

**Meeting Minutes**

**Issue Resolution Workshop  
For  
Mixed Waste Disposal Units Part B Permit Application – Working Draft 1**

2355 Stevens, Conference Room 203  
Richland, Washington  
Meeting Held October 12, 2000  
From 2:00 to 4:00 pm

**RECEIVED**  
FEB 27 2001

**EDMC**

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

Todd Shrader Date: 2/22/01  
Todd Shrader, Project Manager, RL/WMD

Matt Mills Date: 2/22/01  
Matt Mills, Unit Manager/Permit Writer, Washington State Department of Ecology

Mixed Waste Disposal Units - Contractor Concurrence

Daniel Saueressig Date: 2/22/01  
Daniel Saueressig, Environmental Compliance Officer, Mixed Waste Disposal Units, FH/WMP

Andrea L. Prignano Date: 2/22/01  
Andrea L. Prignano, Permitting Representative, FH/ES

Purpose: Discuss permitting issues and permitting history of unit

The attached minutes are comprised of the following:

- Attachment 1 – Agenda
- Attachment 2 - Summary of Discussion (Commitments/Agreements)
- Attachment 3 - Attendance List
- Attachment 4 - Action Items
- Attachment 5 - Table: Currently Proposed Final Status Structure

## Attachment 1

### Issue Resolution Workshop For Mixed Waste Disposal Unit Part B Permit Application – Working Draft 1

2355 Stevens, Conference Room 203  
Richland, Washington  
Meeting Held October 12 2000  
From 2:00 to 4:00 pm

#### Agenda

##### 1. Workshop Process

- Approval of past workshop minutes

##### 2. Part A Issues and Permitting History of the Burial Grounds

##### 3. Process Design Capacity and Boundary Issues

##### 4. Workshop Action Items

- Status of previous action items

9-14-2000:1a Matt Mills (Ecology) - **closed 9-28-2000**  
discuss the management and handling of the RCRA islands with the Ecology office

9-14-2000:1b Matt Mills (Ecology) - **open**  
review process design capacity of LLBG of 174 hectare-meters

9-14-2000:2 Matt Mills (Ecology) - **closed 9-28-2000**  
look into permitting activities and future use (future trenches) at other hazardous waste landfills in the region, specifically the one located near Roosevelt

9-28-2000:1 Todd Shrader (RL)/Dan Saueressig (FH) - **open**  
find out what the "SW-2 " document relates to and to review the TPA on LLBG TSD units

9-28-2000:2 Todd Shrader (RL) - **open**  
Provide offsite and onsite waste forecast for disposal at the LLBG

- New action items

##### 5. Other Issues

##### 6. Date of Next Workshop

## **Attachment 2**

### **Issue Resolution Workshop For Mixed Waste Disposal Unit Part B Permit Application – Working Draft 1**

**2355 Stevens, Conference Room 203  
Richland, Washington  
Meeting Held October 12, 2000  
From 2:00 to 4:00 pm**

#### **Summary of Discussion and Commitments/Agreements**

##### **1. Workshop Process**

- **Approval of past workshop minutes**

The September 28, 2000 meeting minutes were approved.

##### **2. Part A Issues and Permitting History of the Burial Grounds**

A table was distributed that identified burial grounds currently included in the Low Level Burial Ground (LLBG) treatment, storage, and/or disposal (TSD) unit and showed the RL/FH proposed final status permit structure for including/addressing these individual burial grounds (attachment 5). Future mixed waste (MW) disposal and current MW disposal would be addressed in the Part A, form 3 at the time of final status. The RCRA islands would be addressed in chapter 11 of the Part B permit application and noted in chapter 4 (Process Information) and on the topographical map in chapter 2. Past Practice areas would not be included in either the Part A, form 3 or the Part B, but are proposed to be addressed in the 200 Area Remedial Investigation/Feasibility Study (RI/FS). RL/FH emphasized that there is regulatory coverage for all the areas and both the active portions (i.e. current MW disposal areas and RCRA islands) and the future MW disposal portions of the TSD unit are addressed in the final status permit.

Tony Miskho, FH, stated that addressing the RCRA islands in Chapter 11 of the Part B permit application does not drive us to close these areas immediately. Chapter 11 can note that the closure of the RCRA islands will be coordinated with activities for the operable unit. A footnote in Appendix C of the TPA identifies these burial grounds as “TSD units where closure and permitting activities are to be coordinated with past practice investigation and remediation activities”. Matt Mills, Ecology, agreed that there appeared to be no advantage to closing the areas separately. Tony Miskho, FH, added that it is currently planned to coordinate closure of all portions of the TSD with the Operable Unit.

In response to an Ecology question on what the benefit is to keep the RCRA islands out of the Part A, form 3, Tony Miskho, FH, replied that one driver was public perception on allowing mixed waste disposal to unlined trenches. Cindy Girres, FH, added that separating the dangerous waste activities and the non-dangerous waste activities is important from an operational perspective such as ensuring that procedures are reflective of all appropriate regulations and that field personnel have all appropriate and required training. Also, FH noted that it may be difficult to explain the RCRA

islands in the Part A, form 3 without including a compliance schedule for them.

Possible permitting schedules were discussed. Dan Saueressig, FH, proposed keeping the currently approved revision 9 of the Part A, form 3 until final status. An updated Part A, form 3 would be included with the Part B permit application package. This updated Part A, form 3 would resemble the draft revision 12 currently being discussed with Ecology.

### 3. Process Design Capacity and Boundary Issues

Dan Saueressig, FH, reported on the solid waste forecast. Approximately 60,700 cubic meters of mixed waste are projected through the year 2046. Off-site mixed waste is projected at 36 cubic meters with a maximum of 4,729 cubic meters. This information is found in the Solid Waste Integrated Forecast Technical (SWIFT) Report which can be viewed on website: [http://www.hanford.gov/docs/ep0918/sw\\_navil.htm](http://www.hanford.gov/docs/ep0918/sw_navil.htm).

Matt Mills, Ecology, stated that Ecology's concern is that off-site waste may fill up capacity before all the on-site waste is disposed and after looking into the waste forecast information, agreed to leave the process design capacity for disposal (174 hectare meters) as identified on the Part A, Form 3..

### 4. Workshop Action Items

- Status of previous action items

9-14-2000:1a Matt Mills (Ecology) - **closed 9-28-2000**  
discuss the management and handling of the RCRA islands with the Ecology office

9-14-2000:1b Matt Mills (Ecology)  
review process design capacity of LLBG of 174 hectare-meters

**This item is closed October 12, 2000.** (See agenda item 3.)

9-14-2000:2 Matt Mills (Ecology) - **closed 9-28-2000**  
look into permitting activities and future use (future trenches) at other hazardous waste landfills in the region, specifically the one located near Roosevelt

9-28-2000:1 Todd Shrader (RL)/Dan Saueressig (FH)  
find out what the "SW-2" document relates to and to review the TPA on LLBG TSD units

It was determined that the SW-2 refers to the operable unit as listed in Appendix C of the TPA and this is also the identifier being used in documents related to the 200 Area RI/FS. **This item is closed October 12, 2000.**

9-28-2000: 2 Todd Shrader (RL)  
Provide offsite and onsite waste forecast for disposal at the LLBG

**This item is closed October 12, 2000.** (See agenda item 3.)



- **New action items**

- 1) Matt Mills to discuss with Ecology the proposed final status permitting structure.
- 2) Matt Mills to discuss with Ecology submitting NODs on individual chapters separately (see agenda item 5).

## **5. Other Issues**

- **Additional Chapters**

RL/FH noted that the groundwater monitoring plan and the waste analyses (WAP) plan sections of the Part B permit application have not yet been submitted to Ecology. Cindy Girres, FH, noted that the WAP is being held up due to issues with Modification E of the Hanford Facility RCRA permit, and groundwater monitoring is waiting for resolution of the boundary of the TSD unit. No action is planned for the WAP until the modification E issues are resolved. RL/FH added that they would like to receive the notice of deficiency (NOD) comments on the other chapters prior to submittal of these two sections.

Tony Miskho, FH, described a new concept for a "MegaWAP" to cover four solid waste project TSD units: the MWDU, T-Plant, the Central Waste Complex and the Waste Receiving and Packaging (WRAP) Facility. The "MegaWAP" would not cover any other Hanford units. This concept has not yet been fully discussed with Ecology.

- **Workshop Schedule**

The current workshop and permitting schedule was discussed. It was recommended to delete the item to revise and certify the Part A form 3 by the end of November and to instead submit it with the final Part B permit application as discussed in agenda item 2. It was also recommend adding more workshops into the schedule. A workshop was added for October 26, 2000.

## **6. Date of Next Workshop**

The next workshop is scheduled:

Date: October 26, 2000

Place: 2704-HV ("SMURF" Building)/200 East Area

Time: 2:00 – 4:00 pm



**Attachment 4**

**Issue Resolution Workshop  
For  
Mixed Waste Disposal Unit Part B Permit Application – Working Draft 1**

**2355 Stevens, Conference Room 203  
Richland, Washington  
Meeting Held October 12, 2000  
From 2:00 to 4:00 pm**

**Action Items List**

<b>Action Item #</b>	<b>Responsible Party</b>	<b>Description</b>	<b>Date Closed</b>
9-14-2000:1	Matt Mills (Ecology)	b. review process design capacity of LLBG of 174 hectare-meters	10-12-00
9-28-2000:1	Todd Shrader (RL) Dan Saueressig (FH)	find out what the "SW-2 " document relates to and to review the TPA on LLBG TSD units	10-12-00
9-28-2000:2	Todd Shrader (RL)	Provide offsite and onsite waste forecast for disposal at the LLBG	10-12-00
10-12-2000:1	Matt Mills (Ecology)	Matt Mills to discuss with Ecology the proposed final status permitting structure.	
10-12-2000:2	Matt Mills (Ecology)	Matt Mills to discuss with Ecology submitting NODs on individual chapters separately	

**Attachment 5**

**Issue Resolution Workshop  
For  
Mixed Waste Disposal Unit Part B Permit Application – Working Draft 1**

**2355 Stevens, Conference Room 203  
Richland, Washington  
Meeting Held October 12, 2000  
From 2:00 to 4:00 pm**

**Table: Currently Proposed Final Status Structure**



Burial Ground	Future Mixed Waste Disposal	Active Portion		Pre-8/19/87 Past Practice
		Current MW Disposal	(8/19/87 and on) RCRA Islands	
218-E-10	northern portion	---	√	√
218-E-12B	western portion	reactor compartments	---	√
218-W-3A	---	---	√	√
218-W-3AE	---	---	√	√
218-W-4B	---	---	---	√
218-W-4C	---	---	√	√
218-W-5	---	trenches 31 & 34	√	√
218-W-6	entire burial ground	---	---	---
Currently Proposed Final Status Structure:	<ul style="list-style-type: none"> <li>• Part A;</li> <li>• one sentence in Part B chap 2.0;</li> <li>• in TOPO 2A</li> </ul>	<ul style="list-style-type: none"> <li>• Part A;</li> <li>• Entire Part B</li> </ul>	<ul style="list-style-type: none"> <li>• Chapter 11 Part B Closure;</li> <li>• one sentence in Part B chap 4.0;</li> <li>• in TOPO 2A</li> </ul>	<ul style="list-style-type: none"> <li>• Not in Part A or Part B;</li> <li>• in 200 Area RI/FS</li> </ul>

**Distribution:**

<b>R. M. Engelmann</b>	<b>FH</b>	<b>G1-30</b>
<b>R. D. Greenwell</b>	<b>FH</b>	<b>T4-04</b>
<b>F. C. Jamison</b>	<b>Ecology</b>	<b>B5-18</b>
<b>A. C. McKarns</b>	<b>RL</b>	<b>A2-15</b>
<b>M. E. Mills</b>	<b>Ecology</b>	<b>B5-18</b>
<b>A. L. Prignano</b>	<b>FH</b>	<b>G1-30</b>
<b>D. G. Saueressig</b>	<b>FH</b>	<b>T4-04</b>
<b>T. A. Shrader</b>	<b>RL</b>	<b>H0-12</b>
<b>G. L. Sinton</b>	<b>RL</b>	<b>H0-12</b>
<b>J. F. Williams Jr.</b>	<b>FH</b>	<b>G1-30</b>

**ADMINISTRATIVE RECORD: Mixed Waste Disposal Unit/Low-Level Burial Grounds [Care of EDMC, LMSI (H6-08)]**

**Please send comments on distribution list to A. L. Prignano (G1-30), (509) 376-1057.**