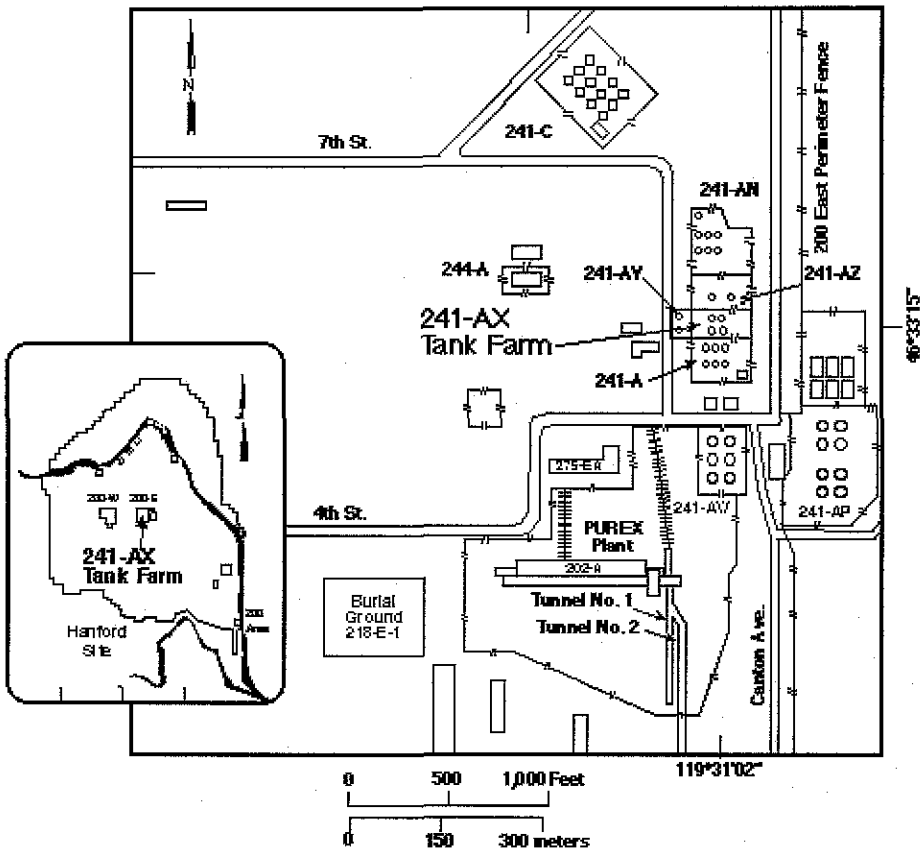
G01060088-1-72

241-A SINGLE-SHELL TANK FARM SITE PLAN



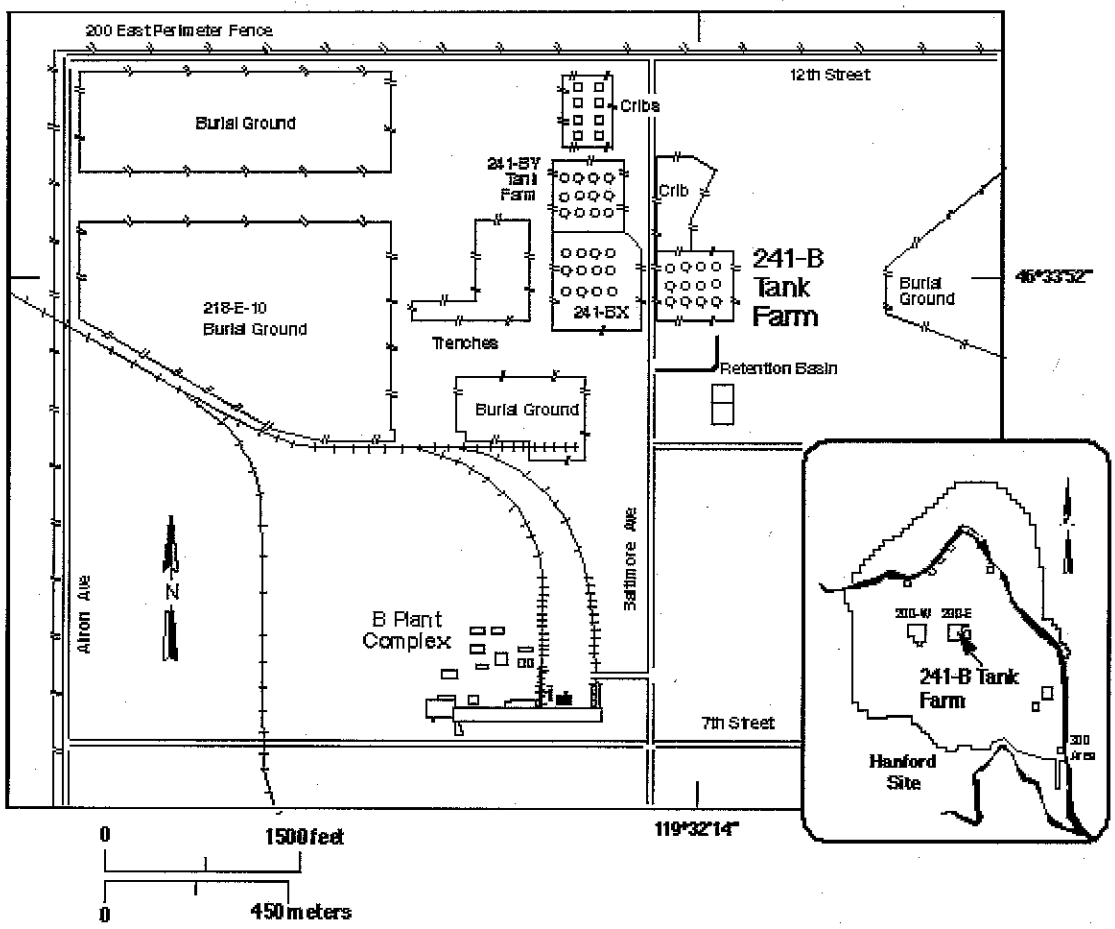
G01060088-6-72

241-AX SINGLE-SHELL TANK FARM SITE PLAN



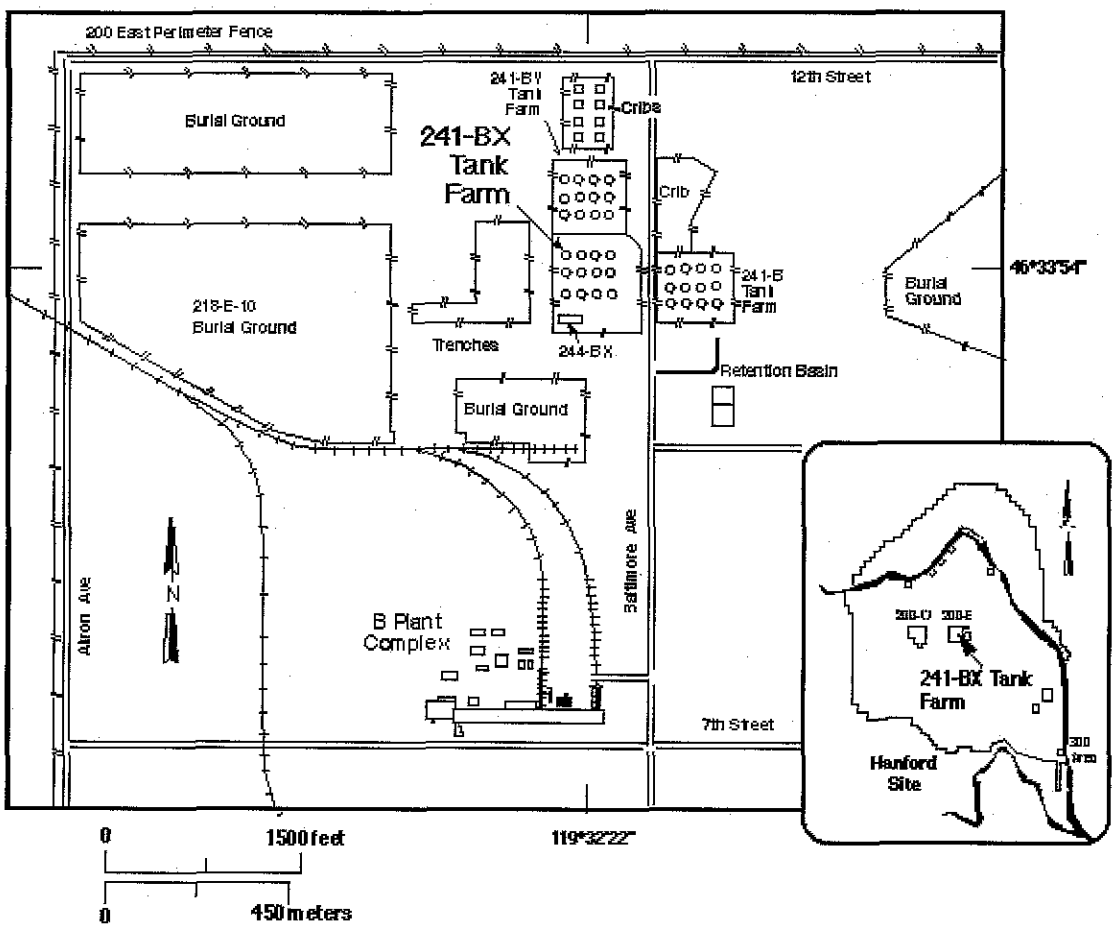
G01060088-7-72

241-B SINGLE-SHELL TANK FARM SITE PLAN



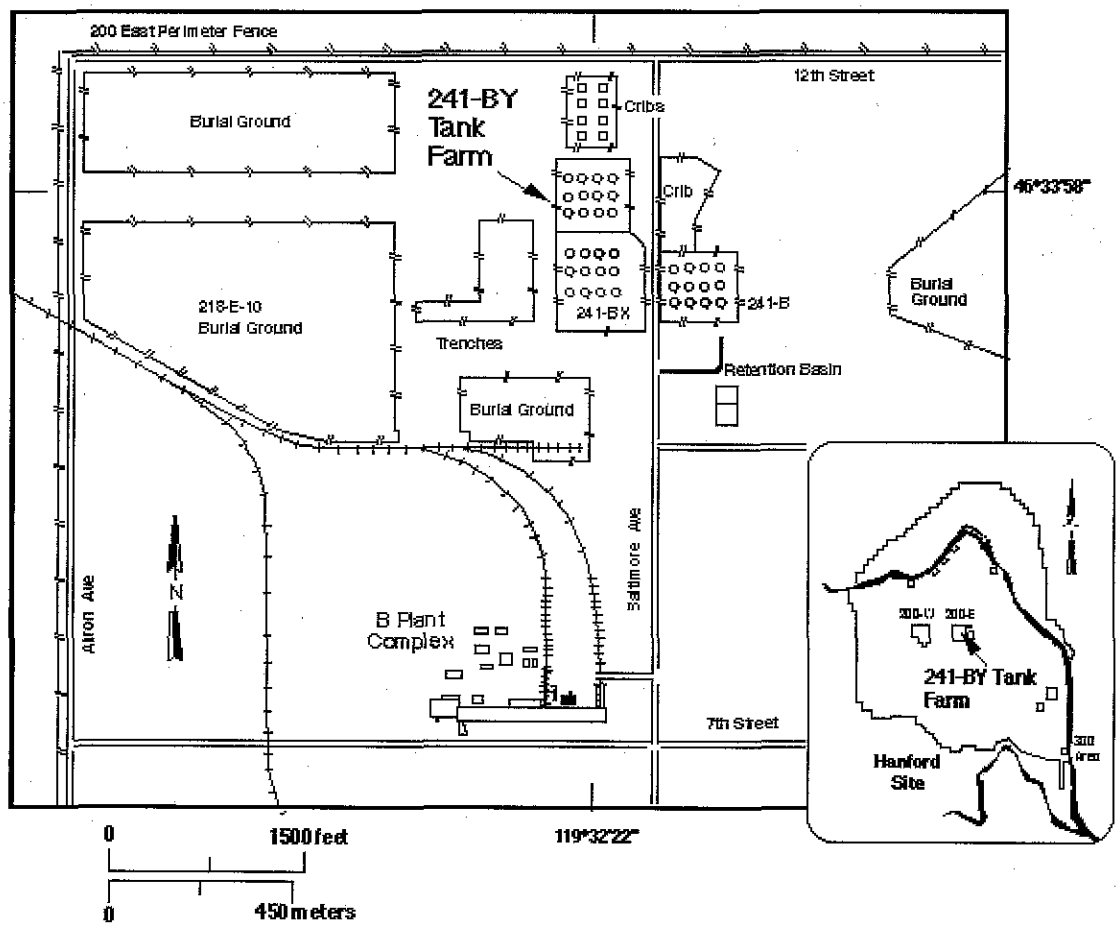
G01060088-18-72

241-BX SINGLE-SHELL TANK FARM SITE PLAN



G01060088-19-72

241-BY SINGLE-SHELL TANK FARM SITE PLAN



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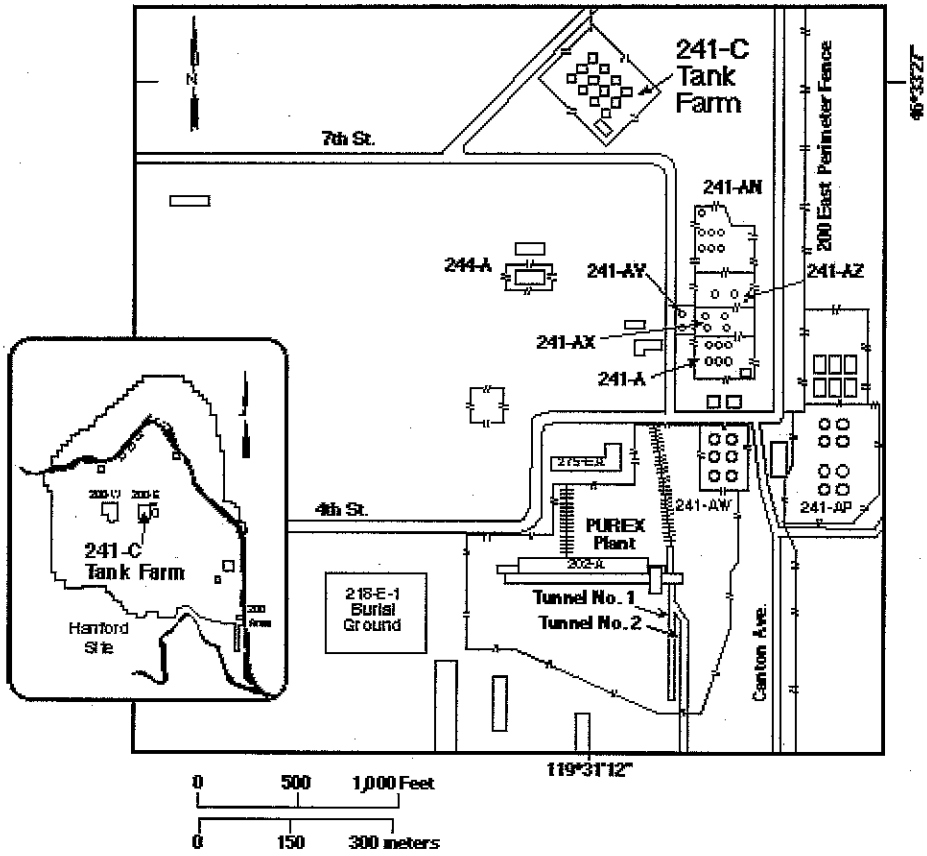
241-C SINGLE-SHELL TANK FARM SITE PLAN



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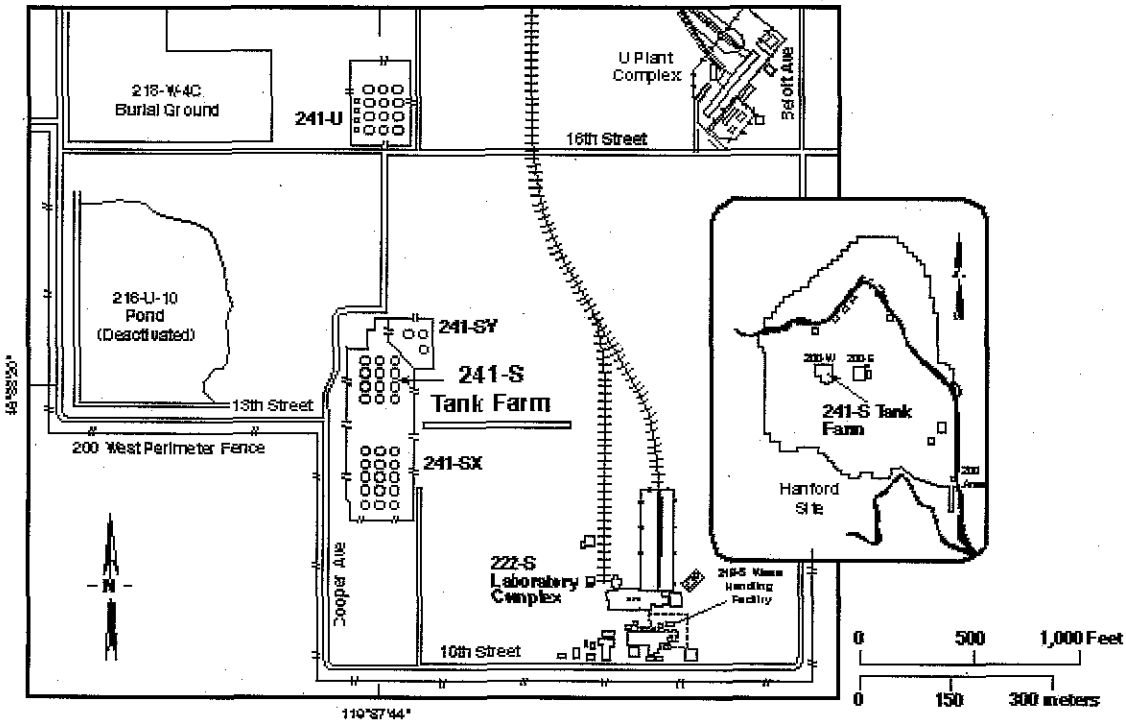
241-S SINGLE-SHELL TANK FARM SITE PLAN



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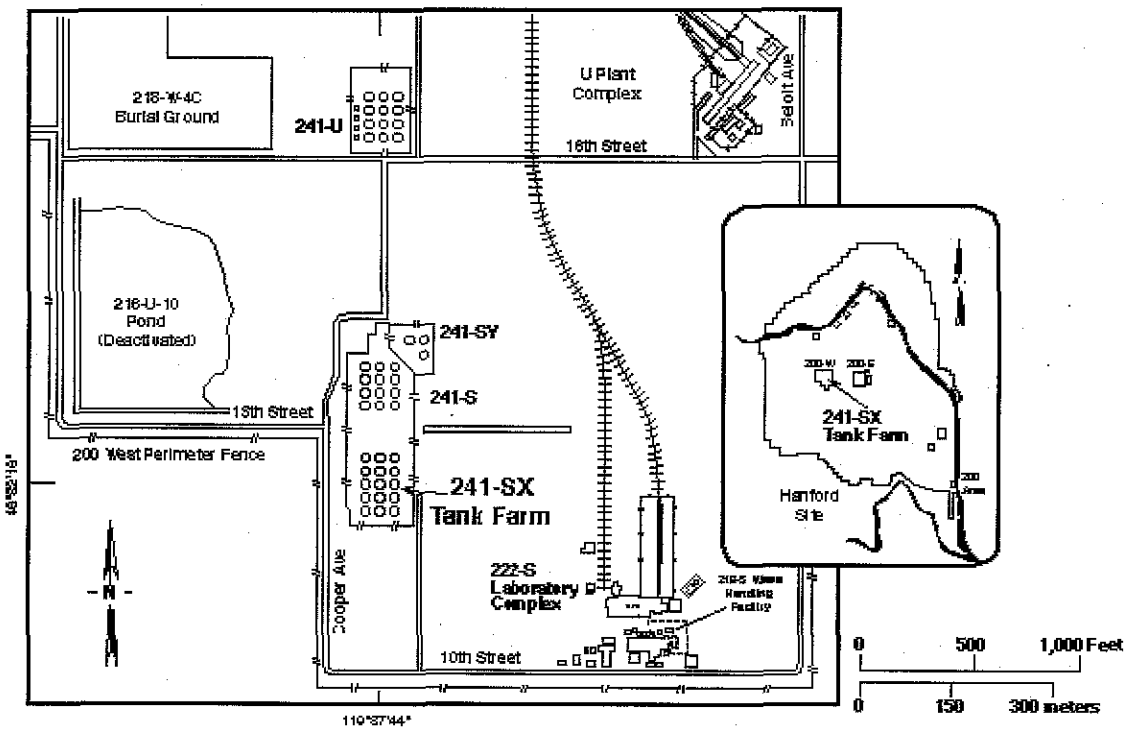
241-SX SINGLE-SHELL TANK FARM SITE PLAN



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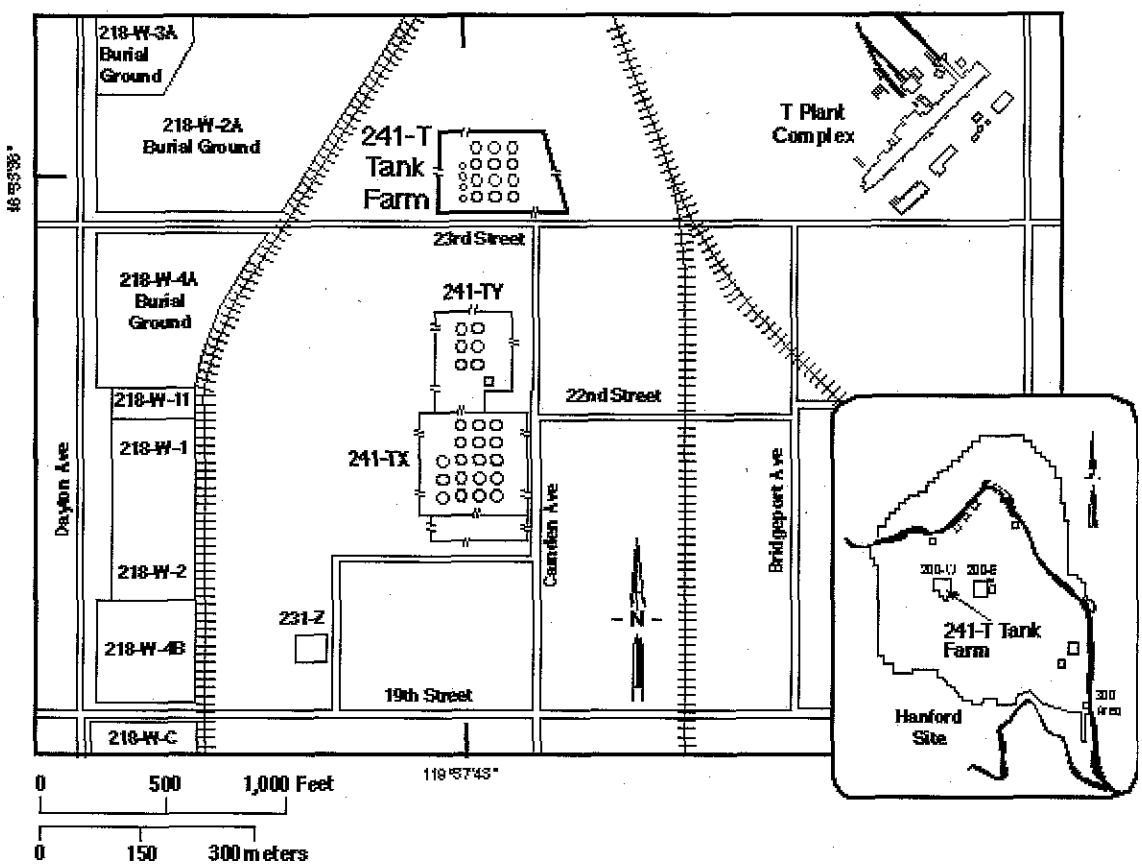
241-T SINGLE-SHELL TANK FARM SITE PLAN



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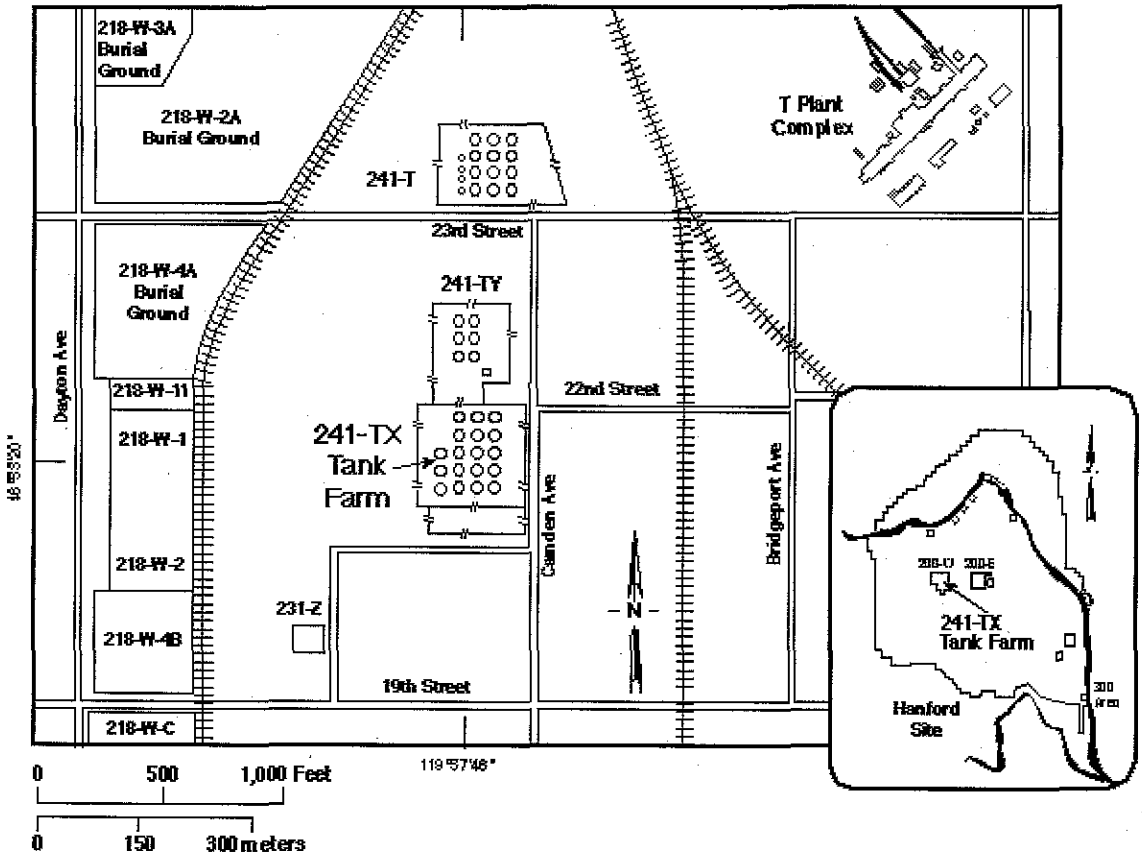
241-TX SINGLE-SHELL TANK FARM SITE PLAN



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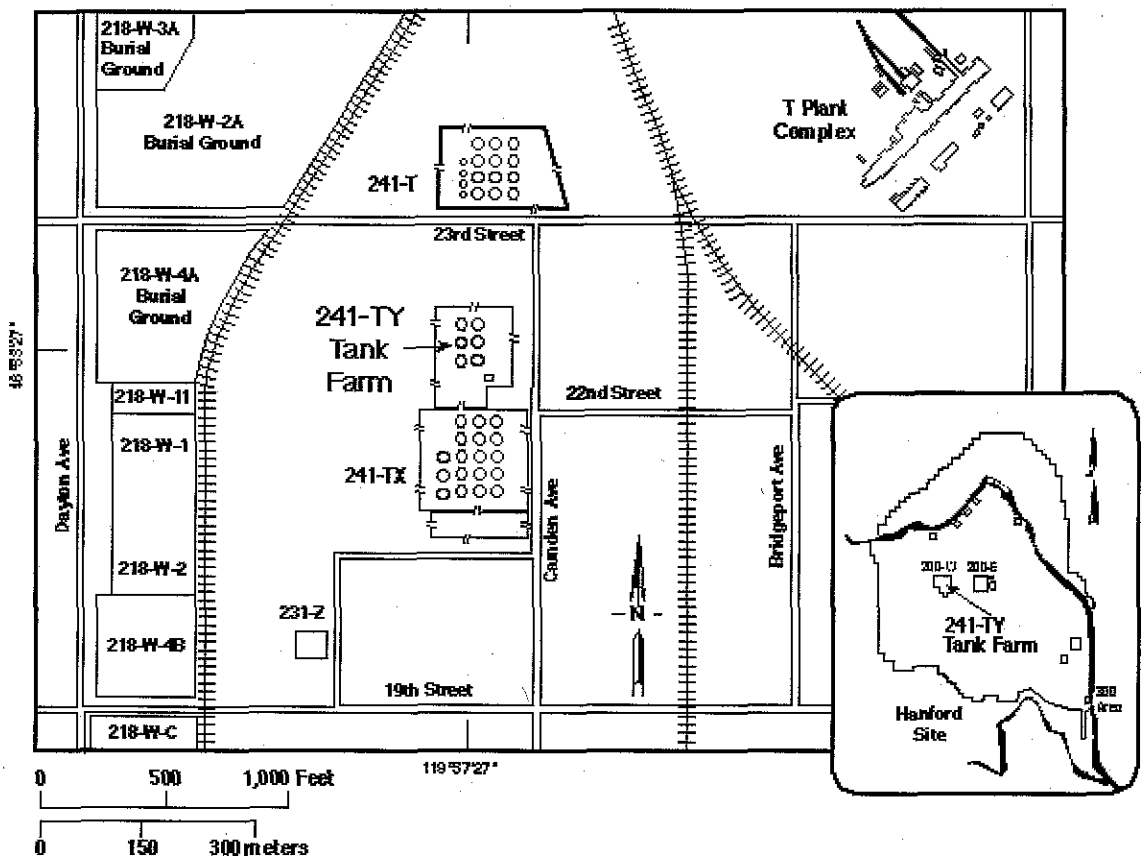
241-TY SINGLE-SHELL TANK FARM SITE PLAN



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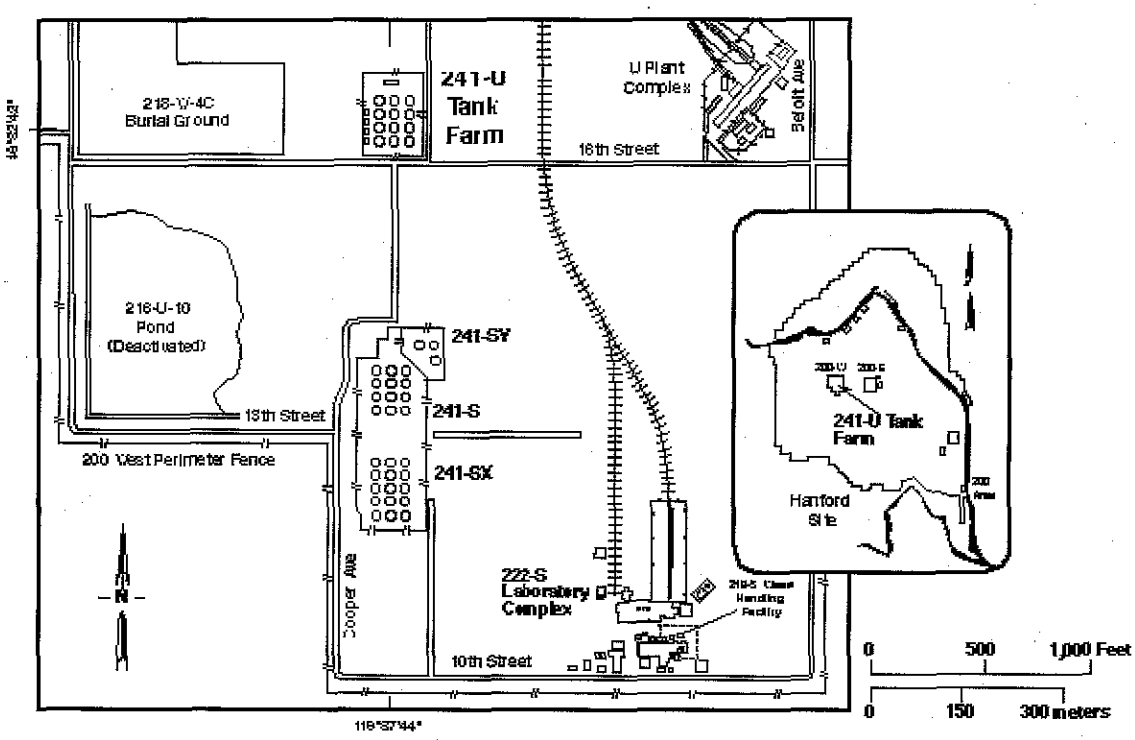

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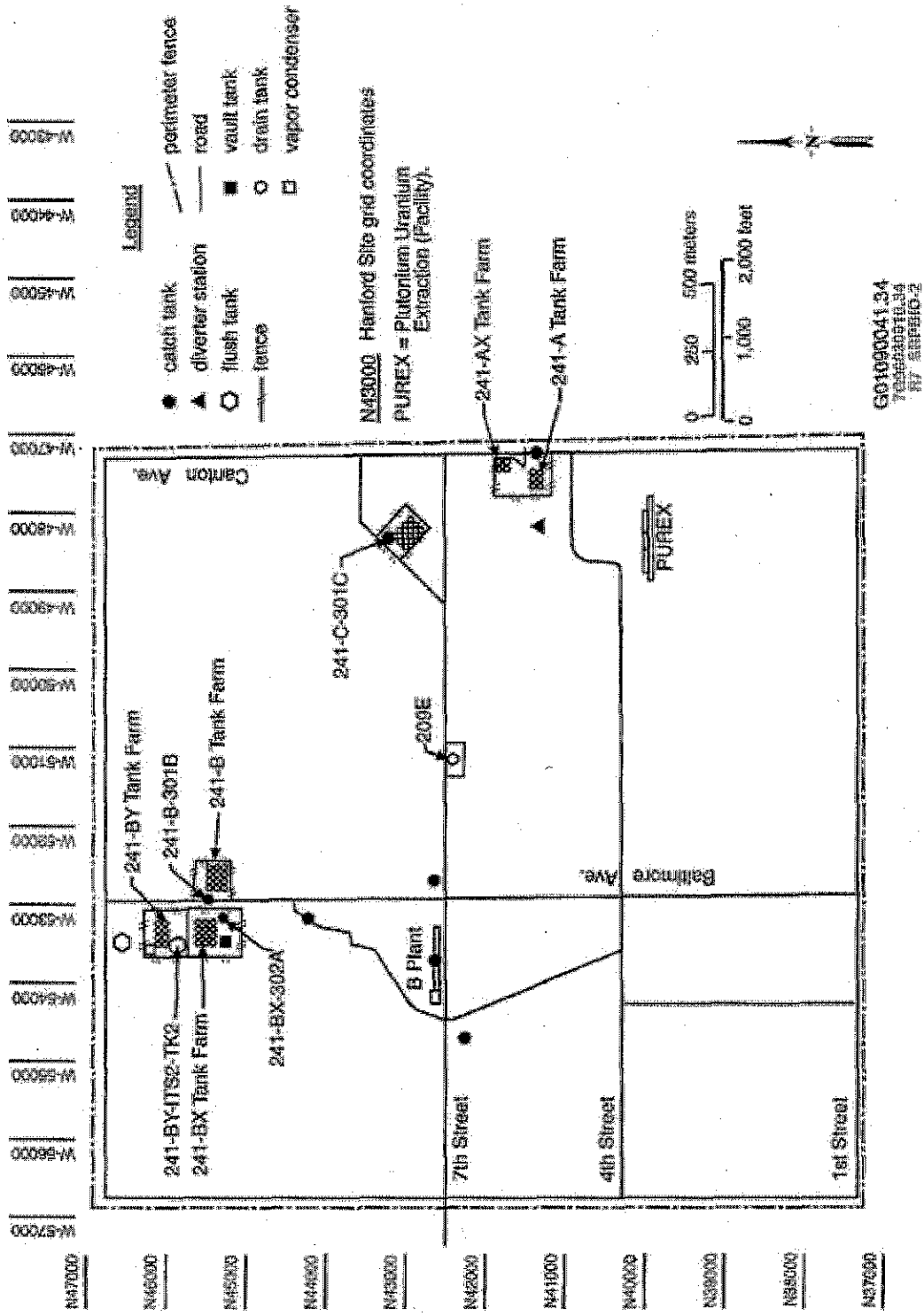
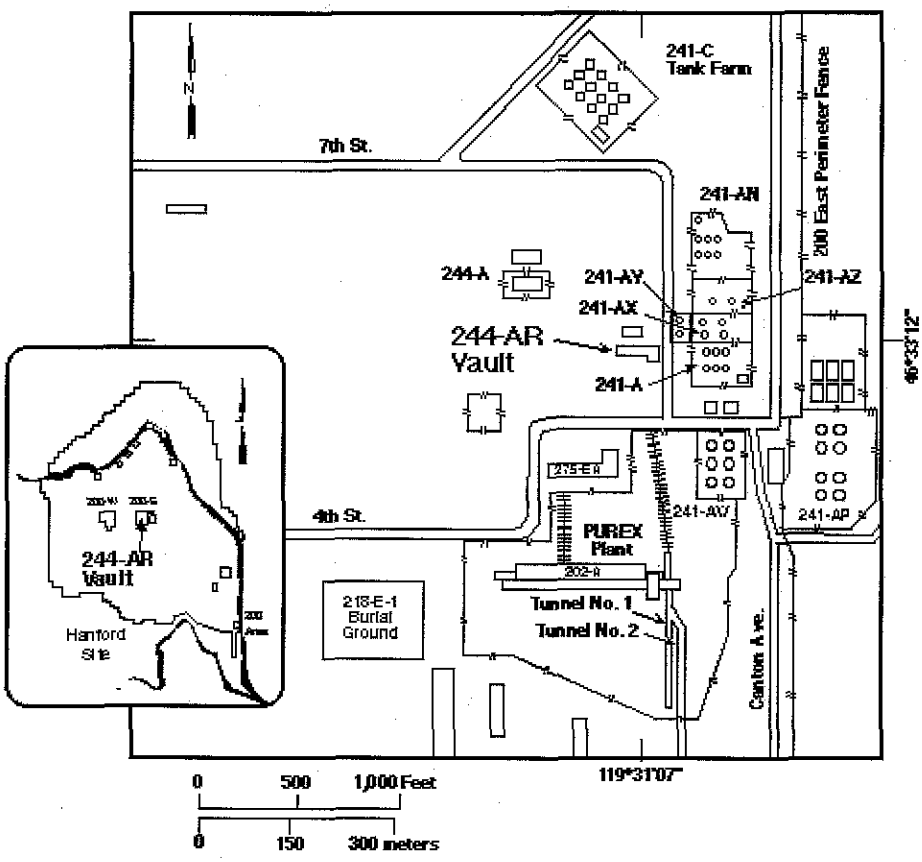
200 EAST MISCELLANEOUS UNDERGROUND STORAGE TANKS SITE PLAN



G01090041.34

244-AR VAULT SITE PLAN



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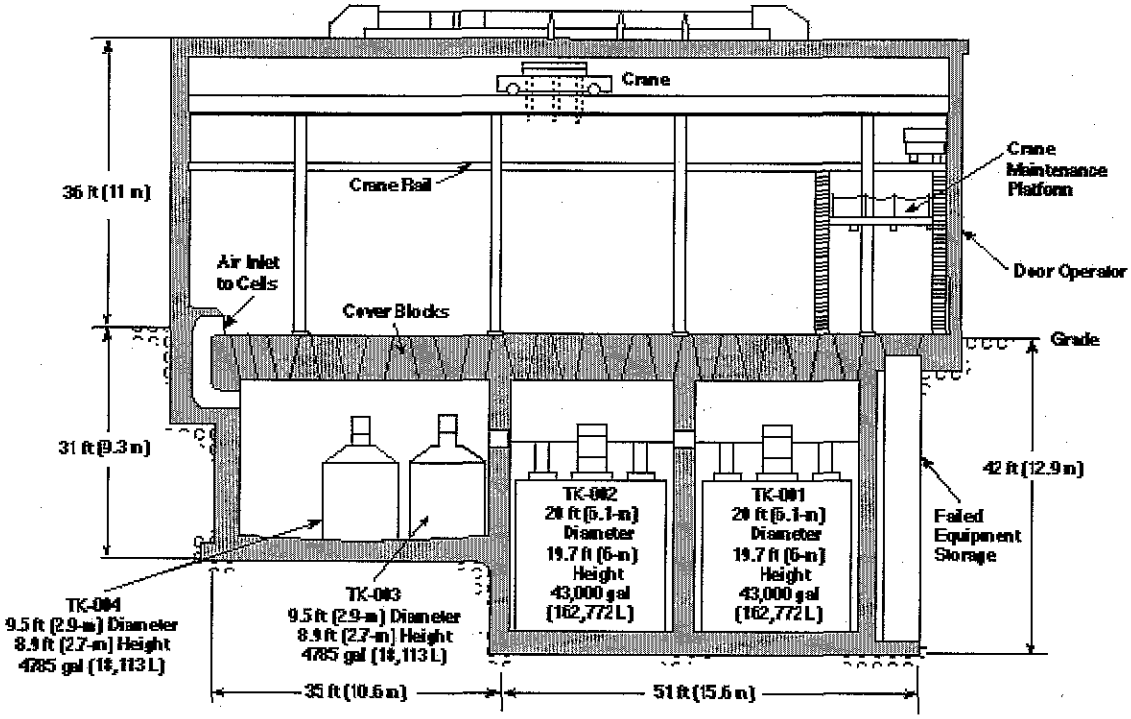
244-AR VAULT



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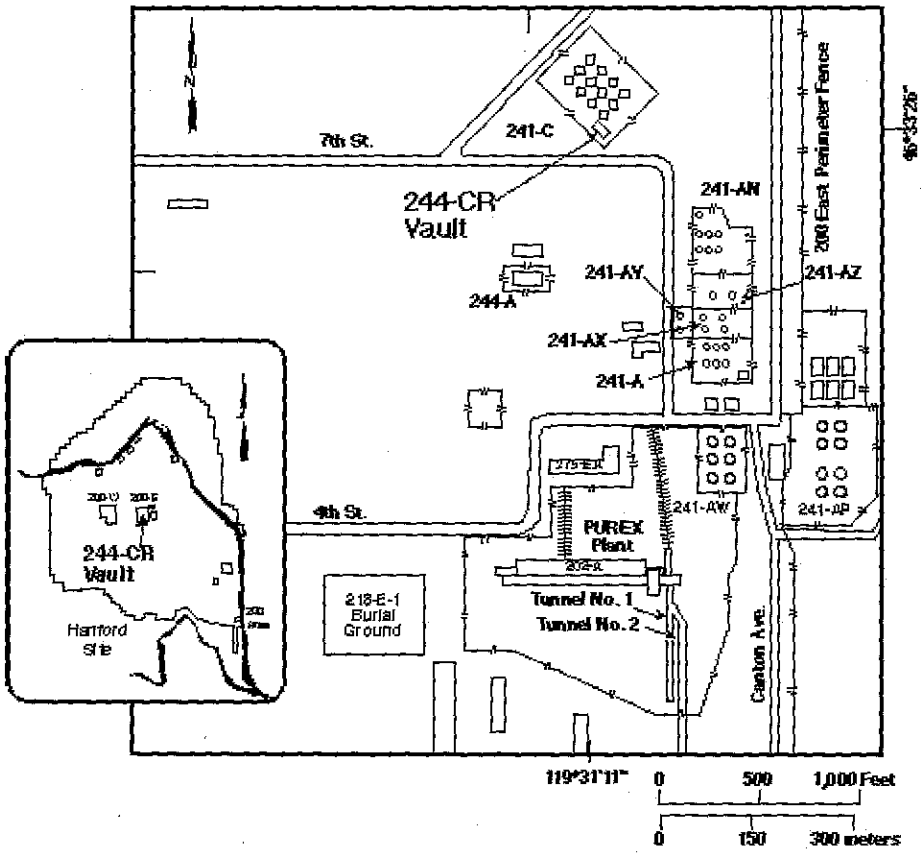
244-CR VAULT SITE PLAN



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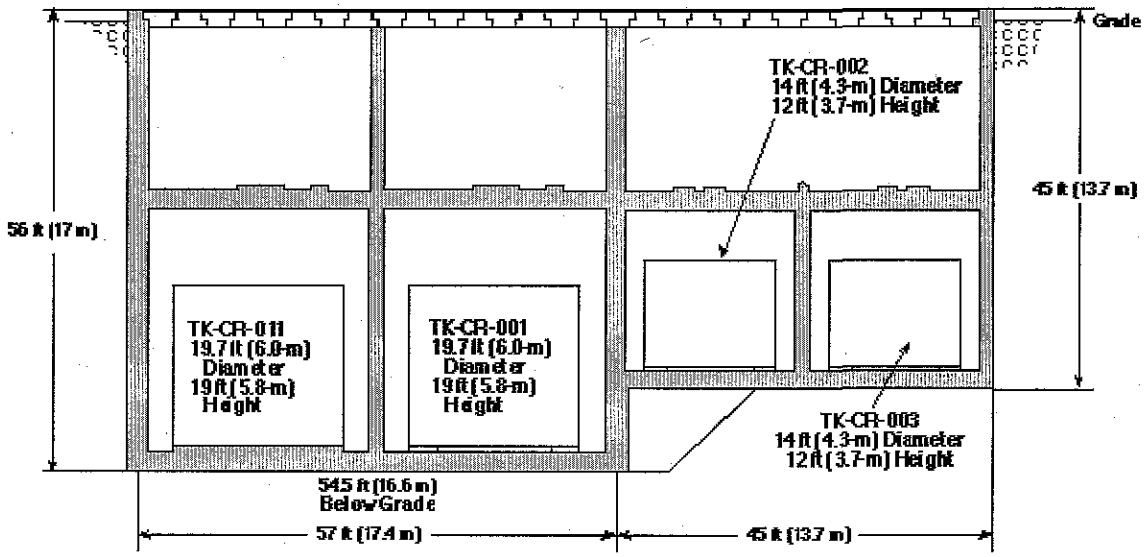
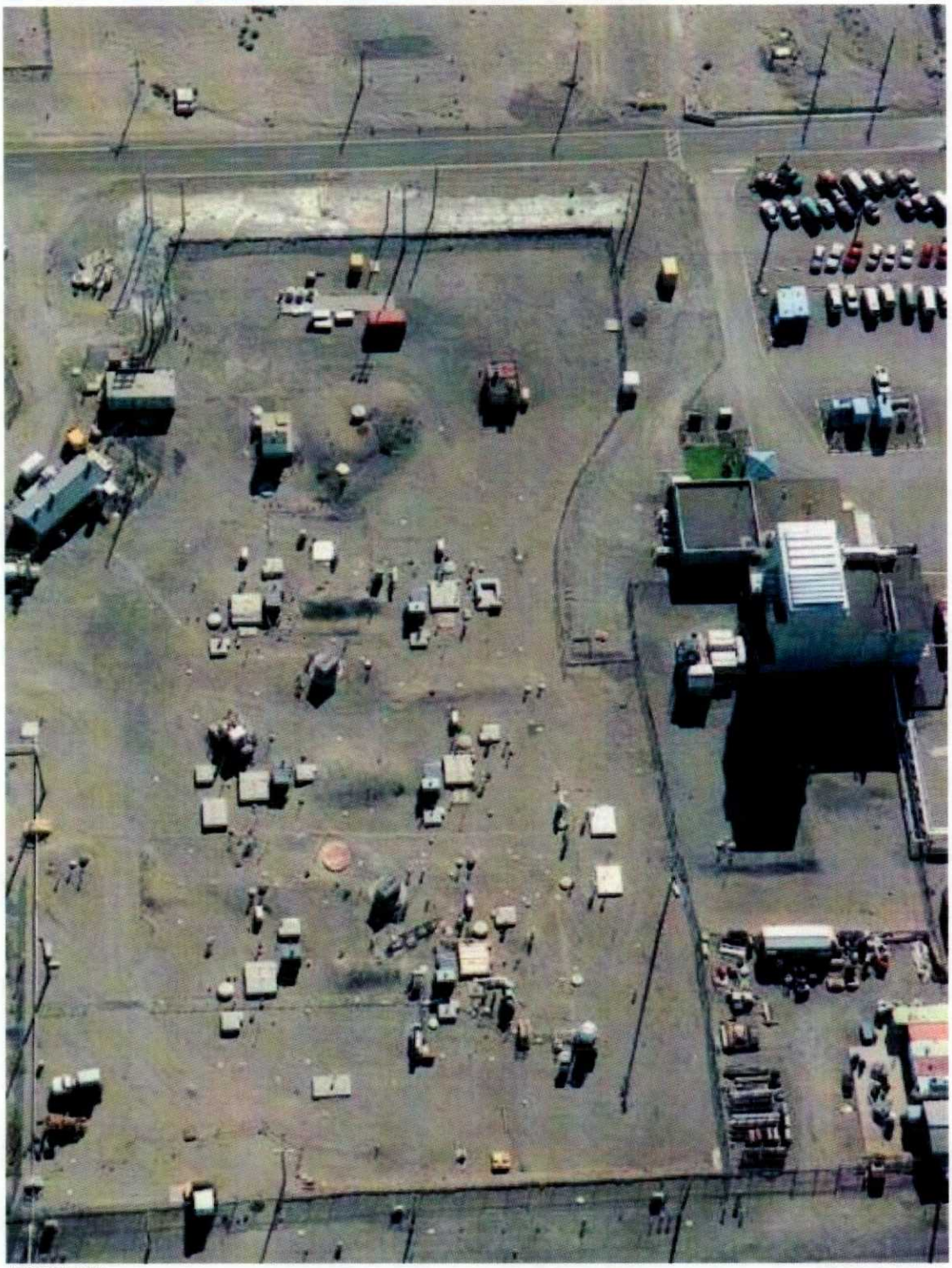
244-CR VAULT



G01060088-2-72

241-A SINGLE-SHELL TANK FARMS



46°33'11"
119°31'02"

00080128-19CN
(PHOTO TAKEN 2000)

241-AX SINGLE-SHELL TANK FARM

46°33'15"
119°31'02"

01050061-43CN
(PHOTO TAKEN 2000)

241-B SINGLE-SHELL TANK FARM

46°33'52"
119°32'14"

00060195-47CN
(PHOTO TAKEN 2000)

241-BX SINGLE-SHELL TANK FARM

46°33'54"
119°32'22"

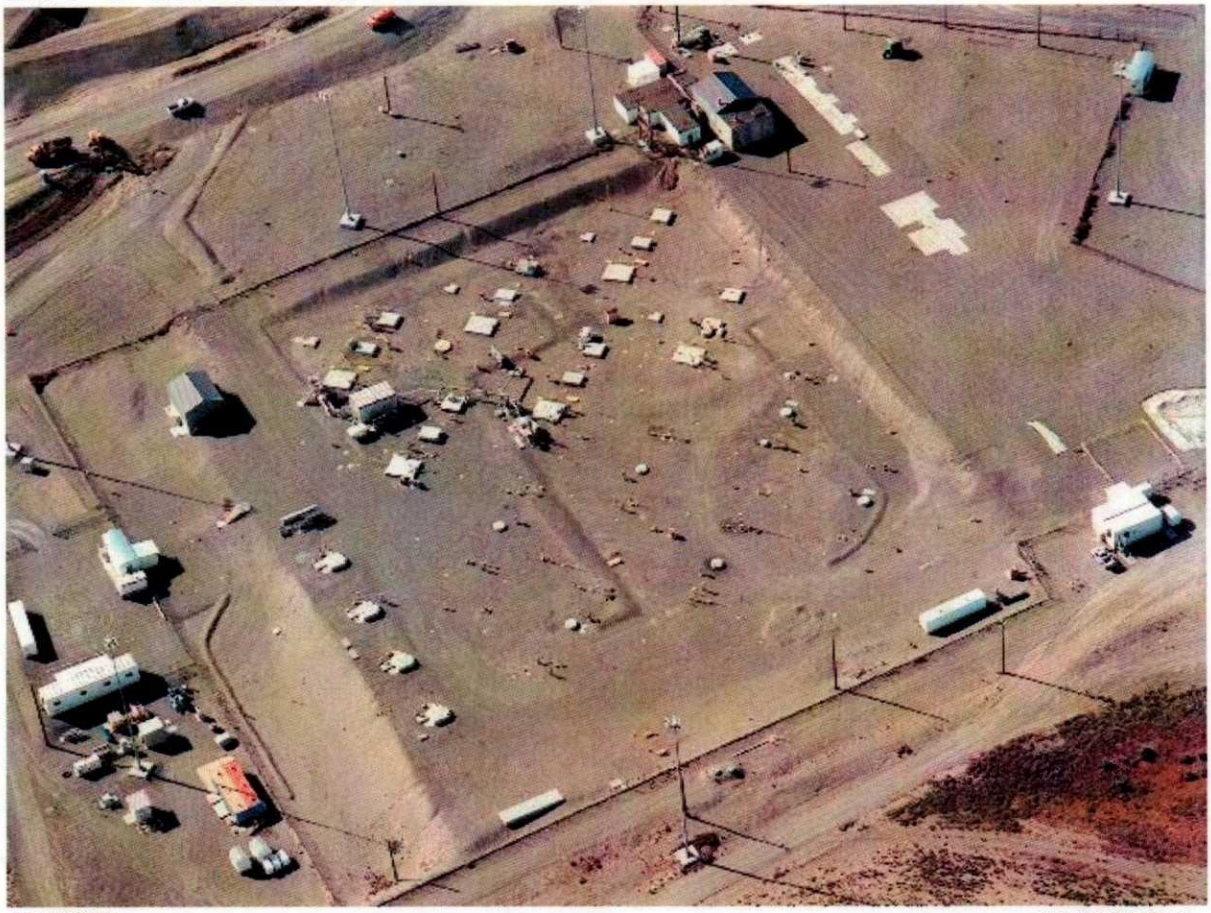
00060195-51CN
(PHOTO TAKEN 2000)

241-BY SINGLE-SHELL TANK FARM

46°33'58"
119°32'22"

00060195-52CN
(PHOTO TAKEN 2000)

241-C SINGLE-SHELL TANK FARM



46°33'27"
119°31'12"

01050061-30CN
(PHOTO TAKEN 2000)

241-S SINGLE-SHELL TANK FARM

46°33'20"
119°37'44"

0040208-18CN
(PHOTO TAKEN 2000)

241-SX SINGLE-SHELL TANK FARM

46°32'16"
119°37'44"

00040208-17CN
(PHOTO TAKEN 2000)

241-T SINGLE-SHELL TANK FARM

46°33'36"
119°37'43"

00040208-22CN
(PHOTO TAKEN 2000)

241-TX SINGLE-SHELL TANK FARM

46°33'20"
119°37'46"

00040208-20CN
(PHOTO TAKEN 2000)

241-TY SINGLE-SHELL TANK FARM

46°33'27"
119°37'27"

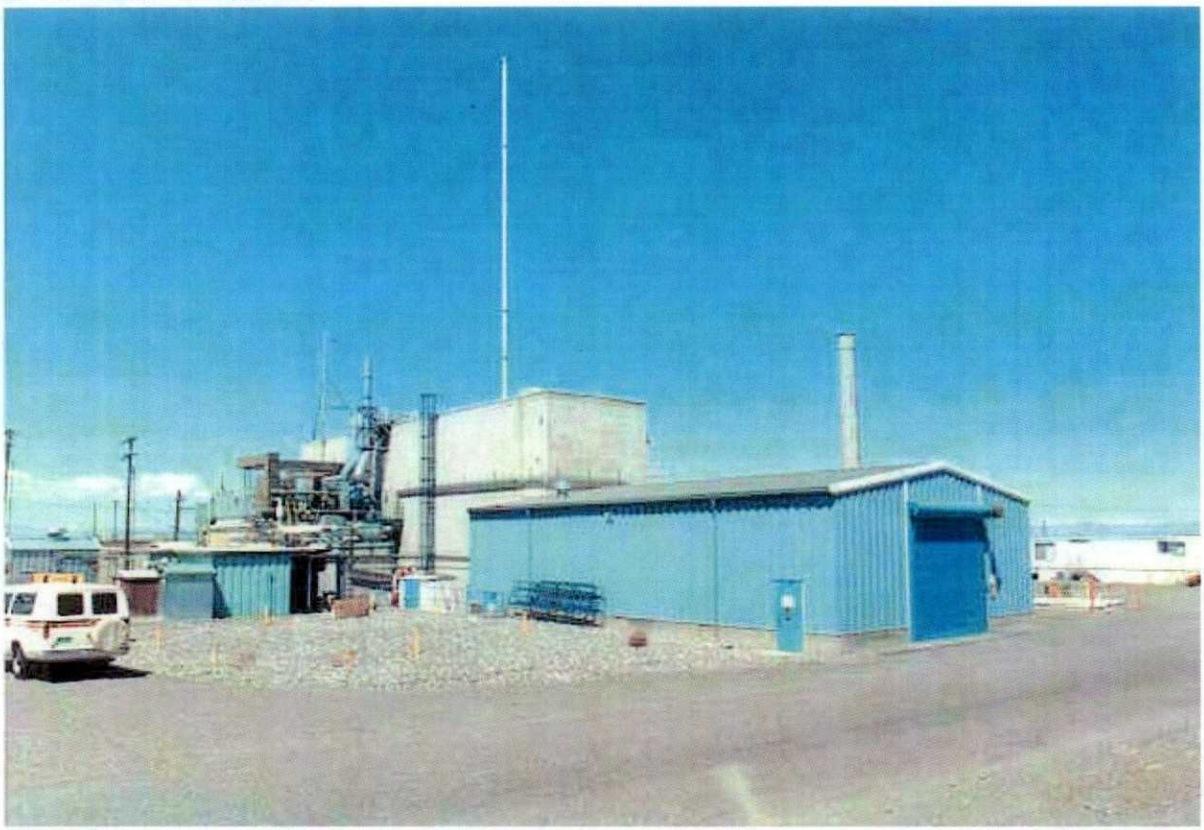
00040208-21CN
(PHOTO TAKEN 2000)

241-U SINGLE-SHELL TANK FARM

46°32'42"
119°37'44"

00040208-19CN
(PHOTO TAKEN 2000)

244-AR VAULT



46°33'12"
119°31'07"

8704135-16CN
(PHOTO TAKEN 1987)

244-CR VAULT

46°33'26"
119°31'11"

8704135-14CN
(PHOTO TAKEN 1987)

241-AX-151 CATCH TANK

G01090041.2

Attachment 1

The following tables define the Single-Shell Tank (SST) System. These tables contain lists of SSTs, Waste Transfer Vaults, Inactive Miscellaneous Underground Storage Tanks, Diversion Boxes, Valve Pits, SST Flush Pits, and SST Transfer Lines. Excluded from these tables are items that are covered in Hanford Federal Facility Agreement and Consent Order 89-10 Revision 5, Appendix C. These are past-practice units as defined in the TPA Action Plan, Section 3.2 and are "not subject to regulation as a Treatment, Storage, and Disposal (TSD) unit."

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Attachment 1

Table 1 - Single Shell Tank Summary

Tank Number	Year of Construction	Year Removed from Service[1]	Operating Capacity (Liters)
241-A-101	1954-1955	1980	3,785,400
241-A-102	1954-1955	1980	3,785,400
241-A-103	1954-1955	1980	3,785,400
241-A-104	1954-1955	1975	3,785,400
241-A-105	1954-1955	1963	3,785,400
241-A-106	1954-1955	1980	3,785,400
241-AX-101	1963-1964	1980	3,785,400
241-AX-102	1963-1964	1980	3,785,400
241-AX-103	1963-1964	1980	3,785,400
241-AX-104	1963-1964	1978	3,785,400
241-B-101	1943-1944	1974	1,892,700
241-B-102	1943-1944	1978	1,892,700
241-B-103	1943-1944	1977	1,892,700
241-B-104	1943-1944	1972	1,892,700
241-B-105	1943-1944	1972	1,892,700
241-B-106	1943-1944	1977	1,892,700
241-B-107	1943-1944	1969	1,892,700
241-B-108	1943-1944	1977	1,892,700
241-B-109	1943-1944	1977	1,892,700
241-B-110	1943-1944	1971	1,892,700
241-B-111	1943-1944	1976	1,892,700
241-B-112	1943-1944	1977	1,892,700
241-B-201	1943-1944	1971	208,197
241-B-202	1943-1944	1977	208,197
241-B-203	1943-1944	1977	208,197
241-B-204	1943-1944	1977	208,197
241-BX-101	1946-1947	1972	1,892,700
241-BX-102	1946-1947	1971	1,892,700
241-BX-103	1946-1947	1977	1,892,700
241-BX-104	1946-1947	1980	1,892,700
241-BX-105	1946-1947	1980	1,892,700
241-BX-106	1946-1947	1971	1,892,700
241-BX-107	1946-1947	1977	1,892,700
241-BX-108	1946-1947	1974	1,892,700
241-BX-109	1946-1947	1974	1,892,700
241-BX-110	1946-1947	1977	1,892,700
241-BX-111	1946-1947	1977	1,892,700
241-BX-112	1946-1947	1977	1,892,700

Attachment 1

Table 1 - Single Shell Tank Summary

Tank Number	Year of Construction	Year Removed from Service[1]	Operating Capacity (Liters)
241-BY-101	1948-1949	1971	2,839,050
241-BY-102	1948-1949	1977	2,839,050
241-BY-103	1948-1949	1973	2,839,050
241-BY-104	1948-1949	1977	2,839,050
241-BY-105	1948-1949	1974	2,839,050
241-BY-106	1948-1949	1977	2,839,050
241-BY-107	1948-1949	1974	2,839,050
241-BY-108	1948-1949	1972	2,839,050
241-BY-109	1948-1949	1979	2,839,050
241-BY-110	1948-1949	1979	2,839,050
241-BY-111	1948-1949	1977	2,839,050
241-BY-112	1948-1949	1978	2,839,050
241-C-101	1943-1944	1970	1,892,700
241-C-102	1943-1944	1976	1,892,700
241-C-103	1943-1944	1979	1,892,700
241-C-104	1943-1944	1980	1,892,700
241-C-105	1943-1944	1979	1,892,700
241-C-106	1943-1944	1979	1,892,700
241-C-107	1943-1944	1978	1,892,700
241-C-108	1943-1944	1976	1,892,700
241-C-109	1943-1944	1976	1,892,700
241-C-110	1943-1944	1976	1,892,700
241-C-111	1943-1944	1978	1,892,700
241-C-112	1943-1944	1976	1,892,700
241-C-201	1943-1944	1977	208,197
241-C-202	1943-1944	1977	208,197
241-C-203	1943-1944	1977	208,197
241-C-204	1943-1944	1977	208,197
241-S-101	1950-1951	1980	2,839,050
241-S-102	1950-1951	1980	2,839,050
241-S-103	1950-1951	1980	2,839,050
241-S-104	1950-1951	1968	2,839,050
241-S-105	1950-1951	1974	2,839,050
241-S-106	1950-1951	1979	2,839,050
241-S-107	1950-1951	1980	2,839,050
241-S-108	1950-1951	1979	2,839,050
241-S-109	1950-1951	1979	2,839,050
241-S-110	1950-1951	1979	2,839,050
241-S-111	1950-1951	1972	2,839,050
241-S-112	1950-1951	1974	2,839,050

Attachment 1

Table 1 - Single Shell Tank Summary

Tank Number	Year of Construction	Year Removed from Service[1]	Operating Capacity (Liters)
241-SX-101	1953-1954	1980	3,785,400
241-SX-102	1953-1954	1980	3,785,400
241-SX-103	1953-1954	1980	3,785,400
241-SX-104	1953-1954	1980	3,785,400
241-SX-105	1953-1954	1980	3,785,400
241-SX-106	1953-1954	1980	3,785,400
241-SX-107	1953-1954	1964	3,785,400
241-SX-108	1953-1954	1962	3,785,400
241-SX-109	1953-1954	1965	3,785,400
241-SX-110	1953-1954	1976	3,785,400
241-SX-111	1953-1954	1974	3,785,400
241-SX-112	1953-1954	1969	3,785,400
241-SX-113	1953-1954	1958	3,785,400
241-SX-114	1953-1954	1972	3,785,400
241-SX-115	1953-1954	1965	3,785,400
241-T-101	1943-1944	1979	1,892,700
241-T-102	1943-1944	1976	1,892,700
241-T-103	1943-1944	1974	1,892,700
241-T-104	1943-1944	1974	1,892,700
241-T-105	1943-1944	1976	1,892,700
241-T-106	1943-1944	1973	1,892,700
241-T-107	1943-1944	1976	1,892,700
241-T-108	1943-1944	1974	1,892,700
241-T-109	1943-1944	1974	1,892,700
241-T-110	1943-1944	1976	1,892,700
241-T-111	1943-1944	1974	1,892,700
241-T-112	1943-1944	1977	1,892,700
241-T-201	1943-1944	1976	208,197
241-T-202	1943-1944	1976	208,197
241-T-203	1943-1944	1976	208,197
241-T-204	1943-1944	1976	208,197
241-TX-101	1947-1948	1980	2,839,050
241-TX-102	1947-1948	1977	2,839,050
241-TX-103	1947-1948	1980	2,839,050
241-TX-104	1947-1948	1977	2,839,050
241-TX-105	1947-1948	1977	2,839,050
241-TX-106	1947-1948	1977	2,839,050
241-TX-107	1947-1948	1977	2,839,050
241-TX-108	1947-1948	1977	2,839,050
241-TX-109	1947-1948	1977	2,839,050
241-TX-110	1947-1948	1977	2,839,050

Attachment 1

Table 1 - Single Shell Tank Summary

Tank Number	Year of Construction	Year Removed from Service[1]	Operating Capacity (Liters)
241-TX-111	1947-1948	1977	2,839,050
241-TX-112	1947-1948	1974	2,839,050
241-TX-113	1947-1948	1971	2,839,050
241-TX-114	1947-1948	1971	2,839,050
241-TX-115	1947-1948	1977	2,839,050
241-TX-116	1947-1948	1969	2,839,050
241-TX-117	1947-1948	1969	2,839,050
241-TX-118	1947-1948	1980	2,839,050
241-TY-101	1951-1952	1973	2,839,050
241-TY-102	1951-1952	1979	2,839,050
241-TY-103	1951-1952	1973	2,839,050
241-TY-104	1951-1952	1974	2,839,050
241-TY-105	1951-1952	1980	2,839,050
241-TY-106	1951-1952	1959	2,839,050
241-U-101	1943-1944	1960	1,892,700
241-U-102	1943-1944	1979	1,892,700
241-U-103	1943-1944	1978	1,892,700
241-U-104	1943-1944	1951	1,892,700
241-U-105	1943-1944	1978	1,892,700
241-U-106	1943-1944	1977	1,892,700
241-U-107	1943-1944	1980	1,892,700
241-U-108	1943-1944	1979	1,892,700
241-U-109	1943-1944	1978	1,892,700
241-U-110	1943-1944	1975	1,892,700
241-U-111	1943-1944	1980	1,892,700
241-U-112	1943-1944	1970	1,892,700
241-U-201	1943-1944	1977	208,197
241-U-202	1943-1944	1977	208,197
241-U-203	1943-1944	1977	208,197
241-U-204	1943-1944	1977	208,197

[1]*The last year the Tank was capable of receiving waste; actual date of last waste receipt might have been earlier.*

Attachment 1

Table 2 - Waste Transfer Vaults

Tank Number	Year of Construction	Year Removed from Service[1]	Operating Capacity (Liters)
244-AR-001	1976	NA	162,970
244-AR-002	1976	NA	162,970
244-AR-003	1976	NA	17,813
244-AR-004	1976	NA	17,813
244-CR-001	1946	1988	189,500
244-CR-002	1946	1988	56,850
244-CR-003	1946	1988	56,850
244-CR-011	1946	1988	189,500

[1]The last year the Tank was capable of receiving waste; actual date of last waste receipt might have been earlier.
N/A = information not available

Table 3 - Inactive Miscellaneous Underground Storage Tanks

Tank Number[1]	Year of Construction	Year Removed from Service[2]	Operating Capacity (Liters)
241-AX-151-CT	1960	1985	41,690
241-BY-ITS2-Tank-2	1959	1977	10,233

[1]aka denotes other names Tanks have been referred to in the past.
[2]The last year the Tank was capable of receiving waste; actual date of last waste receipt might have been earlier.

Table 4 - Single Shell Tank System Diversion Box Matrix

Unit	SSTs	Diversion box	Construction date
A	241-A-101 through 241-A-106	241-A-152 (inactive)	1955
	241-AX-101 through 241-AX-104	241-A-153 (inactive)	1966
		241-AX-151 (inactive)	1963
		241-AX-152	1963
		241-AX-155	1983
B	241-B-101 through 241-B-112	241-B-151 (inactive)	1951
	241-B-201 through 241-B-204	241-B-152 (inactive)	1951
	241-BX-101 through 241-BX-112	241-B-153 (inactive)	1951
		241-B-252 (inactive)	1951
		241-BR-152 (inactive)	1952
		241-BX-153 (inactive)	1951
		241-BXR-151 (inactive)	1952
		241-BXR-152 (inactive)	1952
		241-BXR-153 (inactive)	1952
		241-BYR-152 (inactive)	1952
		241-BYR-153 (inactive)	1952
		241-BYR-154 (inactive)	1952

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Table 4 - Single Shell Tank System Diversion Box Matrix

Unit	*SSTs*	*Diversion box*	*Construction date*
		242-B-151 (inactive)	N/A
C	241-C-101 through 241-C-112 241-C-201 through 241-C-204	241-C-151 (inactive)	1951
		241-C-152 (inactive)	1951
		241-C-153 (inactive)	1951
		241-C-252	1951
		241-CR-151 (inactive)	1952
		241-CR-152 (inactive)	1952
		241-CR-153 (inactive)	1952
S	241-S-101 through 241-S-112	241-S-152	1975
	241-SX-101 through 241-SX-115	241-SX-151	1953
		241-SX-152	1957
T	241-T-101 through 241-T-112 241-T-201 through 241-T-204 241-TX-101 through 241-TX-118 241-TY-101 through 241-TY-106	241-T-151	1950
		241-T-152	1951
		241-T-153	1951
		241-T-252	1951
		242-T-151	1951
		241-TR-152	1951
		241-TR-153	1952
		241-TX-153	1951
		241-TXR-151	1951
		241-TXR-152	1952
		241-TXR-153	1952
		241-TY-153	1952
U	241-U-101 through 241-U-112 241-U-201 through 241-U-204	241-U-153	1951
		241-U-252	1951
		241-UR-151	1951
		241-UR-152	1952
		241-UR-153	1952
		241-UR-154	1952

Attachment 1

Table 5 - SST Valve Pits		
241-S-01A	241-T-07 (no pit; covered salt well Caisson)	241-TY-02A (inactive)
241-S-02A	241-T-08 (no pit) (inactive)	241-TY-03A (inactive)
241-S-03A	241-T-09 (no pit; covered salt well Caisson)	241-TY-04A (inactive)
241-S-04A	241-T-110 (no pit; covered salt well Caisson)	241-TY-05 (no pit; covered salt well Caisson) (inactive)
241-S-05A	241-T-111 (no pit; covered salt well Caisson)	241-TY-06 (no pit) (inactive)
241-S-06A	241-T-112 (no pit) (inactive)	241-U-01A (inactive)
241-S-07A	241-T-201 (no pit; covered salt well Caisson)	241-U-01B (inactive)
241-S-08A	241-T-202 (no pit; covered salt well Caisson)	241-U-01C (inactive)
241-S-09A	241-T-203 (no pit; covered salt well Caisson)	241-U-02A
241-S-110A	241-T-204 (no pit; covered salt well Caisson)	241-U-02B
241-S-111A	241-TX-01A (inactive)	241-U-02C
241-S-112A	241-TX-01C (inactive)	241-U-03A
241-S-A	241-TX-01D (inactive)	241-U-03B
241-S-B	241-TX-02A (inactive)	241-U-03C
241-S-C	241-TX-02C (inactive)	241-U-04A (inactive)
241-S-D	241-TX-02D (inactive)	241-U-04B (inactive)
241-SX-01A	241-TX-03A (inactive)	241-U-04C (inactive)
241-SX-02A	241-TX-03C (inactive)	241-U-05A
241-SX-02B	241-TX-03D (inactive)	241-U-05B
241-SX-03A	241-TX-04A (inactive)	241-U-05C
241-SX-03B	241-TX-04C (inactive)	241-U-06A
241-SX-04A	241-TX-04D (inactive)	241-U-06B
241-SX-05A	241-TX-05A (inactive)	241-U-06C
241-SX-05B	241-TX-05C (inactive)	241-U-07A
241-SX-06A	241-TX-05D (inactive)	241-U-07B
241-SX-07A (inactive)	241-TX-06A (inactive)	241-U-07C
241-SX-08A (inactive)	241-TX-06C (inactive)	241-U-08A
241-SX-09A (inactive)	241-TX-06D (inactive)	241-U-08B
241-SX-110A (inactive)	241-TX-07A (inactive)	241-U-08C
241-SX-111A (inactive)	241-TX-07C (inactive)	241-U-09A
241-SX-112A (inactive)	241-TX-07D (inactive)	241-U-09B
241-SX-113A (inactive)	241-TX-08A (inactive)	241-U-09C
241-SX-114A (inactive)	241-TX-08C (inactive)	241-U-110A (inactive)
241-SX-115A (inactive)	241-TX-08D (inactive)	241-U-110B (inactive)
241-SX-A	241-TX-09A (inactive)	241-U-111A
241-SX-B	241-TX-110A (inactive)	241-U-111B
241-T-01A	241-TX-111A (inactive)	241-U-112 (no pit; covered salt well Caisson) (inactive)
241-T-01B	241-TX-112A (inactive)	241-U-201 (inactive)
241-T-01C (inactive)	241-TX-113A (inactive)	241-U-202 (inactive)
241-T-02A (inactive)	241-TX-114A (inactive)	241-U-203 (inactive)
241-T-02B (inactive)	241-TX-115A (inactive)	241-U-204 (inactive)
241-T-02C (inactive)	241-TX-116A (no pit) (inactive)	241-UA
241-T-03A (inactive)	241-TX-117A (inactive)	241-UB
241-T-03B (inactive)	241-TX-118A (inactive)	241-UC
241-T-03C	241-TX-14B (inactive)	241-UD
241-T-04 (no pit; covered salt well Caisson)	241-TX-15B	241-UR-09A
241-T-05 (no pit; covered salt well Caisson) (inactive)	241-TX-15X	241-UR-09B
241-T-06 (no pit) (inactive)	241-TY-01A (inactive)	

Table 6 - SST Flush Pits		
241-A-A	241-S-A	244-TX-Flush Pit Unknown Number
241-A-B	241-S-B	241-UA
241-AX-A	241-S-C	241-UB
241-AX-B	241-S-D	241-UC
244-BX-Receiver Vault Unknown Number	241-SX-A	241-UD
244-S-Catch Station Unknown Number	241-SX-B	

Attachment 1

Table 7 - Active 200 East and 200 West Area Transfer Lines

Transfer line identification	Notes	Size		Encasement	Materials	Connection facility	Connection facility
		Mm	In.				
4006/4908	L1, V1	102	4	Concrete/double	SSTL, Sch 40	244-AR Vault	241-AX-152
108/837/8649/8901	L1, V1	51	2	Concrete	Sch 40	221-B	244-CR DCRT-U11
814/4002/4028/G026	L1, V1	76	3	Concrete	SSTL A312, 304L	244-AR Vault-T16, Unknown	PUREX
833/8618/8612/809	L1, V1	76	3	Concrete	SSTL A312, 304L	221-B	244-AR Vault
834/8615/8653/818	L1, V1	76	3	Concrete	SSTL A312, 304L	221-B	244-AR Vault-T10
9653/243	L1, V1	76	3	Concrete	Sch 10 SSTL	221-B	241-ER-151-L7
D088	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151
D020	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX-U3, U4	241-A-151-U19
D040	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U27
D070	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U26
D149	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U18
D186	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U5
E006	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX-E5	241-A-151-U24
E167	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U23
F241	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U21
F274	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX-F18	241-A-151-U9
F377	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U14
F429	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U13
F719	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U20
F791	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U8
G057	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U17
G180	L1, V1	51	2	Concrete	SSTL A312, 304L	PUREX	241-A-151-U11
G212	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX-G8	241-A-151-U16
LLW4002	L1, V1	51	2	Direct buried	SSTL A312, 304L	241-ER-152	221-B
LLW4076	L1, V1	51	2	Direct buried	SSTL A312, 304L	241-ER-152	221-B
M044	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U10
M045	L1, V1	76	3	Concrete	SSTL A312, 304L	PUREX	241-A-151-U22
SN244	L1, V1	76	3	Concrete	SSTL A312, 304L	244-CR Vault-U13,CT3	241-ER-153-9
U039	L1, V1	51	2	Concrete	SSTL A312, 304L	PUREX	241-A-151-U6
U136	L1, V1	51	2	Concrete	SSTL A312, 304L	PUREX	241-A-151-U7
V021	L1, V1	76	3	Concrete/double	SSTL A312, Sch 40	241-A-151-L25	241-AW-A-L12

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Table 7 - Active 200 East and 200 West Area Transfer Lines							
Transfer line identification	Notes	Size		Encasement	Materials	Connection facility	Connection facility
		Mm	In.				
V714	L1, V1	76	3	Double	Sch 40, SSTL	241-AX-155-10	241-AR-151-1
V714	L1, V1	76	3	Double	SSTL A312, 304L	PUREX-F16	241-AR-151-2
SL118	L1, V1	NA	NA	Direct buried	NA	241-S-D-R10	241-SX-B-R3
SN7624	L, V1	51	2	Concrete	CS A53, Sch 40	244-T-111	241-T-110
SN7624	L, V1	51	2	Concrete	CS A53, Sch 40	244-TX-I	241-T-111
V657	L2, V1	76	3	Direct buried	SSTL	241-T-151-L1	241-T-153-U1
V658	L2, V1	76	3	Direct buried	SSTL	241-T-151-L2	241-T-153-U8
V730	L, V1	89	3.5	Concrete	11 Ga 18-8 SSTL	221-T	241-TX-154-U1
V732	L, V1	89	3.5	Concrete	11 Ga 18-8 SSTL	221-T	241-TX-154-U2
V734	L, V1	89	3.5	Concrete	11 Ga 18-8 SSTL	221-T	241-TX-154-U4
V735	L, V1	89	3.5	Concrete	11 Ga 18-8 SSTL	221-T	241-TX-154-U5
V737	L, V1	89	3.5	Concrete	11 Ga 18-8 SSTL	221-T	241-TX-154-U7
V738	L, V1	89	3.5	Concrete	11 Ga 18-8 SSTL	221-T	241-TX-154-U8

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Table 8 - Inactive Transfer Lines			
Farm	*Transfer line identifier*	*Connection facility*	*Connection facility*
A	EFD-02	241-A-401 Condensate Building	241-A-401-Diversion Caisson
A	EFD-92	241-A-401 Condensate Building	241-A-401-Diversion Caisson
A	V004	241-A-152	241-A-151
A	V005	241-A-152	241-A-151
A	V006	241-A-152	241-A-151
A	V006	241-A-152	241-A-151
A	V006	241-A-152	241-A-151
A	V006	241-A-152	241-A-151
A	V007	241-A-152	241-A-151
A	V007	241-A-152	241-A-151
A	V021	241-A-151-L-25	241-AN-Valve Pit-L12
A	V007	241-A-152	241-A-151
A	V050	241-A-152	241-C-104
A	V051	241-A-152	241-C-104
A	153A	241-A-101	241-A-153
A	400/T029	202-A	241-A-B-Valve Pit-R12
A	404/V-029/4004/G34/4029	202-A	241-A-A-Valve Pit-L12
A	801	244-AR-T-6	241-A-153-A
A	805	244-AR-T-13	241-A-153-B
A	4106	241-AX-151	241-A-106
A	4105	241-AX-151	241-A-105
A	4101	241-AX-151	241-A-101
A	4102	241-AX-151	241-A-102
A	4104	241-AX-151	241-A-104
A	4103	241-AX-151	241-A-103
A	SN-202	241-A-B-R11	241-A-106-06C-Nozzle A
A	SN-205	241-A-B-Valve Pit-R14	241-A-103-03C-A
A	SN-207	241-A-A-L14	241-A-101-01B-A
A	Drain-316	Clean Out Box-A-8	Drain-301
A	Drain-304	Clean Out Box-A-9	Drain-301
A	V044	241-A-152-10	241-A-104-04A
A	V045	241-A-152-11	241-A-104-04A
A	V046	241-A-152-12	241-A-105-05B
A	V047	241-A-152-13	241-A-105-05B
A	V039	241-A-152-5	241-A-101-01A
A	V038	241-A-152-6	241-A-101-01A

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
A	V041	241-A-152-3	241-A-102-02A
A	V040	241-A-152-4	241-A-102
A	05C	241-A-105-05C-B	241-A-103 & 241-A-153-U2
A	05D	241-A-105-05D-U1	241-A-153-L2
A	05B	241-A-105-05B-U1	241-A-103-03A-U4
A	SL-102	241-A-106-06D-A	241-A-B-R7
A	V048	241-A-106	241-A-152-14
A	V049	241-A-106	241-A-152-15
A	V032	241-A-106-A-U1	241-A-152-7
A	V043	241-A-103	241-A-152-1
A	V042	241-A-103	241-152-2
A	SN-205	241-A-103-03C-A	241-A-B-R14
A	03C	241-A-103-03C-U1	241-A-153-L7
A	03A	241-A-103-03A-U7	241-A-153-U6
A	03B	241-A-103-03B-U1	241-A-153-L12
A	SL-106	241-A-B-R10	241-A-102-02D-A
A	SL-107	241-A-01H-A	241-A-A-L5
A	SN-235	241-A-102-02B-2	Capped off
A	Flush Line	241-A-A-Valve Pit L6, L8	241-A-A-Flush Pit
A	Flush line	241-A-B-Flush Pit	241-A-102-02B-4
A	Flush line	241-A-B-R17	241-A-B-Flush Pit
A	Flush Line	241-A-A-Flush Pit	241-A-A-Valve Pit L17
A	Flush Line	241-A-B-Valve Pit-R17	241-A-B-Valve Pit-R6, R8
A	01C	241-A-101-01C-U1	241-A-153-L9
A	01A	241-A-101-01A-U7	241-A-153-U5
A	01B	241-A-101-01B-U1	241-A-153-L10
A	SL-102	241-A-Valve Pit-R7	Clean Out Box-A-6
A	SL-105	241-A-103-03D-A	241-A-B-R5
A	SL-106	241-A-Valve Pit-B-R10	241-A-102-Side Wall
A	Drain-341	Clean Out Box-A-1	Drain-301
A	Drain-309	Drain-301	Clean Out Box-A-4
A	Drain-308	Drain-301	Clean Out Box-A-3
A	V052	241-A-152-9	Capped
A	V061	241-A-152-L6	Capped
A	V058	241-A-152-A	Nozzle A
A	V059	241-A-152-B	Nozzle B
A	V060	241-A-152-C	241-A-302B
A	06C	241-A-106-06C-U1	241-A-153-L1
A	06A	241-A-106-06A-U7	241-A-153-U3

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
A	06B	241-A-106-06B-U1	241-A-153-L5
A	Drain-315	Clean Out Box-A-10	Drain-317
A	Drain-317	Clean Out Box-A-11	Drain-301
A	04C	241-A-104-04C-U1	241-A-153-L3
A	04B	241-A-104-04B-U1	241-A-153-L4
A	05B	241-A-105-05B-U1	241-A-153-L6
A	Unknown (02C)	241-A-102-02C-U1	241-A-153-L8
A	Overflow	241-A-106-Side Wall	241-A-350-Side Wall
A	Flush Line	241-A-B-R8 & R6	241-A-B-Flush Pit
A	Flush Line	241-A-A	241-A-A-L6 & L8
A	02B	241-A-102-02B-U1	241-A-153-L11
A	02A	241-A-102-02A-U7	241-A-153-U4
A	SN-206	241-A-102-02C-3	241-A-102-02B-3
A	Unknown	241-A-104-04A-U2	241-A-105-05C-A
A	Unknown	241-A-104-04A-U1	241-A-101-01A-U1
A	Unknown	241-A-105-05A-U1	241-A-102-02A-U1
A	Unknown	241-A-106-06A-U1	241-A-103-03A-U1
AW	V-016 (3)	241-A-151-L3	Crib V016
AW	V-016 (1)	241-A-151-L4	Crib V016
AW	V-016 (2)	241-A-151-L10	Crib V016
AW	V-014 (4)	241-A-151-L5	Tank V014/216A
AW	V-014 (3)	241-A-151-L6	Tank V014/216A
AW	V-011 (2)	241-A-151-L7	Crib V011
AW	V-011 (1)	241-A-151-L9	Crib V011
AW	V-014 (2)	241-A-151-L11	TO216A Tank V014
AW	V-014 (1)	241-A-151-L12	TO216A Tank V014
AW	V008 (3)	241-A-151-L14	241-A-152-U10
AW	V008 (2)	241-A-151-L15	241-A-152-V10
AW	R345	202A-R8	241-A-151-V15
AW	R-165	202-A	241-A-151-V12
AW	4003/T037/4017	202-A	241-AX-152-B
AX	4001	241-AX-151	None Identified
AX	4002	241-AX-151	None Identified
AX	4003	241-AX-151	None Identified
AX	4004	241-AX-151	None Identified
AX	4006	241-AX-151	None Identified
AX	4007	244-AR Vault	241-AX-151
AX	4009	241-AX-151	None Identified
AX	4012	241-CR-153	241-AX-151

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
AX	4014	241-AX-151	None Identified
AX	4017	241-AX-151	None Identified
AX	4018	241-AX-151	None Identified
AX	4019	241-AX-151	None Identified
AX	4020	241-AX-151	None Identified
AX	4021	241-AX-151	241-AY-151
AX	4021	241-AY-151	241-AX-152
AX	4022	241-AX-151	241-AX-152
AX	4530	241-AY-151	241-A-153
AX	6249	241-BYR-152	241-BXR-152
AX	6449	241-BYR-153	241-BXR-153
AX	7412	241-BYR-154	241-BXR-151
AX	7425	241-BYR-154	241-BXR-151
AX	4026	241-AX-101-01A-2	241-AX-101-01A-2
AX	4026	241-AX-101-01A-2	241-AX-102-02A-2
AX	4026	241-AX-101-01A-2	241-AX-103-03A-2
AX	4026	241-AX-101-01A-2	241-AX-104-04A-2
AX	4026	241-AX-101-01A-2	JB-AX-153-01
AX	4026	241-AX-101-01A-2	Leak Detection Pits-01E, 02E, 03E, 04E
AX	A102	241-AX-102	241-AX-152
AX	C102	241-AX-102	241-AY-501
AX	B102	241-AX-102	241-AX-152
AX	B101	241-AX-101	241-AX-152
AX	C101	241-AX-101	241-AY-501
AX	A101	241-AX-101	241-AX-152
AX	8041	241-AX-101-01A-U6	241-AX-101-01C-U4
AX	8038	241-AX-101-01AU4	241-AX-101-01C-U3
AX	8039	241-AX-101-01A-U9	241-AX-101-01B-U5
AX	SN-208	241-AX-101-01B-A	241-AX-A-L15
AX	8040	241-AX-101-01B-U3	241-AX-101-01D-U5
AX	8042	241-AX-102-02C-U5	241-AX-102-02A-U9
AX	8035	241-AX-102-02C-U4	241-AX-102-02A-U7
AX	8036	241-AX-102-02A-U4	241-AX-102-02B-U3
AX	8037	241-AX-102-02B-U5	241-AX-102-02D-U3
AX	8062	241-AX-102-02A-U5	241-AY-152-L6
AX	SN-209	241-AX-102-02D-A	241-AX-B-R14
AX	8029	241-AX-103-03A-U4	241-AX-103-03C-U3
AX	8043	241-AX-103-03A-U6	241-AX-103-03C-U4

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
AX	8031	241-AX-103-03A-U9	241-AX-103-03B-U5
AX	8030	241-AX-103-03B-U3	241-AX-103-03D-U5
AX	SL111	241-AX-103-03A-A	241-AX-A-L7
AX	A-104	241-AX-104	241-AX-152
AX	C-104	241-AX-104	241-AY-501
AX	B-104	241-AX-104	241-AX-152
AX	B-103	241-AX-103	241-AX-152
AX	A-103	241-AX-103	241-AX-152
AX	C-103	241-AX-103	241-AY-501
AX	SN211	241-AX-103-03D-A	241-AX-A-L14
AX	Drain-325, 348,333,342	241-AX-107C	Clean Out Boxes AX-20, 24,25,26
AX	SN212	241-AX-104-04B-A	241-AX-B-R15
AX	SL112	241-AX-104-04A-A	241-AX-B-R9
AX	8032	241-AX-104-04D-U3	241-AX-104-04B-U5
AX	8034	241-AX-104-04C-U5	241-AX-104-04A-U4A
AX	8044	241-AX-104-04C-U4	241-AX-104-04A-U7
AX	Drain-314	241-AX-102-R24	Clean Out Boxes-AX12, 13,14,15,16,17,18,19
AX	4010	241-AX-151	241-AX-151-F-CELL
AX	4011	241-AX-151	241-AX-151-E-CELL
AX	4016	241-AX-151	241-AX-151-E-CELL
AX	4024	241-AX-152-B	Capped
AX	4030	241-PX-152	241-AX-152
AX	806	244-AR-Vault	241-AX-152-A
AX	802	244-AR-Vault	241-AY-152-B
AX	T15/T05	244-AR-Tank-001	244-AR-Tank-004
AX	837	244-AR-Tank-001	244-AR-Tank002, 003,004
AX	819	244-AR-Tank-001	244-AR-Tank-003-T14
AX	4026	241-AX-152	153-AX-Jumper Box –2
AX	4510/A107	241-AX-152-7	Capped
AX	8033	241-AX-104-04A-U4	241-AX-104-04B-U3
AX	Flush Line	241-AX-A-L17	241-AX-A-Flush Pit
AX	Flush Line	241-AX-B-R8, R6	241-AX-B-Flush Pit
AX	SN-210	241-AX-A-L19	241-AX-B-R19
AX	Drain-329	Drain-314	Clean Out Box-AX-19
AX	Drain-323	Drain-314	Clean Out Box -AX-18
AX	Drain-321	Drain-314	Clean Out Box -AX-16
AX	Drain-322	Drain-314	Clean Out Box -AX-17
AX	Drain-320	Drain-314	Clean Out Box -AX-14
AX	Drain-318	Drain-314	Clean Out Box -AX-12

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
AX	Drain-349	Drain-314	Clean Out Box -AX-13
AX	RW-3019	RW-Flush Pit	241-AX-152 Catch Tank
AX	Drain-0029	241-AX-153	241-AX-152 Catch Tank
AX	Drain-Unknown	SP-100	Drain-0029
AX	Drain-0067	SP-550	Drain-0029
AX	Drain-0050	241-AY-501	Drain-0029
AX	Drain-0016	SP-110	241-AX-152 Catch Tank
AX	V100	702-A-SP	Drain-0016
AX	Drain-V713	241-AX-155	241-AX-152 Catch Tank
AX	Drain-0036	241-AX-152 Diversion Box	241-AX-152 Catch Tank
AX	Drain-0035	241-AX-152 Diversion Box	Drain-0036
AX	RW-4030	Unknown	241-AX-152 Diversion Box
AX	PW-4022	241-AX-151	241-AX-152 Diversion Box
AX	V0152	Vent Header	241-AX-152 Diversion Box
AX	PW-4026	241-AX-153	241-AX-152 Diversion Box
AX	RW-3015	Flush	241-AX-152 Diversion Box
AX	PW-A101	241-AX-101	241-AX-152 Diversion Box
AX	PW-A102	241-AX-102	241-AX-152 Diverision Box
AX	PW-A103	241-AX-103	241-AX-152 Diversion Box
AX	PW-A104	241-AX-104	241-AX-152 Diversion Box
AX	PW-B101	241-AX-101	241-AX-152 Diversion Box
AX	PW-B102	241-AX-102	241-AX-152 Diversion Box
AX	PW-B103	241-AX-103	241-AX-152 Diversion Box
AX	PW-B104	241-AX-104	241-AX-152 Diversion Box
AX	FLO-4025	Capped	241-AX-152 Diversion Box
AX	PW-4510/A701	Capped	241-AX-152 Diversion Box
AX	4507/A105	Capped	241-AX-152 Diversion Box
AX	RW-3018	Flush	241-AX-152 Diversion Box
AX	RW-3020	Flush	241-AX-152 Diversion Box
AX	RW-3016	Flush	241-AX-152 Diversion Box
AX	RW-3017	Flush	241-AX-152 Diversion Box
AX	FLO-4024	Capped	241-AX-152 Diversion Box
AX	PW-4017/4003/1037	241-202-A	241-AX-152 Diversion Box
AX	PW-4018/4006	244 AR	241-AX-152 Diversion Box
AX	CNDS-F102	241-AX-501	241-AX-152 Diversion Box
AX	PW-4027/4526	PW-4523/4522	241-AX-152 Diversion Box
AX	PW-4523	PW-4027/4526	LPD-AY-102A
AX	PW-4522	PW-4526	LPD-AY-101B
AX	PW-4522	PW-4522	LPD-AY-101A

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
AX	PW-4551	Capped	PW-4027/4526
AX	PW-4021	241-AY-151	241-AX-152 Diversion Box
AX	PW-4021 Bypass	241-AX-153	PW-4021
AY	8021	241-AY-152	241-AX-103
AY	8022	241-AY-152	241-AX-103
AY	8023	241-AY-152	241-AX-102
AY	8024	241-AY-152	241-AX-102
AY	8025	241-AY-152	241-AX-101
AY	8026	241-AY-152	241-AX-101
AY	8027	241-AY-152	241-AX-104
AY	8028	241-AX-104-04D-U5	241-AY-152-U7
AY	8061	241-AY-152	241-AX-104
AY	8063	241-AY-152	241-AX-101
AY	8064	241-AY-152	241-AX-103
AY	8064	241-AY-152	241-AX-102
AY	8555	241-CR-151	None Identified
AY	8656	241-AX-151	244-CR DCRT
B	9653/141	221-B	None Identified
B	A4013	241-CR-152	241-AX-151
B	D601D505	241-AZ-152	241-AY-152
B	V-341	241-BX-154	221-B
B	V200	241-B-154	221-B
B	V2000	241-BXR-152	241-BX-155
B	V2001	241-BX-155	241-BR-152
B	V210V111	241-B-154	241-C-151
B	V214/8902	241-B-154	221-B
B	V225	241-B-151	241-ER-151
B	V235	241-BX-153	241-B-151
B	V236	241-BX-153	241-B-151
B	V237	241-B-151	241-BX-101
B	V242	241-BX-153	241-B-152
B	V252	241-BX-153	241-B-152
B	V253	241-BX-153	241-B-152
B	V285	241-BX-154	241-B-252
B	V305	241-B-252	241-BY-109
B	V310	241-B-154	241-C-152
B	V313	242-B-151	242-B Evaporator

Attachment 1

Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
B	V314	241-BX-155	241-B-151
B	V314	242-B-151	242-B Evaporator
B	V319	241-BX-155	241-B-152
B	V329	241-B-154	221-B
B	V330	241-B-154	221-B
B	V331	241-B-154	221-B
B	V332	241-B-154	221-B
B	V333	241-B-154	221-B
B	V334	241-B-154	221-B
B	V336	241-BX-154	221-B
B	V337	241-BX-154	221-B
B	V339	241-BX-154	221-B
B	V340	241-BX-154	221-B
B	V342	241-BX-154	221-B
B	V718/817	241-AR-151	244-AR Vault
B	V743	221-B	241-C-154
B	829	241-B-106-06A-C	241-B-109-09A-A
B	BWCTL	241-B-103-03A-C	241-B-106-06A-A
B	Unknown	241-B-201	241-B-109
B	Unknown	241-B-112	241-B-111
B	Unknown	241-B-111	241-B-110
B	231/232/233/234	244-BX-Vault	241-B-104, 107,110
B	227/228	244-BX-Vault	241-B-108, 111
B	223/224/225/226	244-BX-Vault	241-B-106, 105,109
B	827	241-BX-103-03A-UA	241-BX-102-02A-U4
B	V290	241-BX-201	241-B-252-L1
B	V291	241-BX-201	241-B-252-L2
B	V292	241-BX-202	241-B-252-L3
B	V293	241-BX-202	241-B-252-L4
B	V294	241-BX-203	241-B-252-L5
B	V295	241-BX-203	241-B-252-L6
B	V296	241-BX-204	241-B-252-L7
B	V297	241-BX-204	241-B-252-L8
B	V243	241-V-252-U6	241-B-152-L2
B	V289	241-BX-154-U9	241-BX-302B
B	Drain Line	241-BX-302B	241-BX-154
B	V335	221-B	241-BX-154
B	V238	241-B-151	241-153 & 241-B-252

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
B	Drain Line	241-B-301B	241-B-252 & 241-B-153
B	V230	241-B-153-U1	241-B-151-L1
B	V247	241-B-153-U4	241-B-153-L6
B	V246	241-B-153-U5	241-B-152-L5
B	V245	241-B-153-U6	241-B-153-L4
B	V231	241-B-153-U8	241-B-151-L2
B	V260	241-B-153-L2	241-B-111
B	V261	241-B-153-L3	241-B-110
B	V262	241-B-153-L4	241-B-110
B	V263	241-B-153-L5	241-B-110
B	V266	241-B-153-L8	241-B-107
B	V267	241-B-153-L9	241-B-107
B	V268	241-B-153-L10	241-B-107
B	V271	241-B-153-L13	241-B-104
B	V272	241-B-153-L14	241-B-104
B	V273	241-B-153-L15	241-B-104
B	V201	241-B-154-U8	241-B-302B
B	Drain Line	241-B-302B	241-B-154
B	V203	241-B-154-L2	Crib
B	V204	241-B-154-L3	Sump
B	V208	241-B-154-L7	241-B-152-U6
B	V130	241-B-154-L8	241-C-152-U4
B	V209	241-B-154-L9	241-B-152-U5
B	V211	241-B-154-L11	241-B-152-U4
B	V213	241-B-154-L13	241-B-151-U4
B	V215	241-B-154-L15	241-B-151-U3
B	V238	241-B-152	241-B-151
B	V240	241-B-152-U3	241-B-151-U5
B	V233	241-B-151-L4	241-B-101 Failed
B	V234	241-B-151-L5	241-B-101
B	V250	241-B-152-L11	241-B-106
B	PL2021	242-B	241-B-106
B	Unknown	242-B	241-B-106
B	V314	242-B	242-B-151-U2
B	V307	242-B-151	241-B-108
B	V308	242-B-151-L2	241-B-109
B	V309	242-B-151	241-B-107
B	V310	242-B-151	241-B-105
B	V311	242-B-151	241-B-104

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
B	826	241-B-109-09A-D	241-B-108-08A-D
B	824	241-B-112-012A-C	241-B-108-08A-A
B	BWCTL-M2	241-B-102-02A-A	241-B-108-08A-C
B	9017	241-B-102-02C-U1	241-BR-152-L7
B	9047	241-B-101-01C-U2	241-BR-152-U1
B	9044	241-B-101-01A-U2	241-BR-152-U2
B	9041	241-B-102-02C-U2	241-BR-152-U3
B	9038	241-B-102-02A-U2	241-BR-152-U4
B	9035	241-B-103-03C-U2	241-BR-152-U5
B	9032	241-B-103-03A-U2	241-BR-152-U6
B	9020	241-B-101-01C-U1	241-BR-152-L9
B	9014	241-B-103-03C-U1	241-BR-152-L10
B	9010	241-B-101-01A-U1/01B-U2	241-BR-152-L11
B	9006	241-B-102-02A-U1/02B-U2	241-BR-152-L12
B	9002	241-B-103-03A-U1/03B-U2	241-BR-152-L13
B	9031	241-B-101-01A-U3	241-BR-152-L14
B	9037	241-B-102-02A-U3	241-BR-152-L15
B	V312	241-B-104	241-B-151
B	6253	241-B-302A	241-BXR-152 & 241-BR-152
BX	9012	241-BXR-151	241-BR-152
BX	9025	241-BXR-151	241-BR-152
BX	9212	241-BYR-152	241-BXR-151
BX	9212	241-BYR-152	241-BXR-152
BX	9225	241-BYR-152	241-BXR-151
BX	9225	241-BYR-152	241-BXR-152
BX	9249	241-BYR-152	241-BXR-152
BX	9412	241-BYR-153	241-BXR-151
BX	9425	241-BYR-153	241-BXR-151
BX	9425	241-BYR-153	241-BXR-153
BX	9449	241-BYR-153	241-BXR-153
BX	9623	241-BYR-154	241-BXR-151
BX	9624	241-BXR-151	241-BR-152
BX	9626	241-BYR-153	241-BXR-151
BX	9626	241-BYR-153	241-BXR-153
BX	9630	241-BXR-151	241-BR-152
BX	9631	241-BYR-152	241-BXR-152
BX	9631	241-BYR-152	241-BXR-151
BX	9632	241-BYR-153	241-BXR-151

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
BX	9632	241-BYR-153	241-BXR-153
BX	9633	241-BYR-154	241-BXR-151
BX	9633	241-BYR-154	241-BXR-151
BX	9633	241-BYR-154	241-BXR-151
BX	9633	241-BYR-154	241-BXR-151
BX	9633	241-BYR-154	241-BXR-151
BX	9636	241-BXR-151	241-B-252
BX	9644	241-BXR-151	None Identified
BX	9644	241-BXR-151	None Identified
BX	9644	241-BXR-151	None Identified
BX	4005/810	241-AX-151	244-AR Vault
BX	4107VO331	241-AX-151	241-A-152
BX	6307/V336	241-BYR-152	241-BX-153
BX	7435/9365/V304	241-BYR-154	241-B-252
BX	7507/9712	241-BYR-154	B-Swamp
BX	814/4015	241-AX-151	None Identified
BX	9247	241-BX-101-01C-U2	241-BXR-152-U1
BX	9241	241-BX-102-02C-U2	241-BXR-152-U3
BX	9217	241-BX-102-02C-U1	241-BXR-152-L7
BX	9235	241-BX-103-03C-U1	241-BXR-152-U5
BX	9214	241-BX-103-03C-U2	241-BXR-152-L10
BX	9232	241-BX-103-03A-U2	241-BSR-152-U6
BX	9202	241-BX-103-03A-U2	241-BXR-152-L13
BX	9256	241-BX-103-03B-U2	241-BX-103-03A-U1
BX	Unknown	241-BX-103	241-BX-102
BX	Unknown	241-BX-102	241-BX-101
BX	9263	241-BX-102-02B-U2	241-BX-102-02A-U1
BX	9270	241-BX-101-01B-U2	9270
BX	9237	241-BX-102-02A-U3	241-BXR-152-L15
BX	9238	241-BX-102-02A-U2	241-BXR-152-U4
BX	9206	241-BX-102-02A-U1	241-BXR-152-L12
BX	9465	241-BX-106-06B-U2	9402/9456
BX	9435	241-BX-106-06C-U2	241-BXR-153-U5
BX	9414	241-BX-106-06C-U2	241-BXR-153-L10
BX	819/818	241-BX-106-06A-U4	241-BX-110-C
BX	820	241-BX-106-C	241-BX-105-05A-A
BX	9432	241-BX-106-06A-U2	241-BXR-153-U6
BX	9441	241-BX-105-05C-U2	241-BXR-153-U3

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
BX	9417	241-BX-105-05C-U1	241-BXR-153-L7
BX	9437	241-BX-105-05A-U3	241-BXR-153-L15
BX	9438	241-BX-105-05A-U2	241-BX-153-U4
BX	9406/9463	241-BX-105-05A-U1	241-BXR-153-L12
BX	9463	241-BX-105-05B-U2	9406/9463
BX	9231	241-BX-101-01A-U3	241-BXR-152-L14
BX	9244	241-BX-101-01A-U2	241-BXR-152-U2
BX	V355	241-BX-101	241-BX-153-L17
BX	822	241-BX-105-05A	241-B-109-09A-C
BX	823	241-BX-105-05A-E	241-B-112-012A-A
BX	9420	241-BX-104-04C-U1	241-BXR-153-L9
BX	9447	241-BX-104-04C-U2	241-BXR-153-U1
BX	SN-230/215/214/213	241-BX-104-04B-U1	244-BX-Tanks-109, 111,112
BX	V353	241-BX-104	241-BX-153-L15
BX	9470/9410	241-BX-104-04B-U2	241-BX-104-04A
BX	V352	241-BX-104	241-BX-153-L14
BX	V351	241-BX-104	241-BX-153-L13
BX	9444	241-BX-104-04A-U2	241-BXR-153-U2
BX	9431	241-BX-104-04A-U3	241-BXR-153-L14
BX	9456/9402	241-BX-106-06A-U1	241-BXR-153-L13
BX	816	241-BX-112-012A-C	241-BX-111-011A-A
BX	817	241-BX-111-011A-C	241-BX-110-010A-A
BX	V345	241-BX-109	241-BX-153-L11
BX	V350	241-BX-112	241-BX-153-L7
BX	SN216/217	241-BX-107	241-BX-110 & 244 BX
BX	V347	241-BX-107	241-BX-153-L9
BX	V348	241-BX-107	241-BX-153-L10
BX	V346	241-BX-107	241-BX-153-L8
BX	V349	241-BX-104	241-BX-153
BX	V344	241-BX-110	241-BX-153-L6
BX	V343	241-BX-110	241-BX-153-L5
BX	V342	241-BX-110	241-BX-153-L4
BX	9210/9270	241-BX-101-01B-U2	241-BXR-152-L11
BX	V318	241-BX-153-U7	241-BX-155-L5
BX	V317	241-BX-153-UB	241-BX-155-L4
BX	V316	241-BX-153-U9	241-BX-155-L3
BX	V338	241-BX-153-U12	241-B-302A
BX	DrainCB-302A	241-B-302A	241-BX-153
BX	V282	241-BX-155-U2	241-BX-154-L3

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
BX	V283	241-BX-155-U3	241-BX-154-L4
BX	V284	241-BX-155-U4	241-BX-154-L5
BX	V323	241-BX-155-U7	241-BX-302C
BX	Drain (BX-302B)	241-BX-155	241-BX-302C
BX	V315	241-BX-155	241-B-151-U6
BY	9625/9212	241-BYR-152	241-BXR-151
BY	9625/9212	241-BYR-152	241-BXR-152
BY	6402	241-BYR-153-L13	241-BY-106-06A-U1
BY	6414	241-BYR-153-L10	241-BY-106-06C-U1
BY	6444	241-BYR-153-U2	241-BY-104-04D-U2
BY	6438	241-BYR-153-U4	241-BY-105-05D-U2
BY	6432	241-BYR-153-U6	241-BY-106-06D-U2
BY	6435	241-BYR-153-U5	241-BY-106-06C-U2
BY	6441	241-BYR-153-U2	241-BY-105-05C-U2
BY	6417	241-BYR-153-L7	241-BY-105-05C-U1
BY	6406	241-BYR-153-L12	241-BY-105-05A-U1
BY	6410	241-BYR-153-L11	241-BY-104-04A-U1
BY	6420	241-BYR-153-L9	241-BY-104-04C-U1
BY	6447	241-BYR-153-U1	241-BY-104-04C-U2
BY	6443/9453	241-BYR-153	241-BXR-153 & 241-BX-104-04C
BY	6232	241-BY-103-03D-U2	241-BYR-152-U6
BY	6202	241-BY-103-03A-U1	241-BYR-152-L13
BY	SN-201	241-BY-103-U2	SN-200 & SN-203
BY	6214	241-BY-103-03C-U1	241-BYR-152-L10
BY	6235	241-BY-103-03C-U2	241-BYR-152-U5
BY	810	241-BY-103-03C	241-BY-106-06D-A
BY	809	241-BY-103-03C-A	241-BY-105-05D-C
BY	SN-207	241-BY-103-03A	244-BX-D
BY	808	241-BY-102	241-BY-105-05D-D
BY	806	241-BY-102-02A-U8	241-BY-111-U4-011D
BY	814	241-BY-102-02B	241-BY-111-U8-011D
BY	6238	241-BY-102-02D-U2	241-BYR-152-U4
BY	6206	241-BY-102-02A-U1	241-BYR-152-L12
BY	6217	241-BY-102-02C-U1	241-BYR-152-L7
BY	6241	241-BY-102-02C-U2	241-BYR-152-U3
BY	SN-200	241-BY-102-02A-U2	SN-201
BY	SN-202	241-BY-105-05A-U2	SN-201
BY	807	241-BY-105-05D-A	241-BY-104-04D-C
BY	806	241-BY-104-04D-A	241-BY-107-07A-D

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
BY	6247	241-BY-101-01C-U2	241-BYR-152-U1
BY	6244	241-BY-101-01D-U2	241-BYR-152-2
BY	6210	241-BY-101-01A-U1	241-BYR-152-L11
BY	6220	241-BY-101-01C-U1	241-BYR-152-L9
BY	822	241-BY-101-01C-C	241-BY-104-04D
BY	821	241-BY-101-01C-A	241-BX-105-05A-C
BY	Unknown	241-BY-106-06D, C	241-BY-109
BY	PL-P11	241-BY-112-012D	241-BY-109-09A-U6
BY	SN-205/207	241-BY-109-09A-U5	Capped
BY	7406/9394	241-BY-109-09A-U4	241-BYR-154-L12
BY	PL-P22	241-BY-109	241-BY-108
BY	SN-204	241-BY-108-08A-U1	Capped
BY	813	241-BY-108-08A-A	241-BY-107-07A-C
BY	805	241-BY-107-07A-A	241-BY-110-010A-C
BY	801	241-BY-11-012D-U7	241-BY-111-011D-U7
BY	SN-207	241-BY-112-012A	801
BY	7406/9394	241-BY-112-012A-U1	241-BY-109-09A-U4
BY	800	241-BY-112-012D-U6	241-BY-111-011D-U6
BY	7437	241-BY-112-012D-U1	241-BYR-154-L15
BY	7438	241-BY-112-012D-U2	241-BYR-154-U4
BY	7417	241-BY-112-012C-U1	241-BYR-154-L10
BY	7441	241-BY-112-012C-U2	241-BYR-154-U3
BY	7447	241-BY-111-011C-U2	241-BYR-154-U2
BY	7420	241-BY-111-011C-U1	241-BYR-154-L9
BY	7410	241-BY-111-011A-U1	241-BYR-154-L11
BY	SN-206	241-BY-111-011A-U2	Capped
BY	7444	241-BY-111-011D-U2	241-BYR-154-U2
BY	7431	241-BY-111-011D-U1	241-BYR-154-L14
BY	Unknown	241-BY-112	241-BY-111
BY	804	241-BY-110-010-A	241-BY-111-A
BY	SN-211	241-BY-110-01A	SN-204
BY	815	241-BY-110-010A-D	241-BX-112-012-A-A
BY	9613	244-BXR-Tank-003-U2	244-BXR-011
BY	9604	244-BXR-Tank-003	244-BXR-011-U2
BY	Unknown	244-BSR-Tank-002-U2	244-BXR-011
BY	9648	244-BXR-Tank-002-U1	241-BXR-151-L6
BY	9647	244-BXR-Tank-003-U1	241-BXR-151-L4
BY	9622	244-BXR-Tank-001-U3	241-BXR-151-L3
BY	9601	244-BXR-Tank-001	241-BXR-151-L1

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
BY	9616	244-BXR-011-U1	241-BXR-151-L5
BY	9765	241-BXR-157	244-BXR Vault
BY	Drain Line	241-BYR-154	244-BXR Vault
BY	6253	241-BYR-152	241-BXR-152
BY	9719	241-BXR-151-U24	241-ER-151-L3
C	V1000	241-CR-152	244-CR Vault
C	V101	241-C-153	None Identified
C	V109	241-C-151-U2	241-A-101-A
C	V110	241-C-151	244-CR Vault
C	V113	241-C-151	241-AX-101
C	V113	241-C-151	241-AX-103
C	V121	241-C-152	None Identified
C	V136	241-C-153	None Identified
C	V137	241-C-153	None Identified
C	V141	241-C-153	None Identified
C	V142	241-C-153	None Identified
C	V147	241-C-153	None Identified
C	Unknown	241-C-109	241-C-108
C	Unknown	241-C-108	241-C-107
C	Unknown	241-C-112	241-C-111
C	Unknown	241-C-111	241-C-110
C	8552	241-C-201, 202,203,204	241-CR-151-U2
C	V175	241-C-252-U5	201-C Hot Semi Works
C	V107	241-C-252-U4	241-C-151-l8
C	V172	241-C-252-U1	241-C-109
C	V163	241-C-204	241-C-252-L8
C	V162	241-C-204	241-C-252-L7
C	V160	241-C-203	241-C-252-L5
C	V161	241-C-203	241-C-252-L6
C	V159	241-C-202	241-C-252-L4
C	V158	241-C-202	241-C-252-L3
C	V157	241-C-201	241-C-252-L2
C	V156	241-C-201	241-C-252-L1
C	V839	241-C-154	201-C Hot Semi Works
C	8900	201-C	244-CR-Tank-003-U10
C	V122	241-C-105-05A-U4	241-C-152-L8
C	V120	241-C-152-L6	241-C-153-U4
C	V119	241-C-152-L5	241-C-153-U5

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
C	V118	241-C-152-L4	241-C-153-U6
C	V115	241-C-105-05A-U5	241-C-152-L1
C	8032	241-C-103-03A-U2	241-CR-152-U6
C	8035	241-C-103-03C-U2	241-CR-152-U5
C	8014	241-C-103-03C-U1	241-CR-152-L10
C	8002	241-C-103-03A-U1	241-CR-152-L13
C	Unknown	241-C-103-03B-U1	241-C-Valve Pit
C	Unknown	241-C-103-03B-U2	Line 8002
C	Drain Line	241-C-103	241-C-Valve Pit
C	8037	241-C-102-02A-U3	241-CR-152-L15
C	8038	241-C-102-02A-U2	241-CR-152-U4
C	8006	241-C-102-02A-U1	241-CR-152-L12
C	V843	241-C-102	241-CR-151-L9
C	V844	241-C-102	241-CR-151-L9
C	Drain Line	241-C-102-02B-U3	241-C-Valve Pit
C	Unknown	241-C-102-02B-U2	Line 8006
C	8041	241-C-102-02C-U2	241-CR-152-U3
C	8017	241-C-102-02C-U1	241-CR-152-L7
C	8630	241-CR-152-L1, 2,3,4,5,6	241-CR-151-U9
C	8047	241-C-101-01C-U2	241-CR-152-U1
C	8044	241-C-101-01A-U2	241-CR-152-U3
C	V1001	241-CR-152-U4A	241-CR-153-U3A
C	8648	241-CR-151-L6	244-CR-Tank-002-U1
C	8636/V105	241-CR-151-U1	241-C-151-L6
C	Drain Line	244-CR-Tank-002	241-CR-151
C	8653/8618	241-ER-151-L9	241-CR-151-U14
C	Unknown	241-C-106-06B-U2	Line 8202
C	Drain-301	241-C-106-06C-U8	To Metal Filter Drain
C	Drain-302	241-C-106-06C-U9	To Process Building Floor Drain
C	Unknown	241-C-105-05B-U2	Line 8210
C	V150	241-C-104	241-C-153-L15
C	V149	241-C-104	241-C-153-L14
C	V148	241-C-104	241-C-153-L13
C	V138	241-C-110	241-C-153-L3
C	V139	241-C-110	241-C-153-L4
C	V140	241-C-110	241-C-153-L5
C	V143	241-C-107	241-C-153-L8
C	V144	241-C-107	241-C-153-L9
C	V145	241-C-107	241-C-153-L10

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
C	V100	241-C-151-L1	241-C-153-U9
C	V108/812	241-C-151-U1	244-AR-Tank-002-T9
C	V102	241-C-101	241-C-151-L4
C	V103	241-C-105	241-C-151-L3
C	V104	241-C-101	241-C-151-L4
C	Drain Line	241-C-252	241-C-153 & 241-C-151
C	V219	241-ER-151-L4	Capped
C	V365	241-ER-151-U8	Flow meter Box
C	Unknown	241-C-104-04B-U3	241-C-Valve Pit
C	Unknown	241-C-104-04B-U2	Line 8210
C	Drain Line	241-C-104-04C	241-C-Valve Pit & 241-CR-153
C	Drain Line	241-C-107-U1	241-C-Valve Pit
C	Unknown	241-C-112	241-C-Valve Pit
C	V172	241-C-252	241-C-109, 112
C	Unknown	241-C-110-U1	241-C-Valve Pit
C	Unknown	241-C-105	Unknown
C	V1002	241-CR-152-U6A	241-CR-153-U1A
C	8107/V844	241-C-102	241-CR-152-L8
C	8020	241-C-101-01C-U1	241-CR-152-L9
C	8010	241-C-101-01A	241-CR-152-L11
C	Unknown	241-C-101-01B-U1	8010
C	8031	241-C-101-01A-U3	241-CR-152-L14
C	8624	241-CR-152-U8	241-CR-151-U9
C	8012	241-CR-152-U9, U11, U12	241-CR-151-U4
C	8625	241-CR-153-U8	241-CR-151-U6
C	V228	241-CR-153-U6A	241-ER-153-7
C	8232	241-C-106-06A-U2	241-CR-153-U6
C	8235	241-C-106-06C-U2	241-CR-153-U5
C	8238	241-C-105-05A-112	241-CR-153-U4
C	8241	241-C-105-05C-U2	241-CR-153-U3
C	8244	241-C-104-04A-U2	241-CR-153-U2
C	8247	241-C-104-04C-U2	241-CR-153-U1
C	8225	241-CR-153-U10	241-CR-151-U10
C	8237	241-C-105-05A-U3	241-CR-153-L15
C	8231	241-C-104-04A-U3	241-CR-153-L14
C	8202	241-C-106-06A-U1	241-CR-153-L13
C	8206	241-C-105-05A-U1	241-CR-153-L12
C	8210	241-C-104-04A-U10	241-CR-153-L11
C	8214	241-C-106-06C-U1	241-CR-153-L10

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
C	8220	241-C-104-04C-U1	241-CR-153-L9
C	8217	241-C-105-05C-U1	241-CR-153-L7
C	8631	241-CR-153-L (1-6)	241-CR-151-U8
C	8644	241-CR-151-U12, 13,15	241-CR-151
C	8601	241-CR-151-L1	244-CR-Tank-001
C	8647	241-CR-151-L4	244-CR-244-CR-U1-Tank-003
C	8616	241-CR-151-L5	244-CR-U1-Tank-011
S	1006	205-S	240-S-152
S	1115	240-S-151	202-S
S	1140	240-S-151	202-S
S	1145	240-S-151	202-S
S	1236	240-S-151	202-S
S	1540	240-S-151	202-S
S	1541	240-S-151	202-S
S	3130	240-S-151	202-S
S	3591	240-S-151	202-S
S	3592	240-S-151	202-S
S	3603	240-S-151	None
S	3610	240-S-151	202-S
S	3635	240-S-151	202-S
S	3658	240-S-151	202-S
S	3666	240-S-151	202-S
S	4242	240-S-151	202-S
S	Unknown	242-S Evaporator	241-S-103
S	Unknown	242-S Evaporator	241-S-103
S	Unknown	240-S-152	204-S
S	SL101	241-S-152	Blocked
S	SL115	241-S-A	241-S-C
S	SL117	241-S-C	241-SX-A
S	SL126	241-S-D	None Identified
S	SL138	241-S-152	242-S Evaporator
S	SL139	241-S-152	Blocked
S	SL139/SL114	242-S Evaporator	241-S-B
S	SN217	241-S-C	241-SX-A
S	SN218	241-S-D	241-SX-B
S	SL-121	241-S-101-01A-B	241-S-B-R5
S	SN221	241-S-101-01-A	241-S-B-R14

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
S	V541	241-S-101	101-S Caisson 241-S-151-L19
S	V538	241-S-104	241-S-151-L16
S	V539	241-S-104	241-S-151-L17
S	V536	241-S-107	241-S-151-L14
S	V5006	241-S-104-04A	241-S-107-07A
S	540	241-S-107-07A	241-S-151-L18
S	V537	241-S-107	241-S-151-L15
S	SN245	241-S-107	244-S
S	SN246	241-S-107	244-S
S	SN247	241-S-107	244-S
S	SN248	241-S-107	244-S
S	SN249	241-S-107	244-S
S	Drain Line	241-S-107	241-S-C Flush Pit
S	Drain Line	241-S-107	241-S-D Flush Pit
S	Flush Line	241-S-C-L17	241-S-C Flush Pit
S	Flush Line	241-S-D-R17	241-S-D Flush Pit
S	SN226	241-S-107-07A-A	241-S-D-R14
S	SN246	241-S-107-07A-B	241-S-D-R2
S	V534	241-S-110	241-S-151-L12
S	V535	241-S-110	241-S-151-L13
S	SL127	241-S-110-10A	241-S-D-R7
S	SN227	241-S-110-10A	241-S-D-R15
S	Drain Line	241-S-302-B	241-S-302-A
S	SN242	241-S-02A-U6	241-S-A-L12
S	SN214	241-S-102	241-S-V-R14
S	SN213	241-S-102	241-S-A-L1
S	SL140	241-S-02B-U2	241-S-A-L5
S	234	241-S-102-02A-A	Unknown
S	235	241-S-102-02A-AA	Unknown
S	Unknown	241-S-102-BB	Flush Pit
S	Drain Line	241-S-102-02A-F	241-S-152
S	SL125	241-S-112-12A-B	241-S-C-L9
S	SL123	241-S-109-09A-B	241-S-C-L7
S	SL124	241-S-108-08A-B	241-S-C-L5
S	SN224	241-S-108-08A-A	241-S-C-L14
S	SN222	241-S-105-05A	241-S-B-R16
S	SN220	241-S-106-06A-A	241-S-A-L16
S	SL122	241-S-105-05A	241-S-B-R9
S	Flush Line	241-S-B-R8/R17	241-S-B Flush Pit

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
S	SN225	241-S-112-12A-A	241-S-C-L16
S	SL120	241-S-106-B	241-S-A-L9
S	SL128	241-S-111-11A-B	241-S-D-R9
S	SN228	241-S-111-11A-A	241-S-D-R16
S	SN239	241-S-C-L19	241-S-D-R19
S	SN223	241-S-109-09A-A	241-S-C-L15
S	SN215	A-L14	241-S-C-L1
S	SL134	241-S-A-L18	241-S-D-R18
S	Unknown	241-S-A-L19	241-S-B-R19
S	SL219	241-S-103-03A-A	241-S-A-L15
S	SL119	241-S-103-03A-B	241-S-A-L7
S	Flush Line	241-S-A-L8/L17	241-S-A Flush Pit
S	V519	240-S-151-L2	241-S-151-U18
S	V517	202-S	241-S-151-U16
S	V516	240-X-151-L7	241-S-151-U15
S	V515	240-S-151-L7	241-S-151-U14
S	V514	240-S-151-L6	Capped
S	V513	240-S-151-L12	241-S-151-U11
S	V512	240-S-151-L16	241-S-151-U10
S	V509	240-S-151-L16	241-S-151-U7
S	V509	240-S-151-L17	241-S-151-U8
S	V521	241-S-151-L17	241-S-151-B1
S	V533	241-S-151-B2	Crib
S	V560	244-S Catch Station	241-S-S-151
S	SL116	211-S-B-R10	241-S-D-R3
S	SN216	241-S-B-R12	241-S-D-R1
S	Unknown	241-S-C-L18	241-S-D-R19
S	SN200	241-S-102	241-S-152-5
S	SL139	241-S-152-4	Capped
S	SN201	241-S-102	241-S-152-7
S	Unknown	241-S-103	Clean Out Boxes-9, 10
S	Unknown	241-S-109	Clean Out Boxes-13, 14
S	V555	240-S-152-L1	240-S-151-U17
S	V554	240-S-151	241-S-302-CT
S	1238	202-S	240-S-151-U10
S	V553	240-S-151-U8	240-S-142-L3
S	V552	240-S-151-U3	240-S-152-L3
S	1045	240S-152	204-S
S	V544	240-S-151-L1	216-S Swamp

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
S	V517	240-S-151	Capped
S	V547	240-S-151	216-S Crib
S	V546	240-S-151	V544/216-S Swamp
S	V550	240-S-151	V544/216-S Swamp
SX	V569	241-SX-302-A	241-SX-151-L1
SX	V762/4853	241-SX-152	241-UX-154
SX	SN241	241-SX-101-01A-A	241-SX-B-R14
SX	SL137	241-SX-101-01A	241-SX-B-R5
SX	V578	241-SX-101	241-SX-151-L10
SX	SL133	241-SX-104-04A-B	241-SX-B-R7
SX	SN233	241-SX-104-04A-A	241-SX-B-R15
SX	V584	241-SX-104	241-SX-151-L16
SX	312	241-SX-102	Clean Out Boxes-15, 16,17,18,19,20,21,22
SX	318	241-SX-102	241-SX-A Flush Pit
SX	SL130	241-SX-102-02B-B	241-SX-A-L5
SX	SN230	241-SX-102-02B-A	241-SX-A-L14
SX	V579	241-SX-105-05A-A	241-SX-B-R16
SX	V583	241-SX-105	241-SX-151-L15
SX	SL132	241-SX-105	241-SX-B-R9
SX	105	241-SX-105	241-SX-152
SX	108	241-SX-108-08A-1	241-SX-152
SX	109	241-SX-109-09A-1	241-SX-152
SX	107	241-SX-107-07A-1	241-SX-152
SX	V576	241-SX-107	241-SX-151-L8
SX	V575	241-SX-108	241-SX-151-L7
SX	V570	241-SX-110	241-SX-151-L2
SX	V571	241-SX-111	241-SX-151-L2
SX	110	241-SX-110-10A-1	241-SX-152
SX	111	241-SX-111-11A-1	241-SX-152
SX	112	241-SX-112-12A-1	241-SX-152
SX	113	241-SX-113-13A-1	241-SX-152
SX	114	241-SX-114-14A-1	241-SX-152
SX	115	241-SX-115-15A-1	241-SX-152
SX	V574	241-SX-109	241-SX-151-L6
SX	V582	241-SX-106	241-SX-151-L14
SX	V580	241-SX-103-03	241-SX-151-L12
SX	SL129	241-SX-103-03B-B	241-SX-A-L7
SX	SN229	241-SX-103-03B-A	241-SX-A-15
SX	103	241-SX-103-03-A	Capped

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
SX	V572	241-SX-112	241-SX-151-L4
SX	V591	241-SX-114	241-SX-151-L23
SX	SL131	241-SX-106-06A-B	241-SX-151-L9
SX	SN231	241-SX-106-06A-A	241-SX-A-L16
SX	Unknown	241-SX-A-L19	241-SX-B-R19
SX	Unknown	241-SX-A-L18	241-SX-B-R18
SX	Flush Line	241-SX-A-L17	241-SX-A Flush Pit
SX	Flush Line	241-SX-A-R17	241-SX-B Flush Pit
SX	Drain Line	241-SX-B	241-SX-A Flush Pit
SX	Unknown	241-SX-106	Clean Out Boxes-24, 25
SX	V577	241-SX-151-L9	241-SX-152
SX	V567/V581	241-SX-151-U7	241-SX-152
SX	V595	241-SX-302-A	241-SX-152
SX	456	241-SX-152	Capped
SX	V526	241-SX-152-U13	241-S-151-L4
SX	V564	241-SX-151-U11	241-SX-151-U2
SX	V527	241-SX-151-U10	241-S-151-L5
SX	V566	241-SX-151-U9	241-SX-151-U5
SX	V530	241-SX-151-U4	241-S-151-L5
SX	V528	241-SX-151-U8	241-S-151-L6
SX	V529	241-SX-151-U6	241-S-151-L8
SX	V563	241-SX-151-U1	241S-302A
SX	V542	241-S-304	241-S-151
SX	V543	241-S-304	241-S-151
SY	SN282	241-S-152-11	Failed
SY	SN216	241-S-152-9	Capped
SY	SL175	241-S-152-8	Failed
SY	SN281	241-S-152-10	Failed
SY	SL100	241-S-152	241-UC-L3
SY	SL175	241-SY-A-L3	R-231 Project
T	V399	241-T-152	241-TX-155
T	V405	241-T-152	241-TX-155
T	V405	241-TX-155	241-T-152
T	V411	241-T-151	241-TX-155
T	V412	241-TX-155	Blocked
T	V597	241-TY-153	241-TX-153
T	V6002	241-TR-152	241-T-103
T	V6006	241-TR-152	241-T-102

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
T	V601	241-T-152	241-TX-153
T	V6010	241-TR-152	241-T-101
T	V610	241-TX-153	242-T Evaporator
T	V653	241-T-151	221-T
T	V654	241-T-151	221-T
T	V657	241-T-153	241-T-151
T	V658	241-T-153	241-T-151
T	V667	241-T-152	221-T
T	V668	241-T-152	221-T
T	V669	241-T-152	221-T
T	V671	241-T-152	224-T
T	V675	241-T-153	241-T-152
T	V676	241-T-153	241-T-152
T	V707	241-T-252	221-T
T	V695	241-T-107	241-T-153-L8
T	V692	241-T-110	241-T-153-L5
T	V691	241-T-110	241-T-153-L4
T	V690	241-T-110	241-T-153-L2
T	7624	241-TR-153-U14	Capped
T	6012	241-TR-153-U13	Capped
T	6165	241-TR-153-U6	241-TR-152-L1, 2,3,4,5,6
T	6017	241-T-102-02C-U1	241-TR-152-L7
T	6041	241-T-102-02C-U2	241-TR-152-U3
T	Unknown	241-T-102-02C-U2	6006
T	6037	241-TR-02-U3	241-TR-152-L15
T	6038	241-T-102-02A-U2	241-TR-152-U4
T	6035	241-T-103-03C-U2	241-TR-152-U5
T	6014	241-T-103-03C-U1	241-TR-152-L10
T	Unknown	241-T-103-03B-U2	6002
T	6032	241-T-103-03A-U2	241-TR-152-U6
T	6170	241-TR-152-U8	241-TR-153-U1
T	6160	241-TR-152-U9, 11,12	241-TR-153-U2
T	V718	241-T-204	241-T-252-L8
T	V717	241-T-204	241-T-252-L7
T	V716	241-T-203	241-T-252-L6
T	V715	241-T-203	241-T-252-L5
T	Unknown	241-T-203	241-T-101
T	Unknown	241-T-204	241-T-101

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
T	Unknown	241-T-202	241-T-101
T	Unknown	241-T-202	241-T-101
T	V714	241-T-202	241-T-252-L4
T	V713	241-T-202	241-T-252-L3
T	V712	241-T-201	241-T-252-L2
T	V711	241-T-201	241-T-252-L1
T	V707	221-T-10	Unknown
T	V663	241-T-151-L8	Crib
T	V664	241-T-152	241-T-151
T	V727	241-T-301-B	241-T-252
T	V664	241-T-301-B	241-T-153
T	Unknown	241-T-101	241-T-102
T	Unknown	241-T-104	241-T-105
T	Unknown	241-T-107	241-T-108
T	Unknown	241-T-110	241-T-111
T	Unknown	241-T-111	241-T-112
T	Unknown	241-T-108	241-T-109
T	Unknown	241-T-105	241-T-106
T	Unknown	241-T-102	241-T-103
T	6047	241-T-101-01C-U2	241-TR-152-U1
T	6053	241-T-101-01C	241-TR-152
T	6020	241-T-101-01C-U1	241-TR-152-U2
T	Unknown	241-T-101	241-T-102-02B-U3
T	Unknown	241-T-101-01B-U3	241-T-105
T	Unknown	241-T-101-01B-U2	6010
T	6031	241-T-101-01A-U3	241-TR-152-L14
T	3044	241-T-101-01A-U2	241-TR-152-U2
T	V660	241-T-101	241-T-151-L4
T	V661	241-T-101	241-T-151-L5
T	V677	241-T-152-L8	241-T-153-U4
T	6172	241-T-102	241-TR-153
T	V698	241-T-106	241-T—153-L11
T	V699	241-T-105	241-T-153-L12
T	V701	241-T-104	241-T-153-L14
T	V700	241-T-104	241-T-153-L13
T	V702	241-T-104	241-T-153-L15
T	V697	241-T-107	241-T-153-L10
T	V696	241-T-107	241-T-153-L9
T	V695	241-T-107	241-T-153-L8

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
T	V692	241-T-110	241-T-153-L5
T	V691	241-T-110	241-T-153-L4
T	V690	241-T-110	241-T-153-L2
T	7624	241-TR-153-U14	Capped
T	6012	241-TR-153-U13	Capped
T	6165	241-TR-153-U6	241-TR-152-L1, 2,3,4,5,6
T	6017	241-T-102-02C-U1	241-TR-153-L7
T	6041	241-T-102-02C-U2	241-TR-153-U3
T	Unknown	241-T-102-02B-U2	6006
T	6037	241-T-02A-U3	241-TR-152-L15
T	6038	241-T-102-02A-U2	241-TR-152-U4
T	6035	241-T-103-03C-U2	241-TR-152-U5
T	6014	241-T-103-03C-U1	241-TR-152-L10
T	Unknown	241-T-103-03B-U2	6002
T	6032	241-T-103-03A-U2	241-TR-152-U6
T	3170	241-TR-152-U8	241-TR-153-U1
T	6160	241-T-152-U9, 11,12	241-TR-153-U2
TX	V625	241-TX-116	241-TX-153-L19
TX	SN200	241-TX-116	241-TX-E
TX	SN201	241-TX-113-13A	SN206
TX	V621	241-TX-113	241-TX-153-L15
TX	V622	241-TX-113	241-TX-153-L16
TX	718	241-TX-113-13A	241-TX-115
TX	V827	241-TX-113	241-T-151-L2
TX	Unknown	241-TX-113	241-TX-114-14A
TX	Unknown	241-TX-113	241-TX-114
TX	Unknown	241-TX-109-09A-D	241-TX-117
TX	704	241-TX-109-09A-D	241-TX-103-A
TX	703	241-TX-109-09A-A	242-T-15-U3
TX	V618	241-TX-109	241-TX-153-L12
TX	V613	241-TX-105	241-TX-153-L7
TX	V619	241-TX-109	241-TX-153-L13
TX	Unknown	241-TX-109-09A-C	241-TX-05A-A
TX	Unknown	241-TX-109	241-TX-110
TX	V612	241-TX-105	241-TX-153-L6
TX	7359	241-TX-115-U4	241-TX-153-L17
TX	V616	241-TX-118	241-TX-153-L10
TX	720	241-TX-114	241-15V Valve Pit
TX	Drain	241-TX-105-05D	241-TXR-153

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
TX	7231	241-TX-105-05D-U1	241-TXR-153-L17
TX	7210	241-TX-105-05A-U1	241-TXR-153-L14
TX	Unknown	241-TX-105	241-TX-106
TX	706	241-TX-105-05A-C	241-TX-102-02A-A
TX	7220	241-TX-105-05C-U1	241-TXR-153-L12
TX	7247	241-TX-105-05C	241-TXR-153-U1
TX	7404	241-TX-101-01D-U2	241-TXR-152-U2
TX	7031	241-TX-101-01D-U1	241-TR-152-L18
TX	SN213/SN211	241-TX-101-01A	244-TX-B
TX	730	241-TX-110	241-TX-14B Valve Pit
TX	724	241-TX-111	TX-14B Valve Pit
TX	V831	241-TX-114	TX-14B Valve Pit
TX	SN204	244-TX-D	241-117-17A
TX	SN205	241-TX-114-14A	SN204
TX	SN206	241-TX-110-10A	SN204
TX	SN207	241-TX-106-06A	SN204
TX	707	241-TX-06A-A	241-TX-02-C
TX	V625	241-TX-116	241-TX-153-L19
TX	SN200	241-TX-116	244-TX-E
TX	SN201	241-TX-113-13A	SN206
TX	V621	241-TX-113	241-TX-153-L15
TX	V622	241-TX-113	241-TX-153-L16
TX	718	241-TX-113-13A	241-TX-115
TX	V827	241-TX-113	242-T-141-L2
TX	Unknown	241-TX-113	241-TX-114-14A
TX	Unknown	241-TX-113	241-TX-114
TX	Unknown	241-TX-116	241-TX-117
TX	704	241-TX-109-09A-D	241-TY-103-A
TX	703	241-TX-109-09A-A	241-T-151-U3
TX	V618	241-TX-109	241-TX-153-L12
TX	V613	241-TX-105	241-TX-153-L7
TX	V619	241-TX-109	241-TX-153-L13
TX	Unknown	241-TX-109-09A-C	241-TX-05A-A
TX	Unknown	241-TX-109	241-TX-110
TX	V612	241-TX-105	241-TX-153-L6
TX	7359	241-TX-115A-U4	241-TXR-153-L17
TX	V616	241-TX-118	241-TX-153-L10
TX	720	241-TX-114	241-15B Valve Pit
TX	Drain	241-TX-105-05D	241-TXR-153

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
TX	7231	241-TX-105-05D-U1	241-TXR-153-L17
TX	7210	241-TX-105-05A-U1	241-TXR-153-L14
TX	Unknown	241-TX-105	241-TX-106
TX	706	241-TX-105-05A-C	241-TX-102-02A-A
TX	7220	241-TX-105-05C-U1	241-TXR-153-L12
TX	7247	241-TX-105-05C	241-TXR-153-U1
TX	7404	241-TX-101-01D-U2	241-TXR-153-U2
TX	SN213/SN211	241-TX-101-01A	241-TX-B
TX	730	241-TX-110	241-TX-14B Valve Pit
TX	724	241-TX-111	241-TX-14B Valve Pit
TX	V831	241-TX-114	241-TX-14B Valve Pit
TX	SN204	241-TX-D	241-TX-117-17A
TX	SN205	241-TX-114-14A	SN204
TX	SN206	241-TX-110-10A	SN204
TX	SN207	241-TX-106-06A	SN204
TX	707	241-TX-06A-A	241-TX-02A-C
TX	714	241-TX-110-10A-C	241-TX-111-11A-A
TX	731	241-TX-117-17A	241-TX-118
TX	Unknown	241-T-117	241-TX-118
TX	Unknown	241-TX-114	241-TX-115
TX	721	241-TX-114-14A	241-TX-115
TX	715	241-TX-111-11A-C	241-TX-112-12A-A
TX	Unknown	241-TX-110	241-TX-111
TX	Unknown	241-TX-110A-A	241-TX-106-06A-C
TX	7238	241-TX-106-06D-U2	241-TXR-153-U4
TX	7235	241-TX-107-07C-U2	241-TXR-153-U5
TX	7217	241-TX-106-06C-U1	241-TXR-153-L9
TX	7244	241-TX-105-05D-U2	241-TXR-153-U2
TX	V615	241-TX-115	241-TX-153-L9
TX	SN209	241-TX-115-15A	SN208
TX	SN210	241-TX-111-11A	SN208
TX	SN208	241-TX-118-18A	244-TX-C
TX	V609	241-TX-101	241-TX-153-L3
TX	7010	241-TX-101-01A-U1	241-TXR-152-L14
TX	7020	241-TX-101-01C-U1	241-TXR-153-L12
TX	7047	241-TX-101-01C-U2	241-TXR-152-U1
TX	Drain	241-TX-101	241-TXR-152
TX	V608	241-TX-101	241-TX-153-L2
TX	7041	241-TX-102-02C-U2	241-TXR-152-U3

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
TX	7017	241-TX-102-02C-U1	241-TXR-152-L9
TX	708	241-TX-102-02A-D	241-TX-103-03A-A
TX	7006	241-TX-102-02A-U1	241-TXR-152-L14
TX	7037	241-TX-102-02D-U1	241-TSR-152-L19
TX	7237	241-TX-106-06D-U1	241-TXR-153-L19
TX	7241	241-TX-106-06C-U2	241-TXR-153-U3
TX	7038	241-TX-102-02D-U2	241-TXR-152-U4
TX	Unknown	241-TX-106-06A-D	241-TX-107-07A-C
TX	7206	241-TX-106-06A-U1	241-TXR-153-L15
TX	7035	241-TX-103-03C-U2	241-TXR-152-U5
TX	7032	241-TX-103-03D-U2	241-TXR-152-U6
TX	7164	241-TX-104-04C-U2	241-TXR-152-U7
TX	7166	241-TX-104-04D-U2	241-TXR-152-U8
TX	7632	241-TXR-152-L1, 2,3,4,5,6,7,8	241-TXR-151-U12
TX	7162	241-TX-104-04C-U1	241-TXR-152-L11
TX	7014	241-TX-103-03C-U1	241-TXR-152-L13
TX	7002	241-TX-103-03A-U1	241-TXR-152-L16
TX	7159	241-TX-105-05A-B	241-TXR-152-L17
TX	7628	241-TXR-152-U9	241-TXR-151-U7
TX	7012	241-TXR-152-U10, 12,13	241-TXR-151-U8
TX	7025	241-TXR-152-U11	241-TXR-151-U19
TX	V600	241-TXR-152-U14	241-TXR-153-U14/241-TX-153-U8
TX	7214	241-TX-107-07C-U1	241-TXR-153-L13
TX	7232	241-TX-107-07D	241-TXR-153-U6
TX	V617	241-TX-107	241-TX-153-L11
TX	709	241-TX-103-03A-C	241-TX-104-04A-A
TX	710	241-TX-108-08A-A	241-TX-104-04A-C
TX	Unknown	241-TX-107	241-TX-108
TX	711	241-TX-107-07A-A	241-TX-108-08A-C
TX	Unknown	241-TX-111	241-TX-112
TX	717	241-TX-118	15-D-Valve Pit/241-TX-112
TX	5193	241-TX-115-15A-U6	15-B Valve Pit
TX	5191	241-TX-115-15A-U1	15-X
TX	Unknown	241-TX-115	15-X
TX	750	241-TX-118-18A	241-TX-TX-115-15A-U2
TX	5185	241-TX-15A-U3	241-TXR-151-U11
TX	728	241-TX-118	241-TY-104-A
TX	723	241-TX-118-18A	242-T
TX	724	241-TX-118	242-T

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
TX	V831	TX-14B-Valve Pit	242-T-151-L1
TX	5185	242-T-151-U2	242-T
TX	7202	241-TX-107-07A-U1	241-TXR-153-L15
TX	7631	241-TXR-151-U15	24`-TXR-153-L1, 2,3,4,5,6,7,8
TX	7384	241-TX-108-08C-U2	241-TXR-153-U7
TX	7366	241-TX-108-08D-U2	241-TXR-153-U8
TX	7362	241-TX-108-08C-U1	241-TXR-153-L11
TX	Unknown	241-TZ	242-T
TX	7613	241-TXR-244-U2-Tank-003	241-TXR-151-L1
TX	Unknown	241-TXR-244-Tank-003	241-TXR-244-U2-Tank-001
TX	Unknown	241-TXR-244-Tank-002	241-TXR-244-U1-Tank-001
TX	7647	241-TXR-244-U1-Tank-003	241-TXR-151-L8
TX	7809	241-TXR-244-U2-Tank-002	241-TXR-151-L3
TX	7648	241-TXR-244-U1-Tank-002	241-TXR-151-L10
TX	7622	241-TXR-244-U3-Tank-001	241-TXR-151-L7
TX	7601	241-TXR-244-Tank-001	241-TXR-151-L5
TX	7625	241-TXR-151-U13	241-TXR-153-U9
TX	7212	241-TXR-151-U6	241-TXR-153-U10, 12, 13
TX	7225	241-TXR-151-U18	241-TXR-153-U11
TX	7644	241-TXR-151-U21, 23, 25	241-TXR-151-U21, 23, 25
TX	6025	241-TXR-151-U20	241-TR-152-U10
TX	7630	241-TXR-151-U17	241-TR-153-U9
TX	7636	241-TXR-151-U5	241-TX-153-L4
TX	7624	241-TXR-151-U14	Capped
TX	6012	241-TXR-151-U10	Capped
TX	Drain	241-TXR-244-002-Sump	241-TXR-151
TX	SN249	244-TX-A	704
TX	6012	244-TX-104	244-TX
TX	V604	241-TX-153-B1	241-TX-153-B2
TX	V606	241-TX-153-C2	219-1 Crib
TX	V603	241-TX-153-A1	241-TX-153-A2
TX	Drain	241-TX-302A	241-TX-153
TX	V598	241-TX-153-U1	241-TX-302A
TX	Drain	241-TX-302B	Encasement Drain
TX	Drain	241-TX-302A	Crib
TX	V413	241-TX-155-L20	241-TX-153-U3
TY	Unknown	241-TY-105	241-TY-106
TY	704	241-TY-103-A	241-TY-102
TY	Unknown	241-TY-103	241-TY-104

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
TY	Unknown	241-TY-101	241-TY-102
TY	V648	241-TY-101	241-TY-153-L11
TY	V649	241-TY-101	241-TY-153-L12
TY	724	241-TY-101-01A-A	241-TY-103-03A-A
TY	Unknown	241-TY-103-03A-A	241-TY-103-C
TY	726	241-TY-01A-C	241-TY-102-02A-A
TY	727	241-TY-102-02A-C	241-TY-104-04A-C
TY	V644	241-TY-103	241-TY-153-L7
TY	V645	241-TY-103	241-TY-153-L8
TY	Drain	241-TY-302A	241-TY-153
TY	V402	Capped	Capped
TY	V406	Capped	Capped
TY	V408	Capped	Capped
U	5012	241-UR-152	241-UR-151
U	5025	241-UR-152	241-UR-151
U	5225	241-UR-151	241-UR-153
U	5412	241-UR-151	241-UR-154
U	5425	241-UR-151	241-UR-154
U	5624	241-UR-152	241-UR-151
U	5626	241-UR-151	241-UR-154
U	5630	241-UR-152	241-UR-151
U	5632	241-UR-151	241-UR-154
U	4859/4703	241-TX-155	241-UX-154
U	SL101	241-UD	Blocked
U	V426	241-U-152	241-U-153
U	V458	241-U-153	240-S-151
U	V459	241-U-153	240-S-151
U	V460	241-U-153	240-S-151
U	V465	241-U-153	241-U-110
U	V466	241-U-153	241-U-110
U	V467	241-U-153	241-U-110
U	V470	241-U-153	241-U-107
U	V471	241-U-153	241-U-107
U	V471	241-U-153	241-U-107
U	V472	241-U-153	241-U-107
U	V472	241-U-153	241-U-107
U	5447	241-U-107-07C-U2	241-U-UR-154-1

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
U	5444	241-U-107-07A-U2	241-U-154-U2
U	5441	241-U-108-08C-U2	241-UR-154-U3
U	5438	241-U-108-08A-U2	241-UR-154-U4
U	5435	241-U-109-09C-U2	241-UR-154-U5
U	5432	241-U-109-09A-U2	241-UR-154-U6
U	5417	241-U-108-08C-U1	241-U-154-L7
U	5507	241-UR-154-L8	241-U-153-L8
U	5107/V473	241-UR-152	241-U-153-L11
U	5420	241-U-107-07C-U1	241-UR-154-L9
U	5414	241-U-109-09C-U1	241-UR-154-L10
U	5410	241-U-107-07A-U1	251-UR-154-L11
U	5406	241-U-108-08A-U1	241-UR-154-L12
U	5402	241-U-109-09A-U1	241-UR-154-L13
U	5431	241-U-107-07A	241-UR-154-L14
U	5437	241-U-108-08A-U3	241-UR-154-L15
U	Drain	241-U-107-07C	241-UR-154
U	SL108	241-U-107-07B-A	241-UD-R9
U	5076	241-UR-Tank-001	U-103, 109,108,105,107,102
U	SN206	241-U-107-07A-A	241-UD-R14
U	Drain	241-U-107-07A	Clean Out Box-U-31
U	SL108	241-U-110-10B-A	241-UD-R7
U	5041	241-U-102-02C-U2	241-UR-152-U3
U	5053	241-U-102-02C-U1	241-UR-152
U	SL111	241-U-102-02B-A	241-UB-R7
U	Drain	241-U-102-02A	P19 K1 Exhauster
U	5038	241-U-102-02A-U2	241-UR-152-U4
U	5006	241-U-102-02A-U1	241-UR-152-L12
U	SN211	241-U-102-02A-A	241-UB-R14
U	Drain	241-U-102-02A-C	Clean Out Boxes-U32, 33, 34
U	5037	241-U-102-02A-U3	241-UR-152-L15
U	5241	241-U-105-05C-U2	241-UR-153-U3
U	5631	241-UR-153-L1-6	241-UR-151-U13
U	5212	241-UR-153-U-9, 11,12	241-UR-151-U8
U	5644	241-UR-151-U-18, 19,21	241-UR-151-U-18, 19,21
U	SN2025	241-U-108-08A-A	241-UC-L15
U	SL105	241-U-108-08B-A	241-UC-L9
U	Drain	241-U-108-08A-C	Clean Out Box U-29
U	Drain	241-U-108-08A-B	P-20 Exhauster
U	5237	241-U-105-05A-U3	241-UR-153-L15

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
U	Drain	241-U-105-05C-U11	241-UR-153
U	Drain	241-U-105-05C-B	241-UA, 241-UB Flush Pits
U	SL112	241-U-105-05B-A	241-UA-L7
U	5238	241-7-105-051-U2	241-UR-153-U4
U	SN212	241-U-105-05C-A	241-U-L14
U	Drain	241-U-111-11A-E	241-UC
U	SN207	251-U-111-11A-A	241-UD-R20
U	SN215	241-U-111-11A-B	241-UD-R15
U	SN213	241-U-111-11A-C	241-UC-L15
U	SN207	241-U-111-11B-A	241-UC-L15
U	5235	241-U-106-06C-U2	241-UR-153-U5
U	5232	241-U-106-06A-U2	241-UR-153-U6
U	5625	241-UR-153-U8	241-UR-151-U11
U	5214	241-U-105-05A-U1	241-UR-153-L10
U	5206	241-U-105-05A-U1	241-UR-153-L12
U	5202	251-U-106-06A-U1	241-UR-153-L13
U	SN210	241-U-106-06C-A	241-UA-L15
U	SL110	241-U-06B	241-UA-L9
U	5002	241-U-103-03A-U1	241-UR-152-L13
U	5014	241-U-103-03C-U1	241-UR-152-L10
U	5035	241-U-103-03C-U2	241-UR-152-U5
U	5032	241-U-103-03A-U2	241-UB-R9
U	SL109	241-U-103-03B-A	Service Pit
U	SN209	241-U-103-03A-A	241-UB-R-15
U	SN202	241-UC-L12	241-UA-L1
U	SL102	241-UC-L10	241-UA-L3
U	SL104	241-U-109-09B-A	241-UC-L7
U	SL205	241-U-109-09A-A	241-UC-L14
U	V407	V201	241-U-252-L1
U	V488	241-U-201	241-U-252-L2
U	V489	241-U-202	241-U-252-L3
U	V490	241-U-203	241-U-252-L4
U	V491	241-U-203	241-U-252-L5
U	V492	241-U-203	241-U-252-L6
U	V493	241-U-204	241-U-252-L7
U	SL103	241-UD-RID	241-UB-R3
U	SN203	241-UC-R12	241-UB-R2
U	Flush	241-UC-L17	241-UC Flush Pit
U	Unknown	241-UC-L19	241-UD-R18

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
U	Unknown	241-UC-L19	241-UD-R19
U	Flush	241-UD-R17, R21	241-UD-Flush Pit/R-8
U	SN264	241-UD-R5	244-U-A Vault
U	SN265	241-UD-r4	244-UB-Vault
U	SN266	242-U-C	Capped
U	SN216	241-UD-R1/SN282	241-SY-B-R2
U	V427	241-U-152-15	241-U-153-U5
U	V461/V428	241-U-152-L6	241-U-153-U4
U	Drain	241-U-301-B	241-U-152
U	V716	241-U-301-B	244-U-E-Vault
U	V430	241-U-153-U9	241-U-151-L1
U	V410	241-U-151-U2	241-TX-155-L17
U	Unknown	241-UA-L18	241-UB-R-18
U	Unknown	241-UA-L19	241-UB-R19
U	Flush	241-UB-R-17, R-8, R-6	241-UB Flush Pit
U	Flush	241-UA-L8, L-7, L-6	241-UA Flush Pit
U	V416	241-U-152-U1	241-TX-153-U10
UA	No number	241-UA	241-UB
UA	No number	241-UA	241-UB
UX	4977	241-UX-152-U4	241-WR
UX	V374	241-UX-U6	221-U
UX	V363	241-UX-154-U7	241-ER-151-U6
UX	V384	241-UX-154-U8	241-TX-155-U17
UX	V375	241-UX-154-U9	241-TX-155-U17
UX	V376	241-US-154-U10	241-TX-155-U15
UX	V362	241-UX-154	241-ER-151-U4
UX	V361	241-UX-154-U12	241-ER-151-U3
UX	V366	241-UX-154-U13	241-ER-151-U9
UX	V360	241-UX-154-L1	241-ER-151-U2/241-E1-151-Vent Station
UX	V379	241-UX-154-U16	241-UX-302A
UX	Drain	241-UX-302A	241-UX-154
UX	Unknown	241-UX-302A	291-U Stack
UX	4878	241-UX-154-L-2	241-WR
UX	V382	241-UX-154	241-TX-155-U11
UX	4851	241-UX-154-L-4	241-UTX-155-U3
UX	4702	241-UX-154-L-6	241-WR
UX	5613	244-UR-Tank-002-U2	241-UR-151-L1
UX	5609	244-UR-Tank-002-U2	251-U4-151-L3
UX	5653	244-UR-Tank-004	241-U4-151-L4

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Table 8 - Inactive Transfer Lines			
Farm	Transfer line identifier	Connection facility	Connection facility
UX	5601	244-UR-Tank-001	241-U4-151-L5
UX	5622	244-UR-Tank-001-U3	241-UR-151-L7
UX	5647	244-UR-U1-Tank-001	241-UR-151-L8
UX	5648	244-UR-U1-Tank-002	241-UR-151-L10
UX	7785	244-UR	241-UR-151
UX	V392	241-TX-154-L2	241-TX-155-U18
UX	V736	241-TX-154-L6	291-5 STACK
UX	V391	241-TX-154	241-TX-155-U16
UX	V388	241-TX-154-L4	241-TX-152-U3
UX	V387	241-TX-154-L5	241-TX-152-U1
UX	V385	241-TX-154	Capped
UX	V384	241-TX-154-7	Capped
UX	V383	241-TX-154-L7	Capped
UX	Drain	241-TX-308C	241-TX-154
UX	V386	241-TX-155-V8	Capped
UX	V394	241-TX-155-A1	241-TX-155-A2
UX	V395	241-TX-155-B1	241-TX-155-B2
UX	V387	B155-U10	Capped
UX	V388	241-TX-155-U112	Capped
UX	V393	241-TX-302B	241-TX-155-V19
UX	Drain	241-TX-302B	241-TX-155
UX	7616	241-TX-155	241-TX-151-U2, U3
UX	V936	241-TX-155-L2	241-TX-153-U15
UX	V401	241-TX-155-L8	241-TX-153-U12
UX	V397	241-TX-155-L4	241-TX-153-U14
UX	V445	241-U-151-U1	241-T-151-L6
UX	820	241-TX-152-U5	To Drain
UX	V407	241-TX-155-L14	241-TX-153-U6
UX	V406	241-TX-155-L13	Capped
UX	V408	241-TX-155-L15	Capped
UX	V410	241-TX-155-L17	Capped
UX	V409	241-TX-155-L16	241-TX-153-U4
UX	V403	241-TX-155-L10	241-TX-153-U11

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Table 9 - Single-Shell Tank System/Double-Shell Tank System Interface Points					
Farm	Transfer Line	From Facility	Interface Point	To Facility	Interface Point
A	Unknown Drain	241-A-164 Seal Pot	DST	241-A-350-Side Wall	N/A
A	Overflow	241-A-106 Side Wall	N/A	241-A-350-	DST
A	Drain-307	241-A-Service Pit	DST	241-A-350-D	N/A
A	Drain-306	241-A-A Flush Pit Floor Drain	DST	Drain-307	N/A
A	Drain-305	241-A-B-Floor Drain	DST	Drain-307	N/A
A	Drain-300	207-A-Pump Pit Floor Drain	DST	241-A-350-A	N/A
A	Drain-303	Clean Out Box A-5	DST	Drain-301	N/A
A	Drain-316	Clean Out Box A-8	DST	Drain-301	N/A
A	Drain-304	Clean Out Box A-9	DST	Drain-301	N/A
A	SL-107	241-A-01H-A	N/A	241-A-A-Valve Pit-L-5	DST
A	Flush Line	241-A-A-Flush Pit	N/A	241-A-A-Valve Pit-L17-L6-L8	DST
A	404/V-029/4004/G34/4029	202-A	N/A	241-A-A-Valve Pit-L-12	DST
A	SL-105	241-A-03D-A	N/A	241-A-B-Valve Pit-R5	DST
A	Flush Line	241-A-B-Flush Pit	N/A	241-A-B-Valve Pit-R6-R8-R17	DST
A	4001/T029	202-A	N/A	241-A-B-Valve Pit-R12	DST
A	V-021	241-A-151-L-25	N/A	241-AN-Valve Pit-L-12	DST
A	CND-323	216-A-40-Crib	DST	244-A-P-6	N/A
A	EFD-02	241-A-401 Condensate Building	N/A	241-A-401-Diversion Caisson	DST
A	EFD-92	241-A-401 Condensate Building	N/A	241-A-401-Diversion Caisson	DST
A	SN-207	241-A-A-L14	DST	241-A-01B-A	N/A
A	SL-102	241-A-B-R7	DST	241-A-06D-A	N/A
A	SL-106	241-A-B-R10	DST	241-A-02D-A	N/A
A	SN-202	241-A-B-R11	DST	241-A-06C-A	N/A
A	SN-205	241-A-B-R14	DST	241-A-03C-A	N/A
AW	V023 Encasement Drain	V-023 Encasement	N/A	241-AW-B-Valve Pit-Side Wall	DST
AW	V-021 Encasement Drain	V-021 Encasement	N/A	241-AW-A-Valve Pit-Side Wall	DST
AW	V-023	241-A-151-L-23	N/A	241-AW-B-Valve Pit-R-11	DST
AW	V-021	241-A-151-L-25	N/A	241-AW-A-Valve Pit-L-12	DST
AW	V-022 Encasement Drain	V-022 Encasement	N/A	241-AW-B-Valve Pit-Side Wall	DST
AW	V-022	244-AR-T-9-A	N/A	241-AW-B-Valve Pit-R12	DST
AX	CNDS-F102	241-AX-152	N/A	241-AX-501	DST
AX	PW-4508/B105	241-AX-152	DST	241-AZ-101	N/A
AX	PW-4511/B107/4601	241-AX-152	DST	241-AZ-102	N/A
AX	PW-4502/B1081/B108	241-AX-152	DST	241-AY-101	N/A
AX	SL-111	241-AX-A-L7	DST	241-AX-03A-A	N/A
AX	Drain-V713	241-AX-155	DST	241-AX-152	N/A
AX	Drain-331	Clean Out Box AX-22	DST	Drain-314	N/A
AX	PW-B-103	241-AX-101 – Side Wall	N/A	241-AX-152-B3	DST
AX	PW-4501/A1081/A108	241-AX-152	DST	241-AY-101	N/A

Attachment 1

Table 9 - Single-Shell Tank System/Double-Shell Tank System Interface Points

Farm	Transfer Line	From Facility	Interface Point	To Facility	Interface Point
AX	PW-4505/B1061/B106	241-AX-152	DST	241-AY-102	N/A
AX	PW-4504/A1061/A106	241-AX-152	DST	241-AY-102	N/A
AX	SN-211	241-AX-A-L14	DST	241-AX-03D-A	N/A
AX	SN-208	241-AX-A-L15	DST	241-AX-01B-A	N/A
AX	SL-112	241-AX-B-R9	DST	241-AX-04A-A	N/A
AX	SN-209	241-AX-B-R14	DST	241-AX-02D-A	N/A
AX	SN-212	241-AX-B-R14	DST	241-AX-04B-A	N/A
AX	SL-108	241-AX-01A-A	N/A	241-AX-A-Valve Pit-L9	DST
AX	Flush Line	241-AX-A-Flush Pit	N/A	241-AX-A-Valve Pit-L6/L8/L17	DST
AX	SL-109	241-AX-02A-A	N/A	241-AX-B-Valve Pit-R7	DST
AX	Flush Line	241-AX-13-Flush Pit	N/A	241-AX-B-Valve Pit-R6/R8/R17	DST
AX	Drain-324	Clean Out Box-AX-21	DST	Drain-314	N/A
AX	Drain-332	Clean Out Box-AX-23	DST	Drain-314	N/A
AX	Drain-327	241-AX-SP-Floor Drain	DST	241-AX-WT-SP-137	N/A
AX	Drain-328	241-AX-B-Flush Pit	DST	Drain-327	N/A
AX	Drain-337	241-AX-A-Flush Pit	DST	Drain-327	N/A
AX	RW-Unknown	Hose Connection	N/A	241-AX-155-Exterior Wall	DST
AY	PW-4021	241-AX-151-G-Cell	NA	2241-AY-151-L2	DST
AY	PW-4530	241-A-153-U1	NA	241-AY-151-U4	DST
AY	PSW-8028	241-AX-04D-U5	NA	241-AY-152-U7	DST
AY	PSW-8061	241-AX-04A-U5	NA	241-AY-152-L7	DST
AY	PSW-8027	241-AX-04C-U3	NA	241-AY-152-U16	DST
AY	PSW-8024	241-AX-02D-U5	NA	241-AY-152-U15	DST
AY	PSW-8062	241-AX-02A-U5	NA	241-AY-152-L6	DST
AY	PSW-8023	241-AX-02C-U3	NA	241-AY-152-U14	DST
AY	PSW-8063	241-AX-01A-U8	NA	241-AY-152-L5	DST
AY	PSW-8026	241-AX-01C-U5	NA	241-AY-152-U13	DST
AY	PSW-8025	241-AX-01D-U3	NA	241-AY-152-U12	DST
AY	PSW-8022	241-AX-03C-U5	NA	241-AY-152-U11	DST
AY	PSW-8021	241-AX-03D-U3	NA	241-AY-152-U10	DST
AY	PSW-8064	241-AX-03A-U8	NA	241-AY-152-L4	DST
AY	PSW-806	244-AR-T11	NA	241-AY-152-A	DST
AY	PSW-802	244-AR-T4	NA	241-AY-152-B	DST
AY	Condensate-101	241-AX-101-Side Wall	NA	241-AY-501-	DST
AY	Condensate-102	241-AX-102-Side Wall	NA	241-AY-501-	DST
AY	Condensate-103	241-AX-103-Side Wall	NA	241-AY-501-	DST
AY	Condensate-104	241-AX-104-Side Wall	NA	241-AY-501-	DST
AY	Condensate	Ion Exchange Effluent	NA	241-AY-501	DST
AY	NHW-V-714	202-A-F16	NA	241-AR-151-2	DST
AY	NHW-V-714-Encasement Drain	NHW-V-714-Encasement	NA	241-AR-151-3	DST
AY	PAW-V-716	244-AR-T-8	NA	241-AR-151-9	DST
AY	NHW-V-718/817/4019	244-AR-T-15	NA	241-AR-151-10	DST
AY	DrainV-717	244-AR-T9	DST	241-AR-151-Floor Drain	NA

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Table 9 - Single-Shell Tank System/Double-Shell Tank System Interface Points

Farm	Transfer Line	From Facility	Interface Point	To Facility	Interface Point
AY	DR-0050	241-AY-501	DST	DR-0029	N/A
AY	PW-4523	LPD-AY-102A	DST	PW-4027/4526	N/A
AY	PW-4522	LPD-AY-101B	DST	PW-4526	N/A
AY	PW-4522	LPD-AY-101A	DST	PW-4522	N/A
AY	PW-4021	241-AY-151	DST	241-AX-152	N/A
AZ	Condensate-F-561	216-A-08	N/A	241-AZ-F505	DST
BX	SN-215	241-BX-111	NA	244-BX-A	DST
BX	SN-208	241-BX-101	NA	244-BX-B	DST
BX	SN-200	241-BX-102	NA	244-BX-C	DST
BX	SN-207	241-BX-103-03A	NA	244-BX-D	DST
BX	SN-216	241-BX-110	NA	244-BX-E	DST
BX	SN-231	241-B-104/107/110	NA	244-BX-F	DST
BX	SN-227	241-B-108	NA	244-BX-G	DST
BX	SN-223	241-B-103	NA	244-BX-H	DST
BX	PAS-244	221-B-25.1	NA	241-ER-152-1	DST
BX	Overflow To Encasement	PAS-244-Encasement	NA	241-ER-152-5	DST
BX	V-228 (PAS)	241-CR-153-U6A	NA	241-ER-153-7	DST
BX	PAS-244	244-CR-U13	NA	241-ER-153-9	DST
BX	Overflow To Encasement	PAS-228 Encasement	NA	241-ER-153-8	DST
BX	9719/979	241-BXR-151-U24	NA	241-ER-151-L3	DST
BX	9653/243	221-B	NA	241-ER-151-L7	DST
BX	8653/8618	241-CR-151-U14	NA	241-ER-151-L9	DST
BX	V-225	241-B-151-U1	NA	241-ER-151-L10	DST
BX	V-365	Flow Transmitter Box	NA	241-ER-151-U8	DST
BX	V-219	B Facility Aqueous Waste	NA	241-ER-151-L2	DST
C	SL-100	241-C-06A-U9	DST	241-AY-02A-U11	NA
C	SL-100 Encasement Drain	241-C-06A-U8	DST	SL-100 Encasement	NA
C	SN-200	241-C-06C-U6	DST	241-AY-02E-U2	NA
C	SN-200 Encasement Drain	241-C-06C-U7	DST	SN-200 Encasement	NA
S	SN-245	241-S-107-07A-8	N/A	244-S-18	DST
S	SN-246	241-S-107-07A-7	N/A	244-S-17	DST
S	SN-247	241-S-107-07A-7	N/A	244-S-17	DST
S	SN-248	241-S-107-07A-5	N/A	244-S-15	DST
S	SN-249	241-S-107-07A-4	N/A	244-S-14	DST
S	V-526	241-SX-151-U13	N/A	241-S-151-L4	DST
S	V-527	241-SX-151-U10	N/A	241-S-151-L5	DST
S	V-528	241-SX-151-U8	N/A	241-S151-L6	DST
S	V-529	241-SX-151-U6	N/A	241-S-151-L7	DST
S	V-530	241-SX-151-U4	N/A	241-S-151-L8	DST
S	V-533	216-S-Crib	N/A	241-S-151-L11	DST
S	V-534	241-S-110	N/A	241-S-151-L12	DST
S	V-535	241-S-110	N/A	241-S-151-L13	DST
S	V-536	241-S-107	N/A	241-S-151-L14	DST
S	V-537	241-S-107	N/A	241-S-151-L15	DST
S	V-538	241-S-104	N/A	241-S-151-L16	DST
S	V-539	241-S-104	N/A	241-S-151-L17	DST
S	V-540	241-S-107	N/A	241-S-151-L18	DST
S	V-541	241-S-101	N/A	241-S-151-L19	DST
S	V-508	240-S-151-L17	N/A	241-S-151-U6	DST
S	V-509	240-S-151-L16	N/A	241-S-151-U7	DST

Attachment 1

Table 9 - Single-Shell Tank System/Double-Shell Tank System Interface Points

Farm	Transfer Line	From Facility	Interface Point	To Facility	Interface Point
S	V-512	240-S-151-L13	N/A	241-S-151-U10	DST
S	V-513	240-S-151-L12	N/A	241-S-151-U11	DST
S	V-514	240-S-151-L6	N/A	241-S-151-U12	DST
S	V-515	240-S-151-L9	N/A	241-S-151-U14	DST
S	V-516	240-S-151-L7	N/A	241-S-151-U15	DST
S	V-517	202-S-Lab Waste	N/A	241-S-S-151-U16	DST
S	V-519	240-S-151-L2	N/A	241-S-151-U18	DST
SY	SN-283	242-S-13	N/A	241-SY-102-023-A	DST
SY	SN-283 Encasement Drain	SN-283-Encasement	N/A	241-SY-102-02E- Side Wall	DST
SY	SN-284	242-5-14	N/A	241-SY-02E-B	DST
SY	SN-284 Encasement Drain	SN-284-Encasement	N/A	241-SY-102-02E Side Wall	DST
SY	Drain-375	Clean Out Box-SY-1	N/A	241-SY-102-02D-B	DST
SY	Drain-375-Encasement Drain	Drain-375-Encasement	N/A	241-SY-102-02D Side Wall	DST
SY	SN-275	241-S-A-L20	N/A	241-SY-A-Valve Pit-L1	DST
SY	SN-281	241-S-152-10	N/A	241-SY-A-Valve Pit-L2	DST
SY	SN-281 Encasement	SN-281 Encasement	N/A	241-SY-A-Valve Pit Side Wall	DST
SY	SL-175	242-S-19	N/A	241-SY-A-Valve Pit-L3	DST
SY	SL-175 Encasement Drain	SL-175 Encasement	N/A	241-SY-A-Valve Pit Side Wall	DST
SY	SN-276	241-S-B-R-20	N/A	241-SY-B-Valve Pit-R1	DST
SY	SN-282/SN-216	241-U-D-R1	N/A	241-SY-B-Valve Pit-R2	DST
SY	SN-282/SN-216 Encasement Drain	SN-282/SN-216 Encasement	N/A	241-SY-B-Valve Pit-Side Wall	DST
SY	SL-176	241-S-152-8	N/A	241-SY-B-Valve Pit-R3	DST
SY	SL-176 Encasement Drain	SL-176 Encasement	N/A	241-SY-B-Valve Pit-Sidewall	DST
TX	SN-249	241-TY-103/241-TX-109	NA	244-TX-A	DST
TX	SN-211	241-TX-112	NA	244-TX-B	DST
TX	SN-208	241-TX-118	NA	244-TX-C	DST
TX	SN-204	241-TX-117	NA	244-TX-D	DST
TX	SN-200	241-TX-116	NA	244-TX-E	DST
TX	SN-6012	241-T-104	NA	244-TX-H	DST
TX	SB-7624	241-T-111	NA	244-TX-I	DST
TX	V-387	241-TX-154-L5	NA	241-TX-152-U1	DST
TX	V-387 Encasement Drain	V-387 Encasement	NA	241-TX-152-L2	DST
TX	V-388	241-TX-154-L4	NA	241-TX-152-U3	DST
TX	V-388 Encasement Drain	V-388 Encasement	NA	241-TX-152-L4	DST
TX	Drain-820	V-383, 4,5,7,8,391,392 Concrete Encasement	NA	241-TX-152-U5	DST
TX	Drain-820 Encasement Drain	Drain-820-Encasement	N/A	241-TX-152-L6	DST
TX	RW-	Hose Connection	N/A	241-TX-152-Spray Nozzle	DST
TX	RW-	Hose Connection	N/A	241-TX-152 External	DST
TX	RW-	Hose Connection	N/A	241-TX-152 Wall	DST
TX	RW-	Hose Connection	N/A	241-TX-152	DST
TX	RW-	Hose Connection	N/A	241-TX-152	DST
TX	RW-	Hose Connection	N/A	241-TX-152	DST
U	V-450	241-U-153-U9	N/A	241-U-151-L1	DST

Attachment 1

Table 9 - Single-Shell Tank System/Double-Shell Tank System Interface Points

Farm	Transfer Line	From Facility	Interface Point	To Facility	Interface Point
U	V-445	241-T-151-L6	N/A	241-U-151-U-1	DST
U	V-410	241-TX-155-L17	N/A	241-U-151-U2	DST
U	V-426	241-U-153-U6	N/A	241-U-152-L4	DST
U	V-427	241-U-153-U5	N/A	241-U-152-L5	DST
U	V-428/V-461	241-U-153-U4	N/A	241-U-152-L6	DST
U	V-416	241-TX-153-U10	N/A	241-U-152-U1	DST
U	V-473	241-U-252-Floor Drain	N/A	241-U-301-B-Catch Tank	DST
U	4878	241-WR-Tank-Pump	N/A	241-UX-154-L2	DST
U	V-382	241-TX-155-U-11	N/A	241-UX-154-L3	DST
U	4851	241-TX-155-U3	N/A	241-UX-154-L4	DST
U	4703/4859	241-TX-155-U2	N/A	241-UX-154-L5	DST
U	4702	241-WR	N/A	241-UX-154-L6	DST
U	4853/V-762	241-SX-152	N/A	241-UX-154-L9	DST
U	V-374	221-USEC-5CONN-101	N/A	241-UX-154-U6	DST
U	V-375	241-TX-155-U17	N/A	241-UX-154-U9	DST
U	V-376	241-TX-155-U15	N/A	241-UX-154-U10	DST
U	4977	241-WR-Vault	N/A	241-UX-154-U4	DST

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/State I.D. No. W A 7 8 9 0 0 0 8 9 6 7

FOR OFFICIAL USE ONLY

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Tank	S02	Gallons or liters
Waste pile	S03	Cubic yards or cubic meters
Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
Land application	D82	Acres or hectares
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Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
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Liters	L	Tons Per Hour	D	Hectare-Meter	F
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FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/State I.D. No.
		W A 7 8 9 0 0 0 8 9 6 7

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Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
Land application	D82	Acres or hectares
Ocean disposal	D83	Gallons per day or liters per day
Surface impoundment	D84	Gallons or liters
TREATMENT:		
Tank	T01	Gallons per day or liters per day
Surface impoundment	T02	Gallons per day or liters per day
Incinerator	T03	Tons per hour or metric tons per hour; gallons per hour or liters per hour
Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Liters Per Day	V	Acre-Feet	A
Liters	L	Tons Per Hour	D	Hectare-Meter	F
Cubic Yards	Y	Metric Tons Per Hour	W	Acres	B
Cubic Meters	C	Gallons Per Hour	E	Hectares	Q
Gallons Per Day	U	Liters Per Hour	H		

*Add per request of Washington State Department of Ecology (01/2001)

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/State I.D. No.
		W A 7 8 9 0 0 0 8 9 6 7

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B. Revised Application (Place an "X" below and complete Section I above)

☒ **1. Facility has an Interim Status Permit**

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III. PROCESSES – CODES AND DESIGN CAPACITIES

A. Process Code – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the codes(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the (Section III-C).

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STORAGE:		
Container (barrel, drum, etc.)	S01	Gallons or liters
Tank	S02	Gallons or liters
Waste pile	S03	Cubic yards or cubic meters
Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
Land application	D82	Acres or hectares
Ocean disposal	D83	*Gallons per day or liters per day*
Surface impoundment	D84	Gallons or liters
TREATMENT:		
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Dangerous Waste Permit Application
88-21 Part A

DOE/RL-88-21
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HANFORD FACILITY DANGEROUS WASTE PART A PERMIT APPLICATION

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CLOSED 08/09/99

4.2 200 AREA FACILITIES

4.2.1 Treatment Facilities

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	4.2.1.15	Plutonium Finishing Plant Treatment and Storage Unit	2	07/05/2000	Denied
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W	4.2.2.5	PUREX Storage Tunnels	5B	09/30/2002	Pending
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W	4.2.2.7	Central Waste Complex	6	06/28/1999	Pending
	4.2.2.8	Single-Shell Tank System	6	12/21/1999	01/12/00
W	4.2.2.8	Single-Shell Tank System	8	01/16/2003	Pending
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	4.2.3.11	216-B-3 Expansion Ponds CLEAN CLOSED, 07/31/95	0	12/16/1993	07/31/95

4.3 300 AREA FACILITIES

4.3.1 Treatment Facilities

	4.3.1.1	3718-F Alkali Metal Treatment and Storage Area CLEAN CLOSED, 08/04/98	4	09/26/1996	08/04/98
	4.3.1.2	324 Pilot Plant CLOSED 06/09/97	3	05/19/1988	06/09/97
	4.3.1.3	304 Concretion Facility CLEAN CLOSED, 1/21/96	4	06/21/1990	01/21/96
	4.3.1.4	300 Area Solvent Evaporator CLEAN CLOSED, 07/31/95	4	03/27/1990	07/31/95
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	Units			
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W 4.3.2.2	303-K Storage Facility CLOSED 07/22/02	5A	09/26/1996	07/22/02
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4.3.3 Disposal Facilities

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4.4.1 Treatment Facilities

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4.5 600 AREA FACILITIES

4.5.1 Treatment Facilities

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4.5.2 Storage Facilities

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4.5.3 Disposal Facilities

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4.6 3000 AREA FACILITIES

4.6.1 Treatment Facilities

4.6.1.1	Simulated High-Level Waste Slurry Treatment /Storage CLEAN CLOSED, 09/06/95	2	08/12/1994	09/06/95

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		Approved 04/03/02

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or If this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.

A. First Application (place an "X" below and provide the appropriate date)

☐ **1. Existing Facility** (See instructions for definition of "existing" facility. Complete item below.)

MO	DAY	YEAR
03	22	1943

*For existing facilities, provide the date (mo/day/yr) operation began or the date construction commenced. (use the boxes to the left)

*The date construction of the Hanford Facility commenced

☐ **2. New Facility** (Complete item below.)

MO	DAY	YEAR

For new facilities, provide the date (mo/day/yr) operation began or is expected to begin

B. Revised Application (Place an "X" below and complete Section I above)

☒ **1. Facility has an interim Status Permit**

☒ **2. Facility has a Final Permit**

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. Process Code – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the codes(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the (Section III-C).

B. Process Design Capacity – For each code entered in column A enter the capacity of the process.

1. Amount – Enter the amount.
2. Unit of Measure – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the un its of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
STORAGE:		
Container (barrel, drum, etc.)	S01	Gallons or liters
Tank	S02	Gallons or liters
Waste pile	S03	Cubic yards or cubic meters
Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre to a Depth of one foot) or hectare-meter
Land application	D82	Acres or hectares
Ocean disposal	D83	Gallons per day or liters per day
Surface impoundment	D84	Gallons or liters
TREATMENT:		
Tank	T01	Gallons per day or liters per day
Surface impoundment	T02	Gallons per day or liters per day
Incinerator	T03	Tons per hour or metric tons per hour; gallons per hour or liters per hour
Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Liters Per Day	V	Acre-Feet	A
Liters	L	Tons Per Hour	D	Hectare-Meter	F
Cubic Yards	Y	Metric Tons Per Hour	W	Acres	B
Cubic Meters	C	Gallons Per Hour	E	Hectares	Q
Gallons Per Day	U	Liters Per Hour	H		

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/State I.D. No.
		W A 7 8 9 0 0 0 8 9 6 7

FOR OFFICIAL USE ONLY

Application Approved	Date Received (month/ day / year)	Comments
		Approved 07/24/02

II. FIRST OR REVISED APPLICATION

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A. First Application (place an "X" below and provide the appropriate date)

☐ **1. Existing Facility** (See instructions for definition of "existing" facility. Complete item below.)

MO	DAY	YEAR
03	22	1943

*For existing facilities, provide the date (mo/day/yr) operation began or the date construction commenced. (use the boxes to the left)

*The date construction of the Hanford Facility commenced

☐ **2. New Facility** (Complete item below.)

MO	DAY	YEAR

For new facilities, provide the date (mo/day/yr) operation began or is expected to begin

B. Revised Application (Place an "X" below and complete Section I above)

☒ ***1. Facility has an Interim Status Permit***

☒ ***2. Facility has a Final Permit***

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. Process Code – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the codes(s) in the space provided. *If a process will be used that is not included in the list of codes below, then describe the* process (including its design capacity) in the space provided on the (Section III-C).

B. Process Design Capacity – For each code entered in column A enter the capacity of the process.

1. Amount – Enter the amount.
2. Unit of Measure – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
STORAGE:		
Container (barrel, drum, etc.)	*S01*	*Gallons or liters*
Tank	S02	Gallons or liters
Waste pile	S03	Cubic yards or cubic meters
Surface impoundment	S04	Gallons or liters
	S06	Cubic yards or cubic meters*
DISPOSAL:		
Injection well	D80	Gallons or liters
Landfill	D81	Acre-feet (the volume that would cover one acre *to a Depth of one foot) or hectare-meter*
Land application	D82	Acres or hectares
Ocean disposal	D83	Gallons per day or liters per day
Surface impoundment	D84	Gallons or liters
TREATMENT:		
Tank	T01	Gallons per day or liters per day
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Incinerator	T03	Tons per hour or metric tons per hour; gallons per hour or liters per hour
Other (use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Section III-C.)	T04	Gallons per day or liters per day

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Liters Per Day	V	Acre-Feet	A
Liters	L	Tons Per Hour	D	Hectare-Meter	F
Cubic Yards	Y	Metric Tons Per Hour	W	Acres	B
Cubic Meters	C	Gallons Per Hour	E	Hectares	Q
Gallons Per Day	U	Liters Per Hour	H		

*Add per request of Washington State Department of Ecology (01/2001)