

	WASHINGTON STATE DEPARTMENT OF ECOLOG Y	Dangerous Waste Permit Application Part A Form
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Date Received	Reviewed by: <i>[Signature]</i>	Date: 1 0 1 0 2 0 0 5
Month Day Year	Approved by: <i>[Signature]</i>	Date: 1 0 3 0 2 0 0 5
0 9 3 0 2 0 0 5		

I. This form is submitted to: (place an "X" in the appropriate box)

<input checked="" type="checkbox"/>	Request modification to a final status permit (commonly called a "Part B" permit)
<input type="checkbox"/>	Request a change under interim status
<input type="checkbox"/>	Apply for a final status permit. This includes the application for the initial final status permit for a site or for a permit renewal (i.e., a new permit to replace an expiring permit).
<input type="checkbox"/>	Establish interim status because of the wastes newly regulated on: _____ (Date)
List waste codes: _____	

II. EPA/State ID Number

W	A	7	8	9	0	0	0	8	9	6	7
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III. Name of Facility

US Department of Energy - Hanford Facility

IV. Facility Location (Physical address not P.O. Box or Route Number)

A. Street

825 Jadwin

City or Town	State	ZIP Code
Richland	WA	99352

County Code (if known)	County Name
0 0 5	Benton

B. Land Type	C. Geographic Location		D. Facility Existence Date			
	Latitude (degrees, mins, secs)	Longitude (degrees, mins, secs)	Month	Day	Year	
F	S E E T O P O	M A P	0 3	2 2	1 9 4 3	

V. Facility Mailing Address

Street or P.O. Box

P.O. Box 550

City or Town	State	ZIP Code
Richland	WA	99352

VI. Facility contact (Person to be contacted regarding waste activities at facility)													
Name (last)						(first)							
Klein						Keith							
Job Title						Phone Number (area code and number)							
Manager						(509) 376-7395*							
Contact Address													
Street or P.O. Box													
P.O. Box 550													
City or Town						State			ZIP Code				
Richland						WA			99352				
VII. Facility Operator Information													
A. Name						Phone Number (area code and number)							
Department of Energy * Owner/Operator Washington Closure Hanford LLC** Co-Operator for 1301-N Liquid Waste Disposal Facility						(509) 376-7395* (509) 372-9951**							
Street or P.O. Box													
P.O. Box 550 * 3070 George Washington Way**													
City or Town						State			ZIP Code				
Richland						WA			99352				
B. Operator Type		F											
C. Does the name in VII.A reflect a proposed change in operator?						<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
If yes, provide the scheduled date for the change:						Month		Day		Year			
D. Is the name listed in VII.A. also the owner? If yes, skip to Section VIII.C.						<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
VIII. Facility Owner Information													
A. Name						Phone Number (area code and number)							
Keith A. Klein, Operator/Facility-Property Owner*						(509) 376-7395*							
Street or P.O. Box													
P.O. Box 550													
City or Town						State			ZIP Code				
Richland						WA			99352				
B. Operator Type		F											
C. Does the name in VII.A reflect a proposed change in operator?						<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
If yes, provide the scheduled date for the change:						Month		Day		Year			
IX. NAICS Codes (5/6 digit codes)													
A. First						B. Second							
5	6	2	2	1		Waste Treatment & Disposal	9	2	4	1	1	0	Administration of Air & Water Resource & Solid Waste Management Programs
C. Third						D. Fourth							
9	9	9	9	9	9	Unclassified Establishments	5	6	2	9	1	0	Remediation Services

X. Other Environmental Permits (see instructions)

X. Other Environmental Permits (see instructions)														
A. Permit Type			B. Permit Number										C. Description	
														None

XI. Nature of Business (provide a brief description that includes both dangerous waste and non-dangerous waste areas and activities)

The 1301-N LWDF was used for the disposal of liquid waste from N reactor. The waste consisted of waste from nonspecific sources and listed waste (F003), toxicity characteristic waste (D006, D007, D008, and D009), characteristic waste (D002), and state-only toxic waste (WT02).

D83

The 1301-N Liquid Waste Disposal Facility (LWDF) was used from 1963 to September 1985. The LWDF received mixed waste process and cooling waste water from N Reactor. The LWDF also received dangerous waste generated from laboratories, and may have received waste from spills within the N Reactor Building, which were discharged through the mixed waste drain system. The dangerous waste discharges consisted of less than 0.002% of the total volume of the waste discharged to the LWDF. The 1301-N LWDF was a percolation unit designed for the disposal of liquid waste through the soil column. The process design capacity for the LWDF was 16,352,900 liters (4,320,000 gallons) a day. The process design capacity reflects the maximum volume of water discharged on a daily basis rather than the physical capacity of the unit. The influent pipes up to the face of the 105-N building facility are considered to be included within the treatment, storage, and disposal unit boundary.

EXAMPLE FOR COMPLETING ITEMS XII and XIII (shown in lines numbered X-1, X-2, and X-3 below): A facility has two storage tanks that hold 1200 gallons and 400 gallons respectively. There is also treatment in tanks at 20 gallons/hr. Finally, a one-quarter acre area that is two meters deep will undergo *in situ vitrification*.

Section XII. Process Codes and Design Capacities								Section XIII. Other Process Codes							
Line Number	A. Process Codes (enter code)			B. Process Design Capacity		C. Process Total Number of Units	Line Number	A. Process Codes (enter code)			B. Process Design Capacity		C. Process Total Number of Units	D. Process Description	
	1. Amount	2. Unit of Measure (enter code)		1. Amount	2. Unit of Measure (enter code)			1. Amount	2. Unit of Measure (enter code)						
X 1	S	0	2	1,600	G	002	X 1	T	0	4	700	C	001	In situ vitrification	
X 2	T	0	3	20	E	001									
X 3	T	0	4	700	C	001									
1 1	D	8	3	4,320,000	U	001	1 1								
1 2							1 2								
1 3							1 3								
1 4							1 4								
1 5							1 5								
1 6							1 6								
1 7							1 7								
1 8							1 8								
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2 1							2 1								
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2 3							2 3								
2 4							2 4								
2 5							2 5								

XIV. Description of Dangerous Wastes

Example for completing this section: A facility will receive three non-listed wastes, then store and treat them on-site. Two wastes are corrosive only, with the facility receiving and storing the wastes in containers. There will be about 200 pounds per year of each of these two wastes, which will be neutralized in a tank. The other waste is corrosive and ignitable and will be neutralized then blended into hazardous waste fuel. There will be about 100 pounds per year of that waste, which will be received in bulk and put into tanks.

Line Number	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	D	0	0	2	400	P	S	0	1	T	0	1								
X 2	D	0	0	1	100	P	S	0	2	T	0	1								
X 3	D	0	0	2																Included with above
	1	F	0	0	3	6,200	P	D	8	3										Includes Debris
	2	D	0	0	2	20,600	P	D	8	3										Includes Debris
	3	D	0	0	6	100	P	D	8	3										Includes Debris
	4	D	0	0	7	10,000	P	D	8	3										Includes Debris
	5	D	0	0	8	150	P	D	8	3										Includes Debris
	6	D	0	0	9	6,200	P	D	8	3										Includes Debris
	7	W	T	0	2	15,000	P	D	8	3										Includes Debris
	8																			
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	25																			

XV. Map

Attach to this application a topographic map of the area extending to at least one (1) mile beyond property boundaries. The map must show the outline of the facility; the location of each of its existing and proposed intake and discharge structures; each of its dangerous waste treatment, storage, recycling, or disposal units; and each well where fluids are injected underground. Include all springs, rivers, and other surface water bodies in this map area, plus drinking water wells listed in public records or otherwise known to the applicant within ¼ mile of the facility property boundary. The instructions provide additional information on meeting these requirements.

XVI. Facility Drawing

All existing facilities must include a scale drawing of the facility (refer to Instructions for more detail).

XVII. Photographs

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

XVIII. Certifications

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

<p>Operator* Name and Official Title (type or print) Keith A. Klein, Manager U.S. Department of Energy Richland Operations Office</p>	<p>Signature </p>	<p>Date Signed 8/25/05</p>
<p>Co-Operator** Name and Official Title (type or print) Patrick L. Pettiette Project Manager Washington Closure Hanford LLC</p>	<p>Signature </p>	<p>Date Signed 8-7-05</p>
<p>Co-Operator** – Address and Telephone Number 3070 George Washington Way Richland, WA 99352 (509) 372-9951</p>		
<p>Facility-Property Owner* Name and Official Title (type or print) Keith A. Klein, Manager U.S. Department of Energy Richland Operations Office</p>	<p>Signature </p>	<p>Date Signed 8/25/05</p>

Comments

On December 27, 2000, Ecology granted a contained-in determination for F003 (methanol) contaminated soil and debris for the 1301-N Liquid Waste Disposal Facility.

1301-N Liquid Waste Disposal Facility



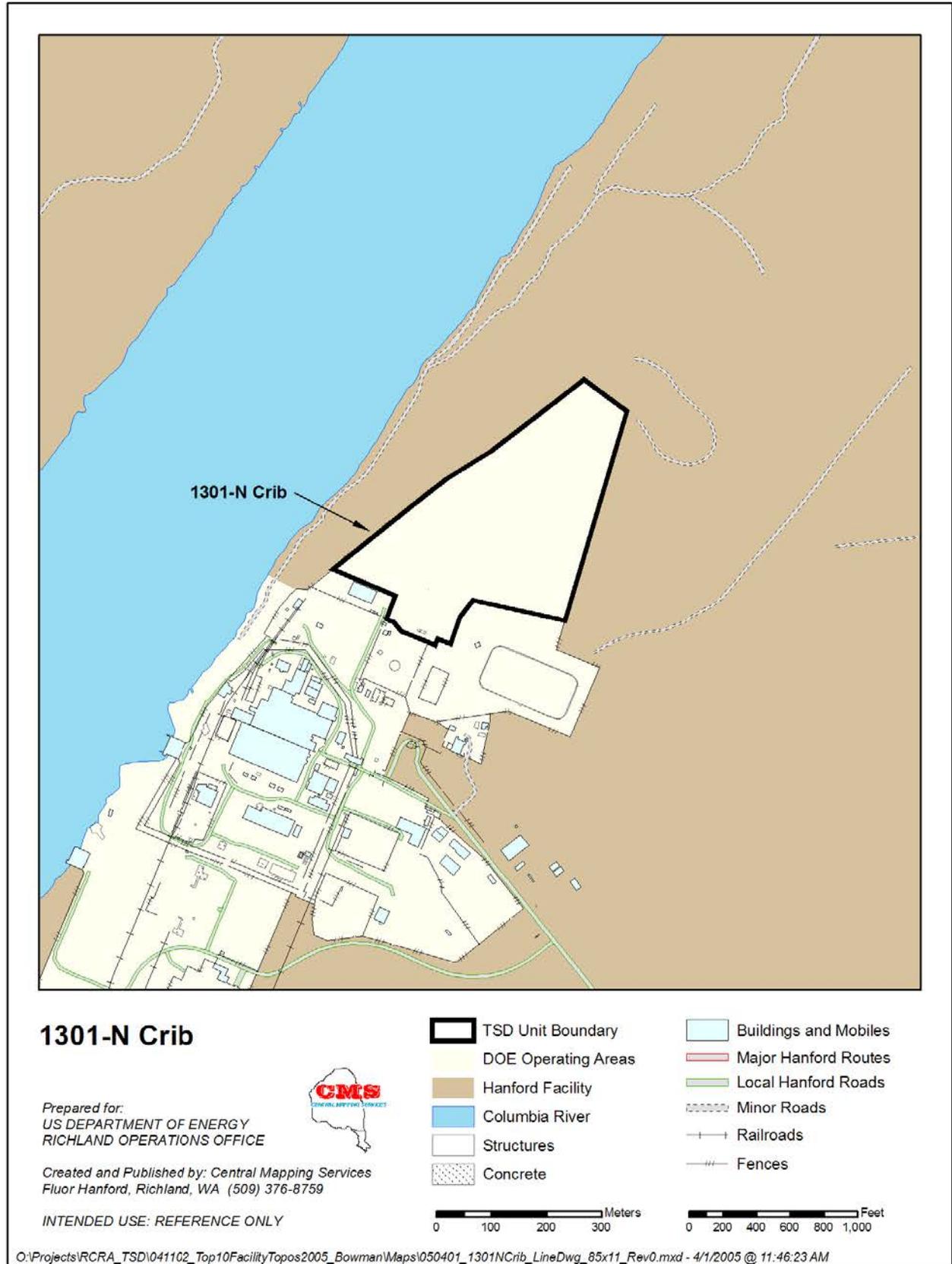
CRIB OUTFALL

8605087-8CN
(PHOTO TAKEN 1986)



TRENCH CONCRETE COVER

8605087-15CN
(PHOTO TAKEN 1986)



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