

## Meeting Minutes Transmittal - Approval

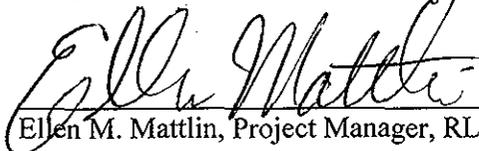
Project Managers Meeting  
 300 AREA WASTE ACID TREATMENT SYSTEM  
 Federal Building, Conference Room 554  
 Richland, Washington

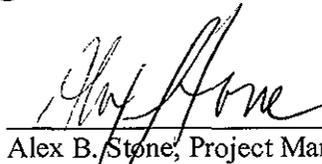
Meeting Held November 4, 1999  
 From 3:00 to 3:30 PM

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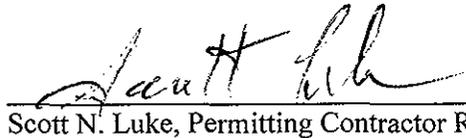
EDMC

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

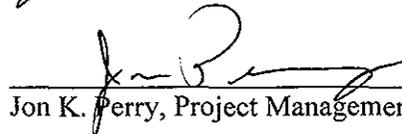
 Date: 12/9/99  
 Ellen M. Mattlin, Project Manager, RL

 Date: 12/9/99  
 Alex B. Stone, Project Manager, Washington State Department of Ecology

## 300 Area WATS, Contractor Concurrence

 Date: 12/8/99  
 Scott N. Luke, Permitting Contractor Representative, FDH

 Date: 12-8-99  
 Ivan L. Metcalf, Facility Contractor Representative, FDH

 Date: 12/8/99  
 Jon K. Perry, Project Management Contractor Representative, FDH

Purpose: Discuss Permitting Process

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

Attachment 1 - Meeting Agenda

Attachment 2 - Summary of Discussion and Commitments/Agreements

Attachment 3 - Attendance List

Attachment 4 - Changes to Phase 3 DIP information

Attachment 5 - Completed WRRVs

## **Attachment 1**

### **Project Managers Meeting 300 AREA WASTE ACID TREATMENT SYSTEM Federal Building, Conference Room 554 Richland, Washington**

**Meeting Held November 4, 1999  
From 3:00 to 3:30 PM**

#### **Agenda**

1. Approval of Past PMM Minutes
2. Status PMM Action Items - None
3. Closure Activities
  - Phase 3 Closure (334-TF, 311-TF, WATS and U-Bearing Piping Trench)
    - Status closure activities
    - Phase 3 DIP changes
    - PE Phase 3 closure certification
    - Ecology Phase 3 concurrence
    - Reduced inspections of Phase 3 closure locations
  - Administrative Path to Completing Closure
    - Closure plan public review and approval
    - Append Phase 3 results to Permit
    - Modify Part A
    - PE final closure certification
4. New Business
5. Schedule Next Project Managers Meeting

## Attachment 2

**Project Managers Meeting  
300 AREA WASTE ACID TREATMENT SYSTEM  
Federal Building, Conference Room 554  
Richland, Washington**

**Meeting Held November 4, 1999  
From 3:00 to 3:30 PM**

### Summary of Discussion and Commitments/Agreements

**1. Approval of Past PMM Minutes**

There was no October PMM. September PMM minutes were signed by RL and Ecology Project Managers.

**2. Status PMM Action Items**

None

**3. Closure Activities**

• **Phase 3 Closure (334-TF, 311-TF, WATS and U-Bearing Piping Trench)**

**Status closure activities.** Ecology was notified in a cc:Mail message from S. Luke (FDH) on October 5, 1999, that Phase 3 closure activities had been completed September 29, 1999.

**Phase 3 DIP changes.** Minor changes to information or activities contained in the *Decontamination and Inspection Plan for Phase 3 Closure of the 300 Area Waste Acid Treatment System*, HNF-2814, Revision 0, are documented in these minutes (Attachment 4). Ecology (Mr. Alex Stone) agreed that because of the minor nature of the changes and in order to expedite PE certification of Phase 3 closure activities, the changes will be approved via these meeting minutes and do not have to be incorporated into the Phase 3 DIP.

**PE Phase 3 closure certification.** The PE certification of Phase 3 closure activities will be based on the Ecology-approved Phase 3 DIP, as modified by these minutes. Because of this, the certification cannot be generated until meeting minute approval. The PE Phase 3 closure certification should be submitted to Ecology no later than the end of December.

**Ecology Phase 3 concurrence.** FDH (Scott Luke) requested that Ecology issue a letter concurring with Phase 3 closure activities. As with closure Phases 1 and 2, Ecology concurrence would support PE certification of the just completed Phase 3 closure activities and would support a request for reduced inspections in the Phase 3 closure locations. Ecology (Greta Davis) indicated that Ecology would provide such a letter.

**Reduced inspections of Phase 3 closure locations.** Based on successful completion of Phase 3 closure, RL will send a letter to Ecology requesting reduced inspections for Phase 3 closure locations.

- **Administrative Path to Completing Closure**

**Closure plan public review and approval.** The Hanford Facility RCRA Permit (HFP) , of which the 300 Area WATS Closure Plan (DOE/RL-90-11, Rev 2) is a portion, is in a public comment period that began October 4, 1999 and will continue until December 6, 1999. FDH (John Remaize) will present information pertaining to 300 Area WATS closure at a public hearing at the Kennewick Office of Ecology at 7:00 PM on November 9, 1999. Assuming no adverse public comments, the entire HFP, or portions thereof, could be issued within 30 days after the public comment period, thereby providing formal closure plan approval in January 2000.

**Append Phase 3 results to Permit.** Although 300 Area WATS physical closure activities are complete, administrative actions are still required to complete closure. The closure plan (Section 6.1) requires Phase 3 closure results (WRRVs and PE certification) to be added to Appendix 6A of the closure plan. After closure plan approval, a Class 1 Modification to the WATS portion of the HFP will be generated to append this information. Adding this information to the closure plan is consistent with the way Phase 1 and 2 closure results were managed and provides the most complete closure picture to future readers.

**Modify Part A.** The closure plan (Section 6.1) identifies that the 300 Area WATS Part A, Form 3, will be revised to reflect closed locations and components. Also, corrections to the Part A will be made based on Ecology comments made during closure plan review.

**PE final closure certification.** Closure certification required by the closure plan (Section 7.10) will be provided to Ecology within 60 days of closure plan approval. Assuming closure plan approval in January, 2000, closure certification could be submitted to Ecology as early as March, 2000. A statement of work (SOW) is in process to secure the services of a certifying PE.

4. **New Business**

None.

5. **Schedule Next Project Managers Meeting**

The next 300 Area WATS PMM was scheduled for January 6, 2000.



**Attachment 4**

**Project Managers Meeting  
300 AREA WASTE ACID TREATMENT SYSTEM  
Federal Building, Conference Room 554  
Richland, Washington**

**Meeting Held November 4, 1999  
From 3:00 to 3:30 PM**

The following changes to information and/or activities identified in *Decontamination and Inspection Plan for Phase 3 Closure of the 300 Area Waste Acid Treatment System*, HNF-2814, Revision 0, are acceptable to Ecology without revision to the document.

1. Page 15, Line 41: In accordance with the closure plan and as verified in the field, Tank 40 material is stainless steel, not carbon steel.
2. Page 16, Lines 33 through 35: The existing drain valve was disassembled, cleaned, inspected, and reinstalled, not removed and replaced with a new valve.
3. Page 17, Line 3: In accordance with the closure plan and as verified in the field, the low-point floor drain in the tank 50 basin is located in the northeast, not the northwest, corner of this basin.
4. Page 19 (Figure 9), Item 3: In accordance with DIP text (Sections 3.4 and 3.4.2), the trench was not planned to be decontaminated as a portion of Phase 3 closure and so the words "and trench" should be deleted.
5. Page 20 (Figure 10), Form Item 4: In accordance with the closure plan and as verified in the field, Tank 40 material is stainless steel, not carbon steel.
6. Page 21 (Figure 11), form Item 4: In accordance with the closure plan, Tank 50 material is stainless steel, not carbon steel.
7. Page 22 (Figure 12), Form Item 4: Stainless steel material in the form of a drain valve is also being decontaminated and verified under this WRRV.

**Attachment 5**

**Project Managers Meeting  
300 AREA WASTE ACID TREATMENT SYSTEM  
Federal Building, Conference Room 554  
Richland, Washington**

**Meeting Held November 4, 1999  
From 3:00 to 3:30 PM**

**WASTE AND RESIDUE REMOVAL VERIFICATION  
for  
300 Area WATS Phase 3 Closure**

**WASTE AND RESIDUE REMOVAL VERIFICATION**  
**300 Area Waste Acid Treatment System**

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This documents decontamination and 'clean debris surface' verification inspections for the following:

- 1. TSD unit: 300 Area Waste Acid Treatment System
- 2. Building/location: 334 Tank Farm
- 3. Component(s)/area(s): Tank 4 support structure
- 4. Material (e.g., concrete metal, plastic): painted steel
- 5. Decontamination:
  - A. Method<sup>1</sup> (NA here if no decontamination performed): Hand washing / WIRE BRUSH *ja 9/30/99*
  - B. Parameters (check appropriate parameters):
    - Temperature
    - Propellant
    - Solid media (e.g., shot, grit, beads)
    - Pressure
    - Residence time
    - Surfactant(s)
    - Detergents
    - Grinding/striking media (e.g., wheels, piston heads).
    - Depth or surface layer removal
    - Other Applicators (rags, etc.)
  - C. The decontamination identified in steps 1 through 4 was completed as specified in step 5.

*[Signature]* 9/30/99  
 Signature Date

6. Verification of Performance Standard: The identified materials have been inspected visually and have attained a clean debris surface<sup>2</sup>.

Authorized Representative:  
*[Signature]* 9/30/99  
 Signature Date

6 <sup>1</sup> Although not mandatory, decontamination could use a physical extraction method from Table 1,  
 7 Alternative Treatment Standards for Hazardous Debris (40 CFR 268.45).  
 8 <sup>2</sup> Definition of 'clean debris surface' from Table 1, Alternative Treatment Standards for Hazardous  
 9 Debris (40 CFR 268.45): "'Clean debris surface' means the surface, when viewed without  
 10 magnification, shall be free of all visible contaminated soil and hazardous waste except that residual  
 11 staining from soil and waste consisting of light shadows, slight streaks, or minor discoloration's, and  
 12 soil and waste in cracks, crevices, and pits, may be present provided that such staining and waste and  
 13 soil in cracks, crevices, and pits shall be limited to no more than 5% of each square inch of surface  
 14 area."

15 NOTE: This form does not originate in dangerous waste regulations or closure guidance documents.

16  
17 Figure 8. 334 Tank Farm Support Structure Decontamination Verification.

WASTE AND RESIDUE REMOVAL VERIFICATION  
300 Area Waste Acid Treatment System

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This documents decontamination and 'clean debris surface' verification inspections for the following:

- 1. TSD unit: 300 Area Waste Acid Treatment System
- 2. Building/location: 334 Tank Farm
- 3. Component(s)/area(s): Bermed catch basin and trench - JK 7/30/99
- 4. Material (e.g., concrete metal, plastic): Concrete
- 5. Decontamination:
  - A. Method<sup>1</sup> (NA here if no decontamination performed): HAND WASHING.
  - B. Parameters (check appropriate parameters):
    - Temperature
    - Propellant
    - Solid media (e.g., shot, grit, beads)
    - Pressure
    - Residence time
    - Surfactant(s)
    - Detergents
    - Grinding/striking media (e.g., wheels, piston heads).
    - Depth or surface layer removal
    - Other Brushes, mops, rags, etc.
  - C. The decontamination identified in steps 1 through 4 was completed as specified in step 5.

[Signature] 7/30/99  
Signature Date

6. Verification of Performance Standard: The identified materials have been inspected visually and have attained a clean debris surface<sup>2</sup>.

Authorized Representative:  
[Signature] 7/30/99  
Signature Date

6 <sup>1</sup> Although not mandatory, decontamination could use a physical extraction method from Table 1,  
7 Alternative Treatment Standards for Hazardous Debris (40 CFR 268.45).  
8 <sup>2</sup> Definition of 'clean debris surface' from Table 1, Alternative Treatment Standards for Hazardous  
9 Debris (40 CFR 268.45): "'Clean debris surface' means the surface, when viewed without  
10 magnification, shall be free of all visible contaminated soil and hazardous waste except that residual  
11 staining from soil and waste consisting of light shadows, slight streaks, or minor discoloration's, and  
12 soil and waste in cracks, crevices, and pits, may be present provided that such staining and waste and  
13 soil in cracks, crevices, and pits shall be limited to no more than 5% of each square inch of surface  
14 area."

15 NOTE: This form does not originate in dangerous waste regulations or closure guidance documents.

17 Figure 9. 334 Tank Farm Concrete Pad and Trench Decontamination Verification.

WASTE AND RESIDUE REMOVAL VERIFICATION  
300 Area Waste Acid Treatment System

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This documents decontamination and 'clean debris surface' verification inspections for the following:

- 1. TSD unit: 300 Area Waste Acid Treatment System
- 2. Building/location: 311 Tank Farm
- 3. Component(s)/area(s): Metal tank 40
- 4. Material (e.g., concrete metal, plastic): Carbon-steel SST J.R. 9/20/99  
*(SPRING STEEL)*
- 5. Decontamination:
  - A. Method<sup>1</sup> (NA here if no decontamination performed): High pressure water spray and/or hand-washing Also SCRAPING & GRINDING
  - B. Parameters (check appropriate parameters):
    - Temperature \_\_\_\_\_
    - Propellant \_\_\_\_\_
    - Solid media (e.g., shot, grit, beads) \_\_\_\_\_
    - Pressure \_\_\_\_\_
    - Residence time \_\_\_\_\_
    - Surfactant(s) \_\_\_\_\_
    - Detergents Do-Sol<sup>TM</sup> or equivalent nonregulated cleaner ALCONOX & WATER R 9/20/99
    - Grinding/striking media (e.g., wheels, piston heads) GRINDING / SANDING BY MACHINE (HAND HELD)
    - Depth or surface layer removal \_\_\_\_\_
    - Other Applicators (rags, etc.)
  - C. The decontamination identified in steps 1 through 4 was completed as specified in step 5.

[Signature] \_\_\_\_\_ 9/30/99 \_\_\_\_\_  
Signature Date

6. Verification of Performance Standard: The identified materials have been inspected visually and have attained a clean debris surface<sup>2</sup>.

Authorized Representative:  
[Signature] \_\_\_\_\_ 9/30/99 \_\_\_\_\_  
Signature Date

6 <sup>1</sup> Although not mandatory, decontamination could use a physical extraction method from Table 1,  
7 Alternative Treatment Standards for Hazardous Debris (40 CFR 268.45).  
8 <sup>2</sup> Definition of 'clean debris surface' from Table 1, Alternative Treatment Standards for Hazardous  
9 Debris (40 CFR 268.45): "Clean debris surface' means the surface, when viewed without  
10 magnification, shall be free of all visible contaminated soil and hazardous waste except that residual  
11 staining from soil and waste consisting of light shadows, slight streaks, or minor discoloration's, and  
12 soil and waste in cracks, crevices, and pits, may be present provided that such staining and waste and  
13 soil in cracks, crevices, and pits shall be limited to no more than 5% of each square inch of surface  
14 area."

15 NOTE: This form does not originate in dangerous waste regulations or closure guidance documents.

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Figure 10. Tank 40 Decontamination Verification.

WASTE AND RESIDUE REMOVAL VERIFICATION  
300 Area Waste Acid Treatment System

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This documents decontamination and 'clean debris surface' verification inspections for the following:

- |                                                                                              |                                                                          |
|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 1. TSD unit:                                                                                 | <u>300 Area Waste Acid Treatment System</u>                              |
| 2. Building/location:                                                                        | <u>311 Tank Farm</u>                                                     |
| 3. Component(s)/area(s):                                                                     | <u>Metal tank 50</u>                                                     |
| 4. Material (e.g., concrete metal, plastic):                                                 | <u>Carbon-steel- STAINLESS STEEL 1/4" VENT</u>                           |
| 5. Decontamination:                                                                          |                                                                          |
| A. Method <sup>1</sup> (NA here if no decontamination performed):                            | <u>High-pressure water spray and/or hand-washing</u>                     |
| B. Parameters (check appropriate parameters):                                                |                                                                          |
| <input type="checkbox"/> Temperature                                                         | _____                                                                    |
| <input type="checkbox"/> Propellant                                                          | _____                                                                    |
| <input type="checkbox"/> Solid media (e.g., shot, grit, beads)                               | _____                                                                    |
| <input type="checkbox"/> Pressure                                                            | _____                                                                    |
| <input type="checkbox"/> Residence time                                                      | _____                                                                    |
| <input type="checkbox"/> Surfactant(s)                                                       | _____                                                                    |
| <input checked="" type="checkbox"/> Detergents                                               | <u>De-Solv-It or equivalent nonregulated cleaner ALCONOX &amp; WATER</u> |
| <input type="checkbox"/> Grinding/striking media (e.g., wheels, piston heads).               | _____                                                                    |
| <input type="checkbox"/> Depth or surface layer removal                                      | _____                                                                    |
| <input checked="" type="checkbox"/> Other                                                    | <u>Applicators (rags, etc.)</u>                                          |
| C. The decontamination identified in steps 1 through 4 was completed as specified in step 5. |                                                                          |

<u>[Signature]</u>	<u>9/30/99</u>
Signature	Date

6. Verification of Performance Standard: The identified materials have been inspected visually and have attained a clean debris surface<sup>2</sup>.

Authorized Representative:	
<u>[Signature]</u>	<u>9/30/99</u>
Signature	Date

6 <sup>1</sup> Although not mandatory, decontamination could use a physical extraction method from Table 1,  
7 Alternative Treatment Standards for Hazardous Debris (40 CFR 268.45).  
8 <sup>2</sup> Definition of 'clean debris surface' from Table 1, Alternative Treatment Standards for Hazardous  
9 Debris (40 CFR 268.45): "Clean debris surface' means the surface, when viewed without  
10 magnification, shall be free of all visible contaminated soil and hazardous waste except that residual  
11 staining from soil and waste consisting of light shadows, slight streaks, or minor discoloration's, and  
12 soil and waste in cracks, crevices, and pits, may be present provided that such staining and waste and  
13 soil in cracks, crevices, and pits shall be limited to no more than 5% of each square inch of surface  
14 area."  
15 NOTE: This form does not originate in dangerous waste regulations or closure guidance documents.  
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Figure 11. Tank 50 Decontamination Verification.

WASTE AND RESIDUE REMOVAL VERIFICATION  
300 Area Waste Acid Treatment System

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This documents decontamination and 'clean debris surface' verification inspections for the following:

- 1. TSD unit: 300 Area Waste Acid Treatment System
- 2. Building/location: 311 Tank Farm
- 3. Component(s)/area(s): Tank 40 Catch Basin
- 4. Material (e.g., concrete metal, plastic): Coated concrete *& ALSO INCLUDES STAINLESS STEEL DRAIN PUMP/STATION # 020001 VALVE. SEE LOG ENTRY DATED 9-30-99. J.A. WYATT Jan 10/9/99*
- 5. Decontamination:
  - A. Method<sup>1</sup> (NA here if no decontamination performed): Handwashing/scrubbing
  - B. Parameters (check appropriate parameters):
    - Temperature
    - Propellant
    - Solid media (e.g., shot, grit, beads)
    - Pressure
    - Residence time
    - Surfactant(s)
    - Detergents
    - Grinding/striking media (e.g., wheels, piston heads).
    - Depth or surface layer removal
    - Other De-Solv-It or equivalent nonregulated cleaner *for 9/30/99* DETERGENT & WATER / GRENAL & WATER
- C. The decontamination identified in steps 1 through 4 was completed as specified in step 5. Brushes, mops, rags, etc.

[Signature] 9/30/99  
Signature Date

6. Verification of Performance Standard: The identified materials have been inspected visually and have attained a clean debris surface<sup>2</sup>.

Authorized Representative: [Signature] 9/30/99  
Signature Date

6 <sup>1</sup> Although not mandatory, decontamination could use a physical extraction method from Table 1,  
 7 Alternative Treatment Standards for Hazardous Debris (40 CFR 268.45).  
 8 <sup>2</sup> Definition of 'clean debris surface' from Table 1, Alternative Treatment Standards for Hazardous  
 9 Debris (40 CFR 268.45): "Clean debris surface' means the surface, when viewed without  
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 12 soil and waste in cracks, crevices, and pits, may be present provided that such staining and waste and  
 13 soil in cracks, crevices, and pits shall be limited to no more than 5% of each square inch of surface  
 14 area."  
 15 NOTE: This form does not originate in dangerous waste regulations or closure guidance documents.  
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Figure 12. 311 Tank Farm Tank 40 Catch Basin Decontamination Verification.

WASTE AND RESIDUE REMOVAL VERIFICATION  
300 Area Waste Acid Treatment System

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This documents decontamination and 'clean debris surface' verification inspections for the following:

- 1. TSD unit: 300 Area Waste Acid Treatment System
- 2. Building/location: 311 Tank Farm
- 3. Component(s)/area(s): Tank 50 Catch Basin
- 4. Material (e.g., concrete metal, plastic): Coated concrete \* Also see notes Drain Valve
- 5. Decontamination:
  - A. Method<sup>1</sup> (NA here if no decontamination performed): Hand washing/scrubbing
  - B. Parameters (check appropriate parameters):
    - Temperature
    - Propellant
    - Solid media (e.g., shot, grit, beads)
    - Pressure
    - Residence time
    - Surfactant(s)
    - Detergents
    - Grinding/striking media (e.g., wheels, piston heads).
    - Depth or surface layer removal
    - Other Brushes, mops, rags, etc.
  - C. The decontamination identified in steps 1 through 4 was completed as specified in step 5.

Remove & inspection of basin from drain. See log entry dated 1/20/99. 2-101-19  
CILM 10/2/99

~~De-Solv-It or equivalent nonregulated~~ #2-9/30/99  
cleaner ~~DETERGENT & WATER / BLEACH & WATER~~

[Signature] 9/30/99  
Signature Date

6. Verification of Performance Standard: The identified materials have been inspected visually and have attained a clean debris surface<sup>2</sup>.

Authorized Representative:  
[Signature] 9/30/99  
Signature Date

6 <sup>1</sup> Although not mandatory, decontamination could use a physical extraction method from Table 1,  
7 Alternative Treatment Standards for Hazardous Debris (40 CFR 268.45).  
8 <sup>2</sup> Definition of 'clean debris surface' from Table 1, Alternative Treatment Standards for Hazardous  
9 Debris (40 CFR 268.45): 'Clean debris surface' means the surface, when viewed without  
10 magnification, shall be free of all visible contaminated soil and hazardous waste except that residual  
11 staining from soil and waste consisting of light shadows, slight streaks, or minor discoloration's, and  
12 soil and waste in cracks, crevices, and pits, may be present provided that such staining and waste and  
13 soil in cracks, crevices, and pits shall be limited to no more than 5% of each square inch of surface  
14 area."

15 NOTE: This form does not originate in dangerous waste regulations or closure guidance documents.

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Figure 13. 311 Tank Farm Tank 50 Catch Basin Decontamination Verification.

Distribution:

G. P. Davis	Ecology	B5-18
R. L. Guillen	RL	L1-03
S. N. Luke	FDH	G1-30
E. M. Mattlin	RL	A5-15
I. L. Metcalf	FDH	L6-26
J. K. Perry	FDH	G1-30
D. E. Rasmussen	FDH	L1-04
J. A. Remaize	FDH	L6-26
J. W. Rich	FDH	L6-26
F. A. Ruck	FDH	G1-30
J. M. Steffen	FDH	L1-06
A. B. Stone	Ecology	B5-18
D. W. Templeton	RL	R3-79
Field File Custodian	FDH	H6-08
RCRA File	FDH	H6-23

ADMINISTRATIVE RECORD: 300 Area Waste Acid Treatment System Closure Plan,  
TS-3-1 [Care of EDMC, FDH (H6-08)]

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

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

Please send comments on distribution list to Scott Luke (H6-24), (509) 372-1667.