

		WASHINGTON STATE DEPARTMENT OF ECOLOGY		Dangerous Waste Permit Application Part A Form	
Date Received		Reviewed by: <i>[Signature]</i>		Date: 0 9 2 2 2 0 0 8	
Month	Day	Year		Approved by: <i>[Signature]</i>	
0	9	1	9	2	0 0 8
I. This form is submitted to: (place an "X" in the appropriate box)					
<input type="checkbox"/> Request modification to a final status permit (commonly called a "Part B" permit)					
<input checked="" 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		Refer to TOPO Map (Section XV.)		0	3
				0	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)								
Brockman						David								
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			
Department of Energy Owner/Operator CH2M HILL Plateau Remediation Company Co-Operator for Nonradioactive Dangerous Waste Landfill *											(509) 376-7395 (509) 376-0556*			
Street or P.O. Box														
P.O. Box 550 P.O. Box 1600 *														
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? If yes, provide the scheduled date for the change:								<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No			Co-Operator* change	
Month		Day			Year									
1	0		0	1		2	0	0	8					
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)			
David A. Brockman, 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. Owner Type		F												
C. Does the name in VIII.A reflect a proposed change in owner? If yes, provide the scheduled date for the change:								<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No				
Month		Day			Year									
IX. NAICS Codes (5/6 digit codes)														
A. First						B. Second								
5	6	2	2	1		9	2	4	1	1	0	Administration of Air & Water Resource & Solid Waste Management Programs		
C. Third						D. Fourth								
5	4	1	7	1								Research & Development in the Physical, Engineering, & Life Sciences		

X. Other Environmental Permits (see instructions)															
A. Permit Type			B. Permit Number										C. Description		

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

The Nonradioactive Dangerous Waste Landfill (NRDWL) is located approximately 3.5 miles southeast of the 200 East Area. The NRDWL was used from January 1975 through May 1985.

The NRDWL provided disposal of dangerous waste generated from process operations, research and development laboratories, maintenance activities, and transportation functions located throughout the Hanford Site. The NRDWL is a 10 acre land disposal unit that consists of 19 unlined trenches (trenches 18N, 24, and 32 were not used for disposal) approximately 400 feet long, 16 feet wide at the base, and 15 feet deep. Six trenches (trenches 19N, 26, 28, 31, 33, and 34) were used for disposal of dangerous waste. Asbestos was disposed in nine trenches (trenches 2N, 20, 21, 22, 23, 25, 27, 29, and 30). Nonhazardous waste was disposed in Trench 1N. The dangerous waste trenches of NRDWL have a total design capacity of 5 acre-feet.

The quantities of waste identified in Section X.IV, Description of Dangerous Waste represent the estimated total quantity of waste disposed in the NRDWL, rather than an annual estimate.

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)		
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	D	8	0	5	A	006		1							
	2								2							
	3								3							
	4								4							
	5								5							
	6								6							
	7								7							
	8								8							
	9								9							
1	0							1	0							
1	1							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							
1	9							1	9							
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														
<p>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.</p>														
Line Number	A. Dangerous Waste No. (enter code)				B. Estimated Annual Quantity of Waste	C. Unit of Measure (enter code)	D. Processes						(2) Process Description [If a code is not entered in D (1)]	
	(1) Process Codes (enter)													
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	D	0	0	1	24,345	K	D	8	0					Includes Debris
2	D	0	0	2	13,433	K	D	8	0					Includes Debris
3	D	0	0	3	17,630	K	D	8	0					Includes Debris
4	D	0	0	4	1.5	K	D	8	0					Includes Debris
5	D	0	0	5	13	K	D	8	0					Includes Debris
6	D	0	0	6	933	K	D	8	0					Includes Debris
7	D	0	0	7	172	K	D	8	0					Includes Debris
8	D	0	0	8	120	K	D	8	0					Includes Debris
9	D	0	0	9	102	K	D	8	0					Includes Debris
10	D	0	1	0	30	K	D	8	0					Includes Debris
11	D	0	1	1	1	K	D	8	0					Includes Debris
12	D	0	1	8	305	K	D	8	0					Includes Debris
13	D	0	1	9	94	K	D	8	0					Includes Debris
14	D	0	2	2	31	K	D	8	0					Includes Debris
15	D	0	3	9	205	K	D	8	0					Includes Debris
16	D	0	4	0	631	K	D	8	0					Includes Debris
17	F	0	0	1	960	K	D	8	0					Includes Debris
18	F	0	0	2	86	K	D	8	0					Includes Debris
19	F	0	0	3	92	K	D	8	0					Includes Debris
20	F	0	0	4	8	K	D	8	0					Includes Debris
21	F	0	0	5	3,622	K	D	8	0					Includes Debris
22	U	0	0	1	4	K	D	8	0					Includes Debris
23	U	0	0	2	25	K	D	8	0					Includes Debris
24	U	0	0	3	5	K	D	8	0					Includes Debris
25	U	0	0	9	1	K	D	8	0					Includes Debris

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.

Topographic map is located in the Ecology Library

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.

Operator Name and Official Title (type or print) David A. Brockman, Manager U.S. Department of Energy Richland Operations Office	Signature 	Date Signed 9/19/08
Co-Operator* Name and Official Title (type or print) John G. Lehew, III President and Chief Executive Officer CH2M HILL Plateau Remediation Company	Signature 	Date Signed 9/2/08
Co-Operator – Address and Telephone Number* P.O. Box 1600 Richland, WA 99352 (509) 376-0556		
Facility-Property Owner Name and Official Title (type or print) David A. Brockman, Manager U.S. Department of Energy Richland Operations Office	Signature 	Date Signed 9/19/08

Comments

In Section VII. Facility Operator Information, there is no change to DOE as the Facility Owner/Operator; only a change in Co-Operator*. The change in Co-Operator* will be effective October 1, 2008.

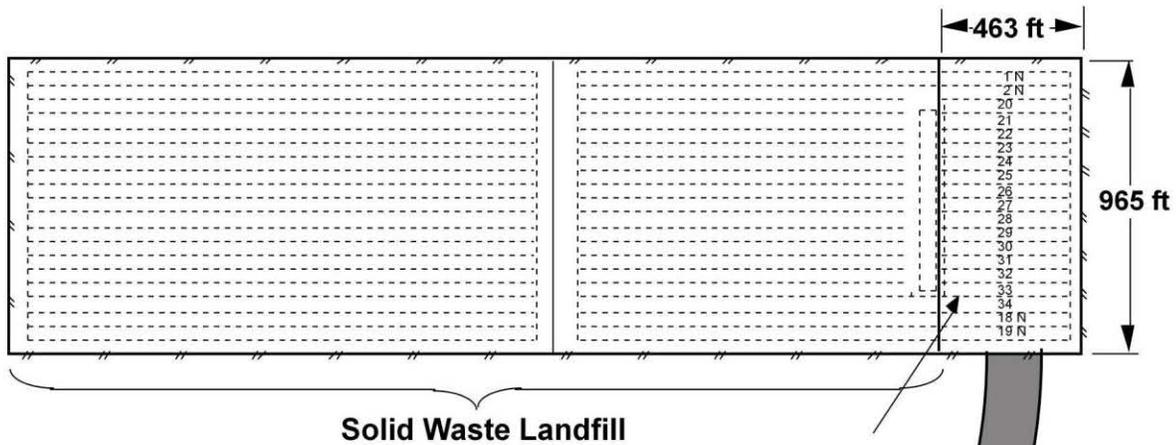
Nonradioactive Dangerous Waste Landfill



90062924-1CN

Photo Taken 1990

Nonradioactive Dangerous Waste Landfill



Solid Waste Landfill

Nonradioactive Dangerous Waste Landfill

40 ft

Open 1-76	Sanitary	Closed 9-76	1N
Open 5-85	Asbestos	Closed 10-86	2N
Open 7-79	Asbestos	Closed 7-81	20
Open 1-84	Asbestos	Closed 5-85	21
Open 10-86	Asbestos	Closed 5-88	22
Open 7-81	Asbestos	Closed 9-82	23
	Unused		24
Open 9-82	Asbestos	Closed 3-84	25
Open 1-85	Corrosive	Open	26
Open 1-75	Asbestos	Closed 7-76	27
Open 2-84	Corrosive	Closed 1-85	28
Open 9-76	Asbestos	Closed 6-79	29
Open 8-76	Asbestos	Closed 9-76	30
Open 9-82	Chemical	Closed 4-84	31
	Unused		32
Open 11-80	Chemical	Closed 9-82	33
Open 1-75	Chemical	Closed 11-80	34
	Unused		18N
Open 3-84	Oxidizer	Open	19N

46 ft

Legend:

- Boundary
- Fence
- - - Trench Boundary

51 ft

50 ft

39406150.2R1
8-14-07

