

START

0036270

5/19/94 Meeting Minutes Transmittal - Approved
 sjw 200-E8 Unit Managers' Meeting
~~218 E-8~~ Borrow Pit Demolition Site Closure Plan
 2440 Stevens Center Place, Room 2519
 Richland, Washington

Meeting Held March 23, 1994
 From 8:00 to 9:00 a.m.

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Unit Managers Meeting.

Randall N. Krekel Date: 4-20-94
 Randall N. Krekel, Unit Manager, RL

NOT PRESENT

Date: _____
 Daniel L. Duncan, RCRA Program Manager, EPA Region 10

Fenggang Ma Date: 4/20/94
 Fenggang Ma, Unit Manager, Washington State Department of Ecology

218 E-8 Borrow Pit Demolition Site Closure Plan, WHC Concurrence

NOT PRESENT

Fred A. Ruck III Date: 4/20/94
 Fred A. Ruck III, Contractor Representative, WHC

Purpose: Discuss Permitting Process

Meeting Minutes are attached. The minutes are comprised of the following:

- Attachment 1 - Agenda
- Attachment 2 - Summary of Discussion and Commitments/Agreements
- Attachment 3 - Attendance List
- Attachment 4 - Action Items
- Attachment 5 - Sampling and Analysis Plan Agreement Package



0221-072516

Attachment 1

**Unit Managers' Meeting
218 E-8 Borrow Pit Demolition Site Closure Plan
2440 Stevens Center Place, Room 2519
Richland, Washington**

**Meeting Held March 23, 1994
From 8:00 to 9:00 a.m.**

Agenda

1. Approval of Past UMM Minutes
2. Status Action Items
-No open action items
3. Status Closure Activities
-Status of NOD (Notice of Deficiency) Comments
4. New Business
-Open Discussion
5. Set Next Meeting Date

9417220-427

Attachment 2

Unit Managers' Meeting
218 E-8 Borrow Pit Demolition Site Closure Plan
2440 Stevens Center Place, Room 2519
Richland, Washington

Meeting Held March 23, 1994
From 8:00 to 9:00 a.m.

Summary of Discussion and Commitments/Agreements

1. Approval of Past UMM Minutes

The February 25, 1994, Unit Managers' Meeting Minutes were reviewed and signed by the Unit Managers.

2. Status Action Items:

-No Open Action Items

There was no discussion.

3. Status Closure Activities:

-Status NOD Comments (On Schedule)

WHC (D. M. Korematsu-Olund) reviewed the Sampling Analysis Plan (SAP) agreements discussed at the Data Quality Objective (DQO) meeting held on March 10, 1994. The agreement was to look for volatiles, detonation residues, anions, nitrates and nitrites with a total of 8 samples (plus 3 Quality Assurance samples). Ecology believes that there is a possibility that semivolatiles could be produced by the detonation reaction. Therefore, Ecology requires that two of the samples taken be analyzed for semivolatiles, even though the original chemical inventory did not contain semivolatile components. While reviewing the surface sample locations, Ecology (F. Ma) requested that the location for one of the samples designated for semivolatile analysis be changed. WHC (D. M. Korematsu-Olund) agreed to the change for the sample location. This change is incorporated in attachment #5. All parties (Ecology, RL, and WHC) concurred with all final SAP agreements presented (see attachment #5).

RL (R. N. Krekel) requested that at the next UMM, WHC provide a completion date for the draft SAP. WHC (D. M. Korematsu-Olund) agreed to follow up on the status of the SAP.

4. New business:

-Open discussion

No new business.

5. Set new meeting date:

The next Unit Managers Meeting was scheduled for April 20, 1994 8:00-10:00 a.m. Richland, WA.

9413220.4272
224 0728116

Attachment 4

Unit Managers' Meeting
218 E-8 Borrow Pit Demolition Site Closure Plan
2440 Stevens Center Place, Room 2519
Richland, Washington

Meeting Held March 23, 1994
From 8:00 to 9:00 a.m.

Action Items

Action Item #

Description

3-23-94:

No action items resulted from this meeting.

947320-424

5/19/94 *ajw*

Attachment 5

200-E8

Unit Managers' Meeting
~~218 E-8~~ Borrow Pit Demolition Site Closure Plan
2440 Stevens Center Place, Room 2519
Richland, Washington

----- Meeting Held March 23, 1994
From 8:00 to 9:00 a.m.

Sampling and Analysis Plan Agreements Package

9413220-1275

218 E-8 Borrow Pit

Information Sheet

List of Exploded Chemicals-see attachment edit 218 E-8.

Total Quantities of exploded: 27.689 kg.

Original size of the pit at time of detonation: 1.5 feet in diameter and 6 inches (max.) deep, pit sloped to center.

The detonation took place at approx. 10:00 pm. Weather conditions were approx. 45°F, winds less than 15 mph and overcast.

The surface soils were dry when the detonation activity took place. All chemicals were contained in their original closed containers until released by the explosion force.

9271-1225-146

218 E-8 Borrow Pit

Sampling and Analysis Plan Agreements

Issue: Type of analysis required

<u>SW-846</u>	<u>Tentatively identified compounds (TIC)</u>
8240	Volatile Organics
8330	Detonation Residues
EPA 300.0	Anions
EPA 353.1 or 353.2 or 353.3	Nitrate-Nitrite
*8270	Semi Volatile Organics (required for only two samples (see attached diagram for detailed locations)).

Issue: Site Sampling locations and field procedures

Field Procedures

-Remove wind blown sand to expose pit bottom.

Sampling Area

-Sample within 3 concentric sections that radiate out from the center of the site. (See attached diagram for detailed locations of sampling sites and sampling depths and size).

- 7 surface samples. 1 located at the center of the pit
(0-12 inches deep) 3 located within the first radii
2 located within the second radii
1 located within the third radii
- 1 sample taken at a depth between 12-18 inches in the center of the pit
- Field QC Samples: 1 duplicate (located at center 0-6")
1 equipment blank (clean silica sand)
1 trip blank (clean silica sand)

-No compositing samples

Issue: Hits

Hits-- chemical concentrations above Site Wide Background (when finalized) and MTCA residential levels. Analytes from the inventory list and/or the detonation residues, that have sufficient information to calculate MTCA residential levels, will be used to evaluate the presence of contamination.

If Hits are determined then we go back and work together to establish a new approach to sampling, a newly defined boundary based on distributions observed in Phase I sample.

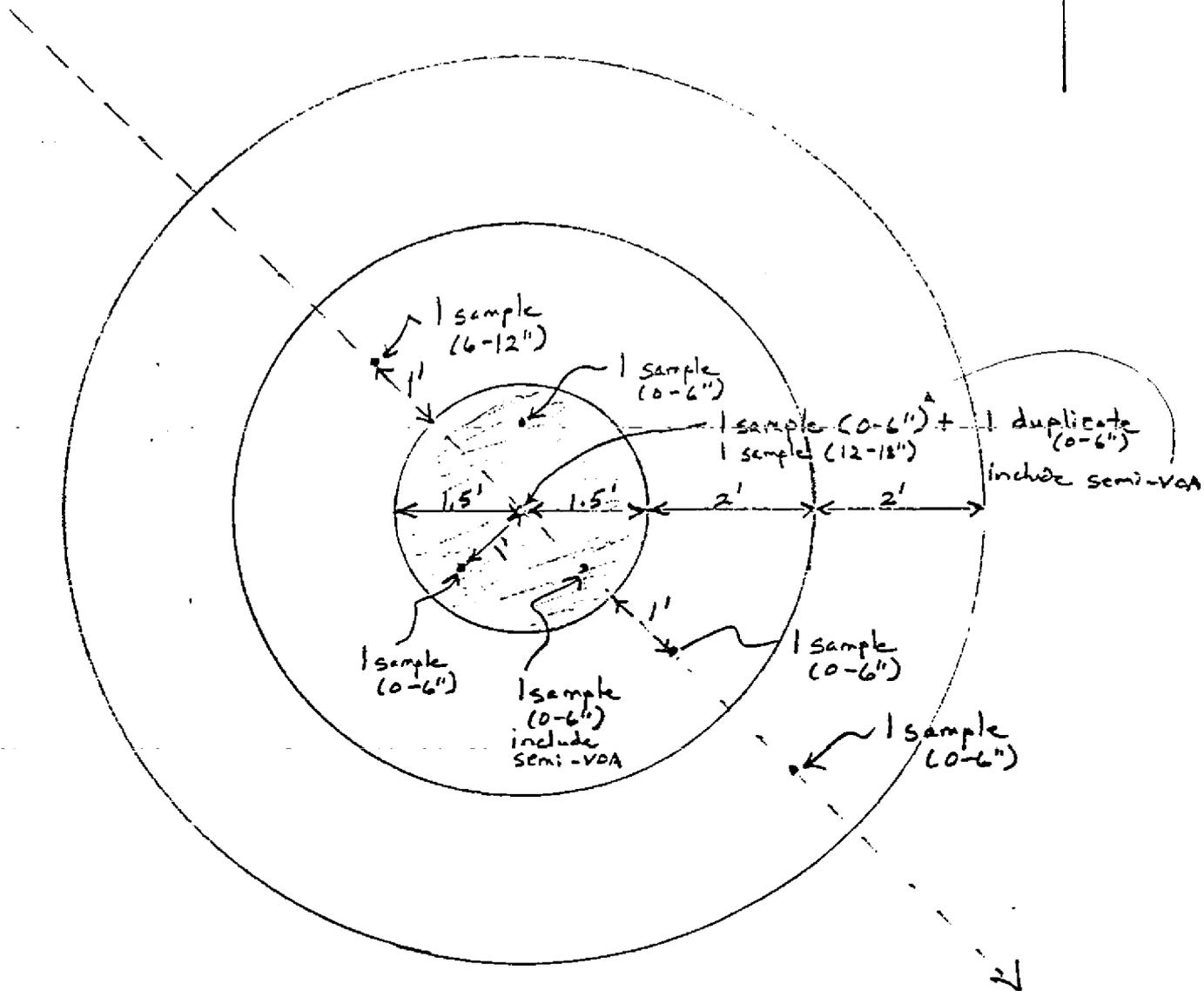
If NO Hits are determined then there is nothing there and no further sampling is warranted.

228-1772-116

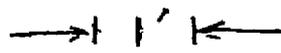
213 E-3 Borrow Pit
Demolition site



9413220-4278



Environmental
Characterization
Samples → 8



Prevailing
NW wind

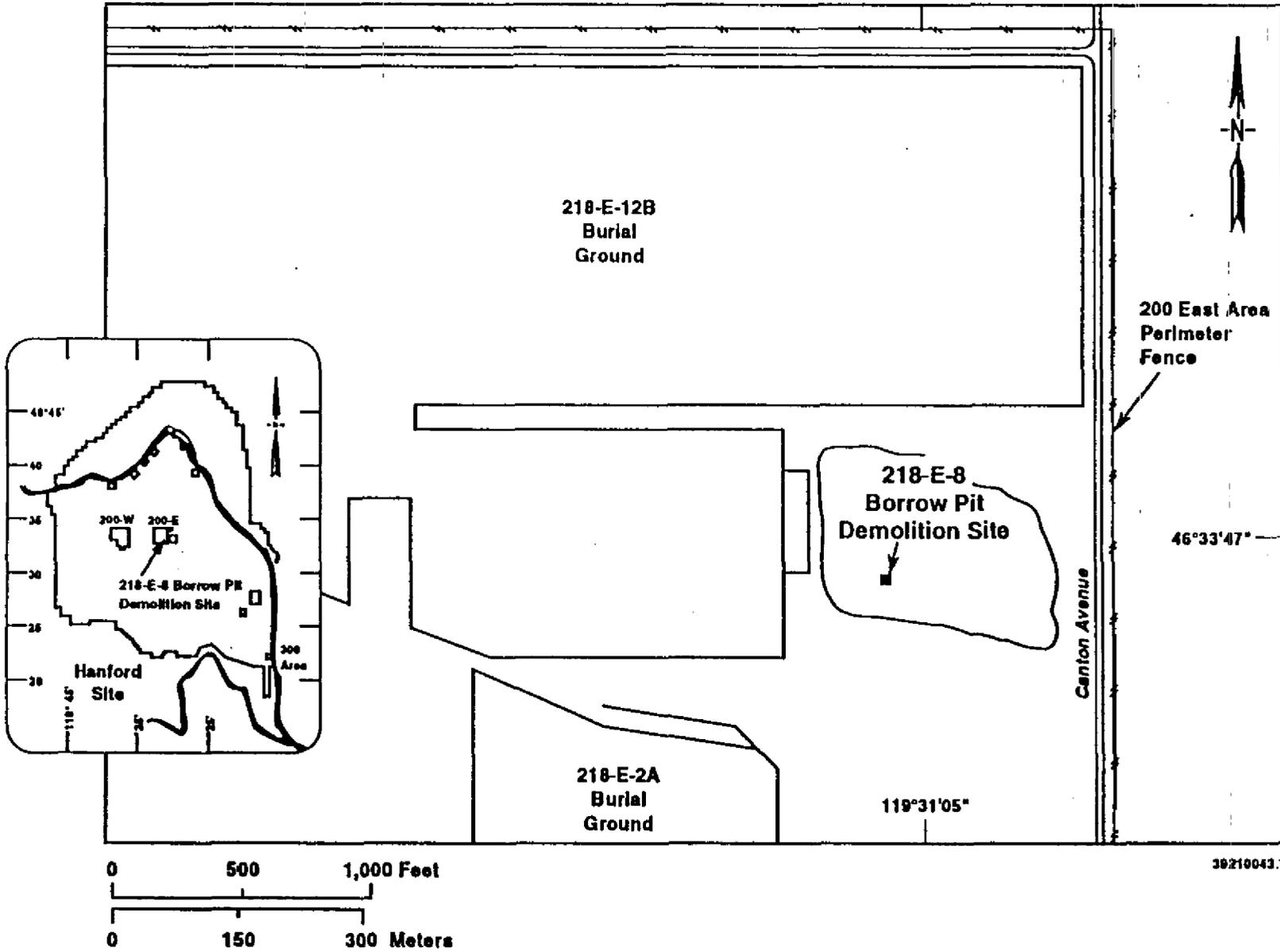
Field QC Samples-

- 1 Duplicate (located a center 0-6")
- 1 Equipment Blank (clean silica sand)
- 1 Trip Blank (clean silica sand)

Date	Chemical I. D.	Cas #	Quantity (kg.)	flash point °C (°F)	vapor press. 20 °C mmHg	Dangerous Waste Number	Source
Nov. 1984	2-butoxyethanol	111-76-2	16.7	62 (143)	0.76	WT02	D, R
	1,4 dioxane	123-91-1	3.75	12 (54)	27	WT02, U108, WC01, D001	R
	isopropyl ether	108-20-3	7.92	-28 (-18)	130	WT02, D001	D, R
	methyl ethyl ketone peroxide	1338-23-4	0.319	82 (180)	100 @ 25 °C	WT02, U160, D001, D035	D, R
*Source:	D=TSD Facility Annual Dangerous Waste Report						
	R=Manifest prepared by M.R. Romsos from miscellaneous records						
	E=Environmental Protection Surveillance and Compliance Inspection						
N/A	Not Available						
Misc.	Information source: Merck Index, Condensed Chemical Dictionary, NIOSH, MSDS's, Dangerous Properties of Industrial						

6274-0720-146

218-E-8 Borrow Pit Demolition Site Site Plan



941322.4281

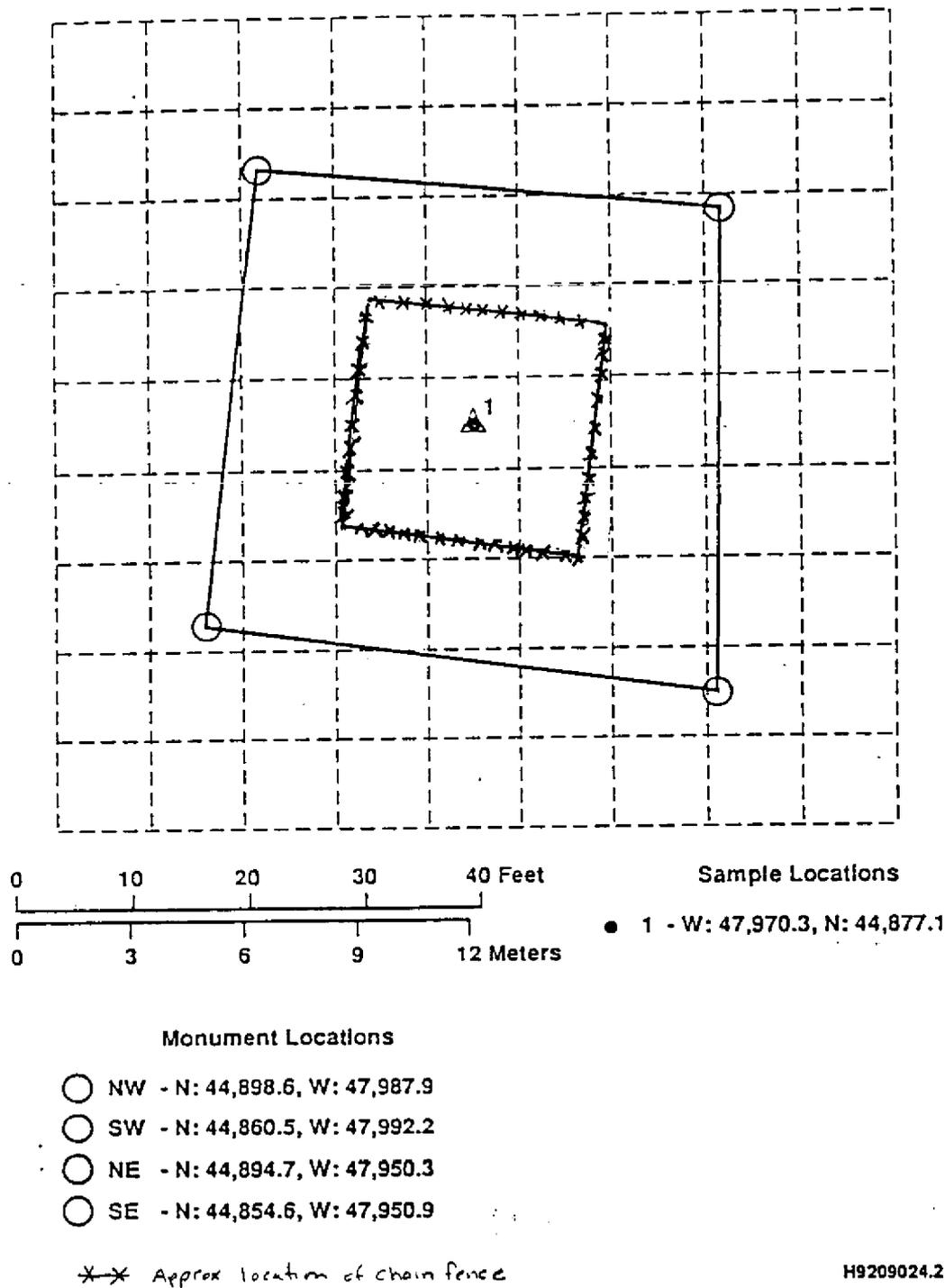


Figure 7-1. Soil Sample Locations for 218-E-8 Borrow Pit Demolition Site.

Distribution

J. K. Bartz	GSSC	B1-42
R. E. Bolls	WHC	T3-04
R. M. Carosino	RL	A4-52
D. L. Duncan	EPA-Seattle	HW-106
D. M. Korematsu-Olund	WHC	H6-23
R. N. Krekel	RL	A5-15
J. G. Lucas	WHC	H6-04
F. Ma	Ecology	B5-18
E. D. Macalister	RL	R3-80
P. J. Macbeth	MACTEC	R3-82
P. J. Mackey	WHC	B3-15
R. D. Pierce	WHC	T3-04
S. M. Price	WHC	H6-23
M. R. Romsos	WHC	T3-04
F. A. Ruck III	WHC	H6-23
W. A. Skelly	WHC	H6-03
J. L. Waite	WHC	B2-35
Field File Custodian	WHC	H6-08
GHL/RCRA File	WHC	H6-23

5/19/94
sjw 200-E8

ADMINISTRATIVE RECORD: ~~218-E-8~~ Borrow Pit Demolition Site Closure Plan, T-2-1
[Care of EDIC, WHC (H6-08)]

Washington State Department of Ecology Nuclear and Mixed Waste Hanford File,
P.O. Box 47600, Olympia, Washington 98504-7600

Environmental Protection Agency Region 10, Seattle, Washington 98101,
(Record Center)-Mail Stop HW-074

Please send comments on distribution list to Kym Tarter (H6-23), 376-4701.

2024-07-26 16:54:32