

	WASHINGTON STATE DEPARTMENT OF ECOLGY	<h2 style="margin:0;">Dangerous Waste Permit Application Part A Form</h2>
--	--	---

Date Received	Reviewed by: <i>[Signature]</i>	Date: 0 9 2 8 2 0 0 5
Month Day Year	Approved by: <i>[Signature]</i>	Date: 1 0 3 0 2 0 0 5
0 9 0 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 1324-N Surface Impoundment						(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)

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 1324-N Surface Impoundment was used to treat corrosive dangerous waste (D002) from the 163-N Demineralization Plant. The waste consisted of acidic and caustic backwashes from the regeneration of demineralizer columns. Approximately 1,500,000,000 pounds (680,338,600 kilograms) of waste were treated each year.

T02

The 1324-N Surface Impoundment is a lined pond with a treatment design capacity of 400,000 gallons (1,514,160 liters) per day. The impoundment was used to treat waste from the regeneration of demineralized columns. The waste exhibited the characteristics of corrosivity (D002). Successive additions to the pond of acidic and caustic waste served to neutralize the waste. The nonregulated neutralized waste was transferred to the 1324-N Percolation Pond. The 1324-N Surface Impoundment no longer receives waste and will be closed under final status regulations (WAC 173-303-610)..

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	T	0	2	400,000	U	001	1	D	8	3	400,000	U	001	
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

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	D	0	0	2	1,500,000,000	P	T	0	2	D	8	3							Includes Debris	
	2																				
	3																				
	4																				
	5																				
	6																				
	7																				
	8																				
	9																				
	10																				
	11																				
	12																				
	13																				
	14																				
	15																				
	16																				
	17																				
	18																				
	19																				
	20																				
	21																				
	22																				
	23																				
	24																				
	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

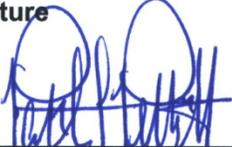
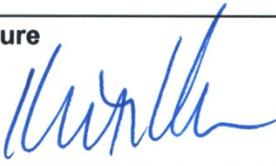
All existing facilities must include a scale drawing of the facility (refer to Instructions for more detail).

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 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

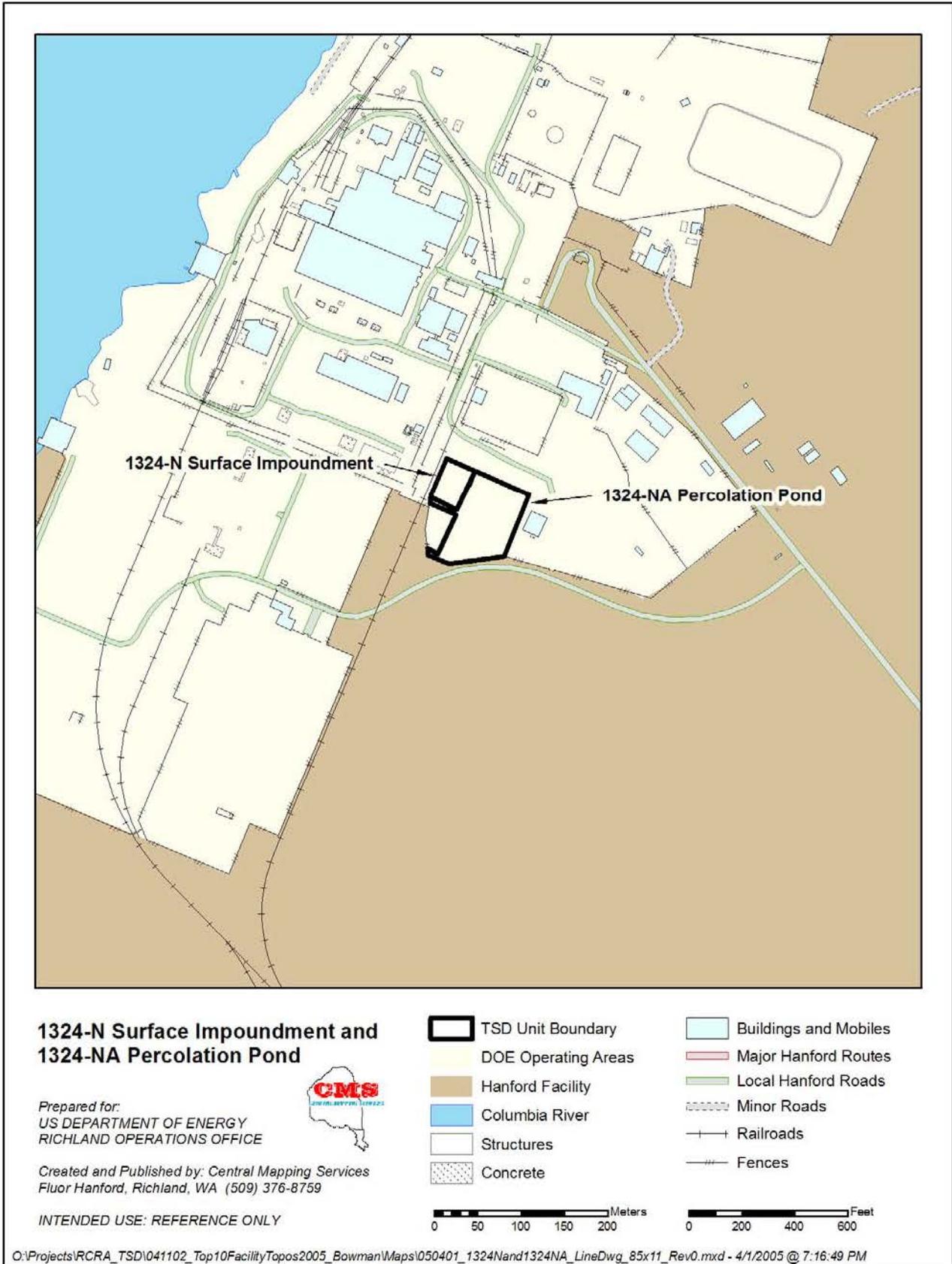
Closure activities at 1324-N were completed in January 2003, in accordance with WAC 173-303-610 and the approved Treatment, Storage, and Disposal Units Corrective Measures Study/Closure Plan (DOE/RL-96-39). A certification of closure was submitted to Ecology on February 7, 2003. The Certification of Recording and the Notice in Deed were submitted to Ecology on April 8, 2003.

A Post Closure Groundwater Monitoring Plan has been submitted to Ecology for approval. Upon approval of the Post Closure Groundwater Monitoring Plan, Ecology will proceed with the approval of the Certification of Closure documentation.

1324-N Surface Impoundment



94051304-3CN
(PHOTO TAKEN 1994)



This page intentionally left blank.