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CHAPTER 1.0
PART A FORM

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 WASHINGTON STATE DEPARTMENT OF E C O L O G Y		Dangerous Waste Permit Application Part A Form	
Date Received		Reviewed by:	Date: 1 0 2 6 2 0 0 5
Month	Day	Year	Approved by: <i>J.P. Davis</i> Date: 1 0 2 6 2 0 0 5
1	0	1 2 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	
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 1325-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
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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 1325-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, D008, and D009), characteristic waste (D002), and state-only toxic waste (WT02).

D83

The 1325-N Liquid Waste Disposal Facility (LWDF) was used from 1985 to April 1991. The LWDF received nonregulated mixed process and cooling waters from N Reactor. The LWDF also received dangerous waste generated from laboratories and may have received waste from spills from within the N Reactor Building, which was 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 LWDF was a percolation unit designed for the disposal of liquid waste through the soil column. The process design capacity for the 1325-N LWDF was 16,353,000 liters (4,320,000 gallons) per day. The process design capacity reflects the maximum volume of water discharged daily basis rather than the physical capacity of the LWDF. The influent pipes between the 1325-N and the 1301-N LWDFs 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 2							2							
1 3							3							
1 4							4							
1 5							5							
1 6							6							
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1 9							9							
1 0							1 0							
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2 0							2 0							
2 1							2 1							
2 2							2 2							
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	8	150	P	D	8	3								Includes Debris
	5	D	0	0	9	6,200	P	D	8	3								Includes Debris
	6	W	T	0	2	15,000	P	D	8	3								Includes Debris
	7																	
	8																	
	9																	
	1 0																	
	1 1																	
	1 2																	
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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 9/2/05</p>
<p>Co-Operator** Name and Official Title (type or print) Patrick L. Pettiette, President Washington Closure Hanford LLC</p>	<p>Signature </p>	<p>Date Signed 8-25-05</p>
<p>Co-Operator** – Address and Telephone Number 3070 George Washington Way Richland, WA 99354 (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 9/2/05</p>

Comments

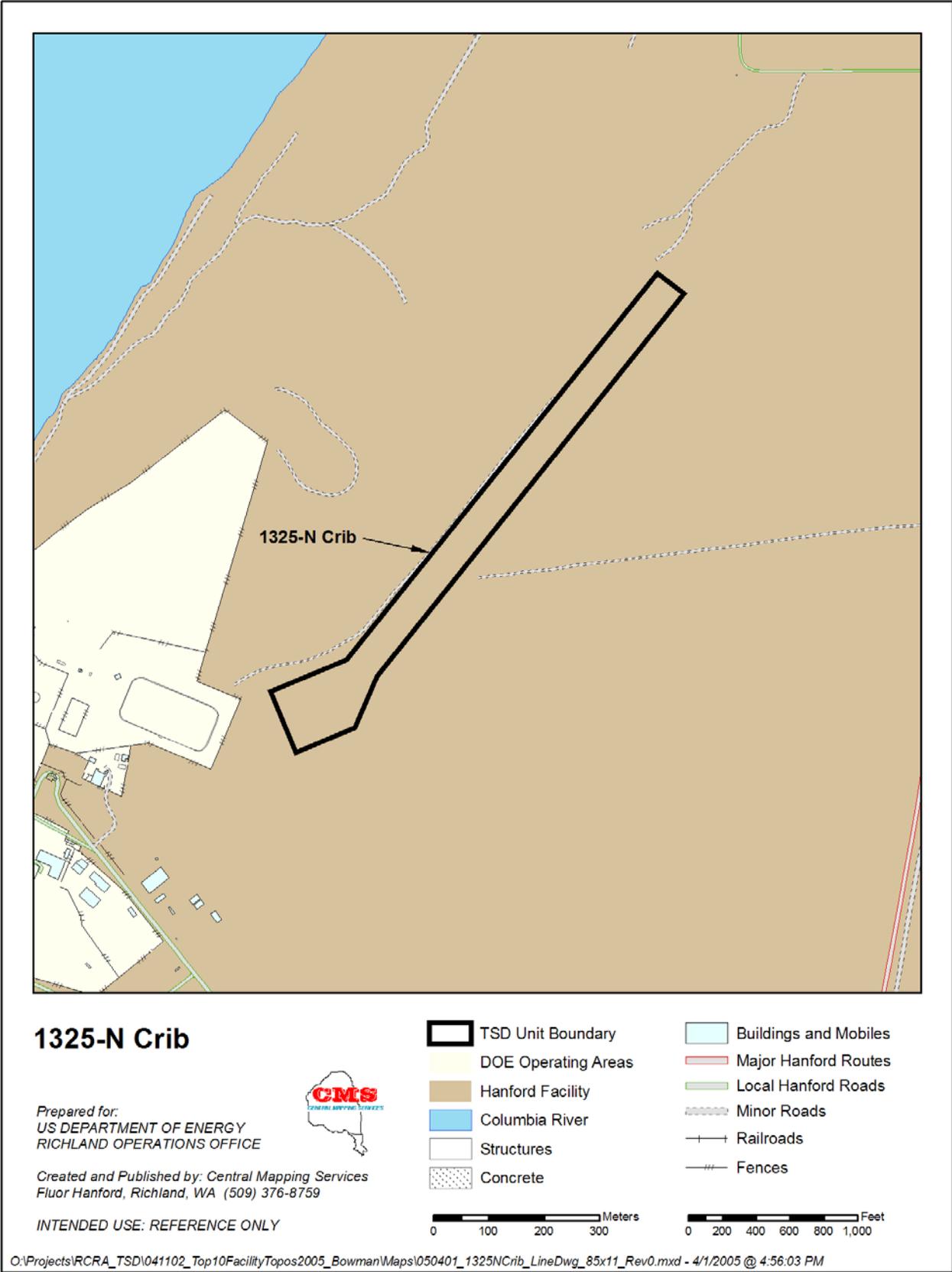
On December 27, 2000, Ecology granted a contained-in determination for F003 (methanol) contaminated soil and debris for the 1325-N Liquid Waste Disposal Facility.

1325-N Liquid Waste Disposal Facility

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