WASHINGTON STATE DEPARTMENT OF ECOLOGY

Dangerous Waste Permit Application Part A Form

Date Received	Reviewed by:	Date:
Month Day Year	Approved by:	Date:
	Please refer to instructions for completing this form.	

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

	Request modification to a final status permit (commonly called a "Part B" permit)
	Request a change under interim status
X	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).
	Establish interim status because of the wastes newly regulated on: (Date)
	List waste codes:

II. EPA/State ID Number

WA 1 8 9 1 4 0 6 3 4 9

III. Name of Facility

Bonneville Power Administration - Ross Complex

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

A. Street

5411 NE Hwy 99

City or Town	State	ZIP Code
Vancouver	WA	98663

County Code (if known)	County Name
	Clark

B. Land Type	C. Geographic Location Latitude (degrees, mins, secs)	Longitude (degrees, mins, secs)	D. Facility Existence Date Month Day Year
F	45 39' 47.5"	122 39 14.5	08 09 1992

V. Facility Mailing Address

Street or P.O. Box

PO Box 491

City or Town	State	ZIP Code
Vancouver	WA	98666

Ecology is an equal opportunity employer

VI. Facility contact (Person to be contacted regarding waste activities at facility)

Name (last)	(first)
Wellschlager	Zoe
Job Title	**Phone Number (area code and number)**
Ross Complex Environmental Coordiantor	503-230-5224

Contact Address

Street or P.O. Box		
PO Box 491		
City or Town	**State**	**ZIP Code**
Vancouver	WA	98666

VII. Facility Operator Information

A. Name	Phone Number (area code and number)
Bonneville Power Administration	503-230-5224
Street or P.O. Box	
PO Box 491	
City or Town	**State** / **ZIP Code**
Vancouver	WA / 98666

B. Operator Type	C. Does the name in VII.A reflect a proposed change in operator?			If yes, provide the scheduled date for the change: Month / Day / Year
F			Yes	
		X	No	

D. Is the name listed in VII.A. also the owner? If yes, skip to Section VIII.C.		
	X	Yes
		No

VIII. Facility Owner Information

A. Name	Phone Number (area code and number)
Bonneville Power Administration	503-230-5224
Street or P.O. Box	
PO Box 491	
City or Town	**State** / **ZIP Code**
Vancouver	WA / 98666

B. Owner Type	C. Does the name in VIII.A reflect a proposed change in owner?			If yes, provide the scheduled date for the change: Month / Day / Year
			Yes	
		X	No	

IX. NAICS Codes (5/6 digit codes)

A. First							B. Second						
9	2	1	1	9	0	General Government	2	2	1	1	2	1	Electric Bulk Transmission
C. Third							**D. Fourth**						

X. Other Environmental Permits (see instructions)

A. Permit Type	B. Permit Number	C. Description
E	ADP23-3587	Air Discharge Permit (Southwest Clean Air Agency)

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

The Bonneville Power Administration (BPA) is a federal agency under the U.S. Department of Energy that markets wholesale electrical power from 31 federal hydroelectric projects in the Columbia River Basin, one non-federal nuclear plant, and several other small non-federal power plants. BPA also operates and maintains about three-fourths of the high-voltage transmission in its service territory. BPA's service territory includes Idaho, Oregon, Washington, western Montana, and small parts of eastern Montana, California, Nevada, Utah, and Wyoming.

The BPA Ross Complex has operated since 1939 as the control center for the transmission of electricity throughout the BPA service area. The Complex houses research and testing facilities, maintenance and construction operations, an electrical substation, and warehousing operations.

The Hazardous Materials Building (HMB, Facility # Z-1255) is also operated out of the Ross Complex. The HMB operation provides centralized waste management services for BPA facilities located across the entire multi-state BPA service area. The HMB Facility is used to accumulate, store, and arrange for off-site recycling and disposal of BPA's wastes. BPA separates operations at the Facility into two main areas: 1) storage of hazardous wastes regulated under the Resource Conservation and Recovery Act (RCRA) and related state regulations and 2) wastes contaminated with PCBs regulated under the Toxic Substances Control Act (TSCA). This permit applies only to those portions of the HMB Facility which are used to manage RCRA-regulated wastes (Permitted Unit).

Storage of hazardous wastes within the Permitted Unit is confined to Rooms 100 and 102 only. Additional capacity (not storage) for temporary staging of wastes occurs in the Shipping/Receiving Area, and in the Bulking Room, and in the Loading/Unloading Area.

In 2023 the office and workshop area of the Ross high voltage electricians was moved from another Ross Complex location to HMB rooms 101 and 113. An addition known as the Service Bay was built on the North side of the facility adjacent to room 101.

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 & 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	S	0	1	31,240	G	002		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

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 1	5,000	P	S 0 1	
2	D 0 0 2	2,000	P	S 0 1	
3	D 0 0 3	50	P	S 0 1	
4	D 0 0 4	500	P	S 0 1	
5	D 0 0 5	1,000	P	S 0 1	
6	D 0 0 6	2,000	P	S 0 1	
7	D 0 0 7	2,000	P	S 0 1	
8	D 0 0 8	5,000	P	S 0 1	
9	D 0 0 9	100	P	S 0 1	
10	D 0 1 0	500	P	S 0 1	
11	D 0 1 1	500	P	S 0 1	
12	D 0 1 2	50	P	S 0 1	
13	D 0 1 3	50	P	S 0 1	
14	D 0 1 4	50	P	S 0 1	
15	D 0 1 5	50	P	S 0 1	
16	D 0 1 6	50	P	S 0 1	
17	D 0 1 7	100	P	S 0 1	
18	D 0 1 8	2,000	P	S 0 1	
19	D 0 1 9	50	P	S 0 1	
20	D 0 2 0	50	P	S 0 1	
21	D 0 2 1	50	P	S 0 1	
22	D 0 2 2	200	P	S 0 1	
23	D 0 2 3	50	P	S 0 1	
24	D 0 2 4	50	P	S 0 1	
25	D 0 2 5	50	P	S 0 1	

EPA/State ID Number	W	A	1	8	9	1	4	0	6	3	4	9

Continuation of Section XIV. Description of Dangerous Waste

Line Number	A. Dangerous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (enter code)	D. Process	
				(1) Process Codes (enter)	(2) Process Description [If a code is not entered in D (1)]
26	D026	100	P	S01	
27	D027	50	P	S01	
28	D028	50	P	S01	
29	D029	50	P	S01	
30	D030	50	P	S01	
31	D031	50	P	S01	
32	D032	50	P	S01	
33	D033	50	P	S01	
34	D034	50	P	S01	
35	D035	2,000	P	S01	
36	D036	50	P	S01	
37	D037	50	P	S01	
38	D038	50	P	S01	
39	D039	2,000	P	S01	
40	D040	500	P	S01	
41	D041	50	P	S01	
42	D042	50	P	S01	
43	D003	50	P	S01	
44	F001	500	P	S01	
45	F002	500	P	S01	
46	F003	2,000	P	S01	
47	F004	50	P	S01	
48	F005	2,000	P	S01	
49	U226	500	P	S01	
50	F027	100	P	S01	
51	WP01	10,000	P	S01	
52	WP02	5,000	P	S01	
53	WP03	50	P	S01	
54	WT01	2,000	P	S01	
55	WT02	5,000	P	S01	
56	WSC2	500	P	S01	
57	WPCB	100	P	S01	

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

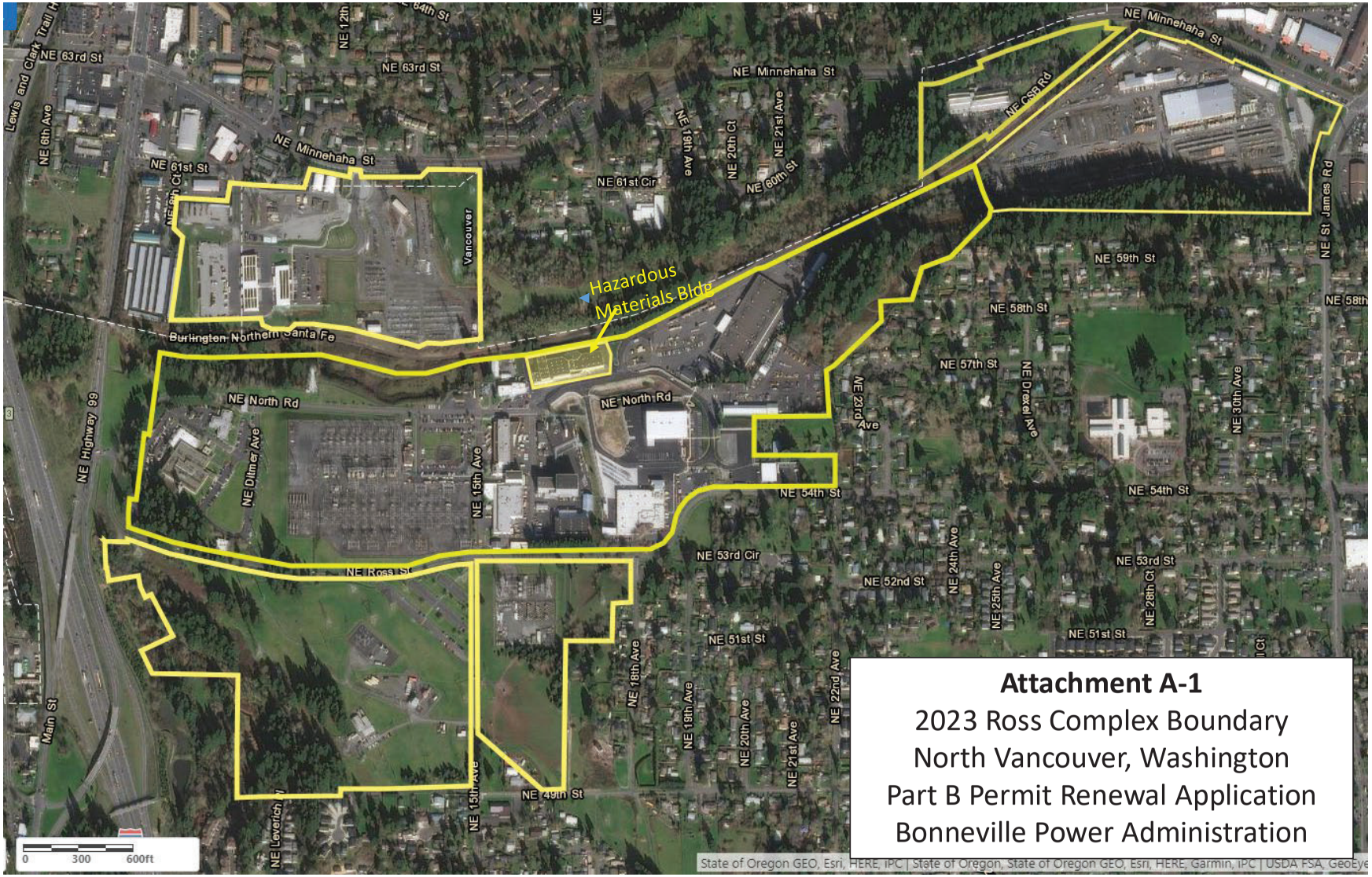
All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment, recycling, and disposal areas; and sites of future storage, treatment, recycling, or disposal areas (refer to Instructions for more detail).

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.

Operator	Signature	Date Signed
Stephan A. Capps **Name and Official Title (type or print)**	STEPHAN CAPPS Digitally signed by STEPHAN CAPPS Date: 2026.02.17 09:45:32 -08'00'	
Facility/Property Owner	**Signature**	**Date Signed**
Stephan A. Capps **Name and Official Title (type or print)**	STEPHAN CAPPS Digitally signed by STEPHAN CAPPS Date: 2026.02.17 09:46:32 -08'00'	

XIX. Comments



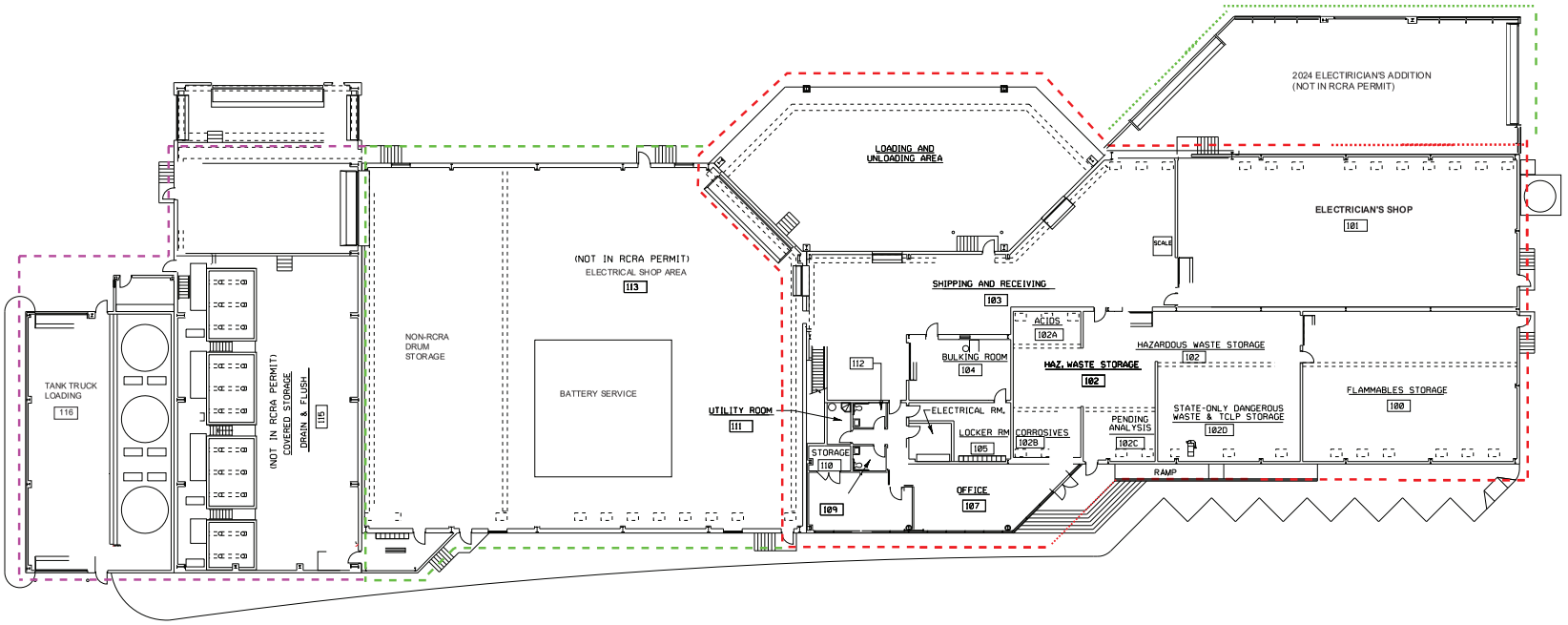
Attachment A-1

2023 Ross Complex Boundary
North Vancouver, Washington
Part B Permit Renewal Application
Bonneville Power Administration

SECTION XVI: BPA ROSS HMB PART B PERMITTED PLAN

LEGEND

- EQUIPMENT DRAIN BAY
- NON RCRA STORAGE AND SHOP AREAS
- PART B PERMITTED AREA



SCALE 1/32" = 1'-0" 0 4 8 16 32 48 FT

Official Use Only

NO.		PL-6	COMPUTER REVISION ONLY	BY	DATE	APPROVED

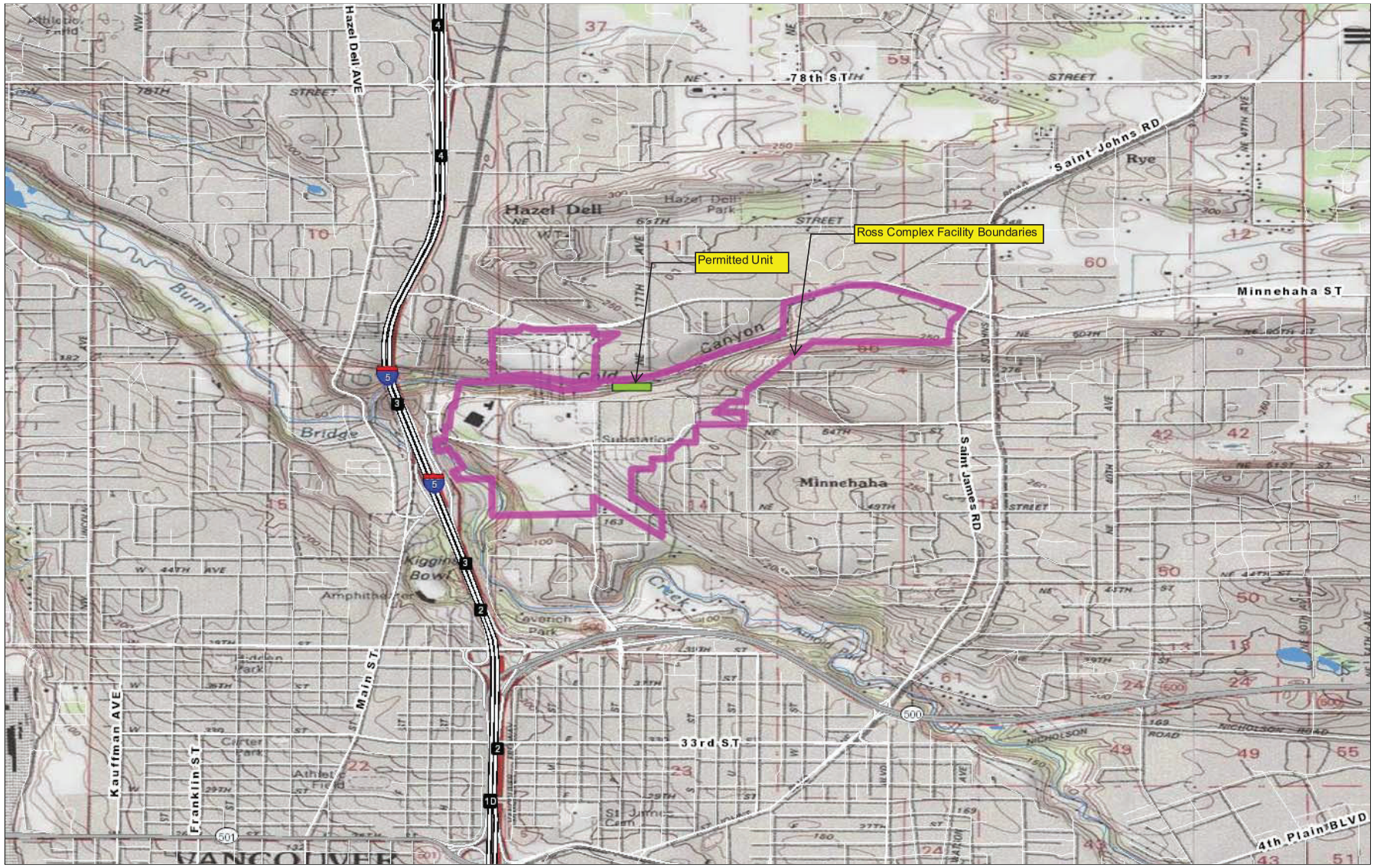
Drawn BE BOSCO
Envsp SG HUGILL
Chkd
Appr
Date Updated 07-18-2024

UNITED STATES DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
HEADQUARTERS, PORTLAND, OREGON

ATTACHMENT A-2
HAZARDOUS MATERIALS BUILDING
FLOOR PLAN AND PERMITTED AREAS
ROSS PART B PERMIT RENEWAL

SERIAL	SOURCE	SIZE	SHEET	REVISION
PART B	KEP	B	1 OF 1	Ø

Ross Complex Topographic Map



Legend

- Exit Numbers
- Interstate
- US Highway
- State Highway
- Major Roads
- Local Street
- Ramps
- Other Roads
- Forest Service Road (24k)
- Rivers and Streams (50k)
- Lakes and Water Bodies (50
- Pacific Ocean (500k)
- NGS USA Topographic Map

0.7 0 0.33 0.7 Miles

1: 21,186

Official Use Only

This product was made for informational and display purposes only and was created with best available data at time of production. It does not represent any legal information or boundaries. BPA GIS Database, 2009.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Map Created By: Bonneville Power Map Created Date: 5/25/2010 8:59 AM

Attachment A-3
Topographic Map
Ross Part B Permit Renewal

DANGEROUS WASTE PERMIT APPLICATION – PART A
WA1891406349
PHOTOGRAPHS
ATTACHMENT A-4



Hazardous Materials Building Z-1255



Loading and Unloading Area

DANGEROUS WASTE PERMIT APPLICATION – PART A
WA1891406349
PHOTOGRAPHS –SECTION XVII



Room 103 –Loading and Unloading to East



Room 103 – Loading and Unloading to West

DANGEROUS WASTE PERMIT APPLICATION – PART A
WA1891406349
PHOTOGRAPHS –SECTION XVII



Room 104 – Bulking Room



Room 102A – Corrosive Storage Bay - Acids

DANGEROUS WASTE PERMIT APPLICATION – PART A
WA1891406349
PHOTOGRAPHS –SECTION XVII



Room 102B – Corrosive Storage Bay - Bases



Room 102C – Pending Analysis Bay

DANGEROUS WASTE PERMIT APPLICATION – PART A
WA1891406349
PHOTOGRAPHS –SECTION XVII



Room 100 – Toxic Storage Bay – Flammables Storage



Room 100 – Toxic Storage Bay – Flammables Cabinets

DANGEROUS WASTE PERMIT APPLICATION – PART A
WA1891406349
PHOTOGRAPHS –SECTION XVII



Room 102D – Non-Corrosive/Non-Flammable Bay



Room 102D – Non-Corrosive/Non-Flammable Storage Bay

DANGEROUS WASTE PERMIT APPLICATION – PART A
WA1891406349
PHOTOGRAPHS –SECTION XVII



2024 Service Bay Addition Exterior



2024 Service Bay Addition Interior