

Meeting Minutes Transmittal

Ecology Interface Meeting

**Richland, Washington
October 21, 1999**

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EDMC

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

Jeanne J. Wallace
Jeanne J. Wallace, Project Manager, Ecology

Date: 1/27/2000

Gregory I. Sinton
Gregory Sinton, Project Manager, RL

Date: 1-27-00

FDH Concurrence

CK Girres
Cynthia K. Girres, Project Manager, FDH WMP

Date: 1-27-00

Management Monthly Interface Meeting Minutes for October 21, 1999

ATTENDEES

C. K. Girres, WMH
R. F. Guercia, RL
G. L. Sinton, RL

J. Wallace, Ecology
R. T. Wilde, WMH
T. Williams, RL

Opened the meeting with a review of September 16, 1999, meeting minutes. Looked over the Operational Status Report for the Month of October. They were as follows:

300 Area Liquids Facility

310 TEDF

- The 310 Facility continued to operate well in the month of September. The average flow rate for the month was 112gpm. The cumulative unplanned outage rate for FY99 is 1.66%.
- Work to repair the south clarifier continued. An NCR was written for visual defects in the vendor's welds. Repair welding and magnetic particle testing was completed. Painting was initiated.
- A FEB representative performed an assessment of procurement training and the use of the PassPort System. No deficiencies were noted.

340 Facility

- The 307 Retention Basin RPS remained fully operational at an average influent flow rate of 6.3 gpm.
- Continued discussions to transfer 340 Facility to the River Corridor Project.
- Performed flow testing on the inlet duct of the 340-NT-EX exhaust system to determine flow characteristics. Preliminary results indicated considerable turbulence is present in the air stream where air sampling equipment is to be installed. The air sampling equipment will be used to collect radionuclide emission data from the stack. Results from this test will serve as a basis for designating the stack as a major or minor emission point in accordance with WAC 246-247.
- An unannounced level II inspection on the 340-NT-EX stack was conducted by WDOH. No deficiencies or issues were identified. The last inspection of this stack by WDOH was March 1999.

200 Area Liquid Waste Processing Facilities

242-A Evaporator

Currently shutdown.

Evaporator campaign 00-01 scheduled for March/April

Liquid Effluent Retention Facility (LERF)

- Basin 42 - Liquid Level: 8.0 ft or 1.8 Mgal
- Basin 43 - Liquid Level: 9.0 ft or 2.1 Mgal
- Basin 44 - Liquid Level: 14.9 ft or 4.1 Mgal
- Basin 43 continues to receive groundwater at 50 gpm

200 Area Treated Effluent Disposal Facility (TEDF)

- Monthly flow average: 71 gpm
- Total discharge: 3,065,000 gallons
- Maximum daily flow: 226 gpm
- Minimum daily flow: 4 gpm
- Met with Mr. Dougherty on September 22 to discuss renewal of permit ST 4502. Revised effluent and groundwater monitoring requirements were discussed. A draft groundwater monitoring plan was provided to Ecology.

200 Area Effluent Treatment Facility (ETF)

- Current groundwater campaign expected to be complete late October
- Preparations being made for RCRA campaign on Basin 42
- Annual operations and maintenance manual review has been completed and is available at the facility per Permit ST 4500.
- On September 29, Mr. Dougherty, Ecology, approved increasing the practical quantitation level (PQL) for tritium under permit ST 4500 from 460 to 2000 pCi/liter. This approval is documented in the attached telephone conference memo. (Signed hardcopy will be provided for entry into the official meeting minutes.)
- Cindy Girres offered an overview report on the Occurrence that happened on 10/15/99 at 200 ETF.

WML

- Ecology (Ms. Brenda Becker-Khaleel) visited the 222-S Laboratory on October 4, 1999, to observe the weekly inspection of Satellite Accumulation Areas. Several minor discrepancies were identified and corrected immediately. These items and other observations were discussed during a brief closeout meeting and no follow-up action is required. Steve Szendre (FDH) and Paula Clark (DOE) were also in attendance throughout this weekly inspection and closeout discussion.
- A notification was made to the Department of Health on October 14, 1999, that three drum to tanker transfers that occurred in January 1999 were not covered by the WSCF NOC. This issue was identified by laboratory personnel during planning for a similar transfer that would have taken place later this month. The WSCF NOC, which is currently being revised for other reasons, will be further revised to cover this periodic routine activity.
- 219-S Tank 103 data from March 1999 was reviewed and determined sufficiently representative for use in completing an interim waste designation that will support the removal of Tank 104 contents which, based on the anti-dilution rule, contains greater than 50 ppm PCBs. Because of the PCBs, Tank Farms cannot accept the Tank 104 contents, which will now be transferred to 55-gallon drums for storage at T-Plant pending the availability of on or off-site treatment capability. A sample of the tank contents will be obtained before the transfer occurs, so that the interim designation can be confirmed.
- The PHMC Facility Evaluation Board will spend the week of October 18 at the laboratories, performing a multi-disciplinary assistance visit. Progress on previous findings and current operating practices will be reviewed to evaluate process improvement.

Waste Services

- Pollution Prevention Week kicked off Monday, September 20, 1999. DOE-RL, WMH, The City of Richland, and Ben Franklin Transit were major sponsors of this promotion. WMH/ DOE supplied flyers and posters to assist in promoting P2 Week. So far, this was the biggest and most successful promoting of P2 Week to date.
- The five City of Kennewick and five City of Richland Small Business Pollution Prevention Opportunity Assessments have been completed. Preliminary information indicated that eleven (11) of fifteen (15) pollution prevention opportunities identified to the Kennewick businesses are to be implemented. At one business in Richland, two (2) of three (3) opportunities were implemented by the close of the assessment. The City of Kennewick and the DOE have expressed a desire that the FDH Waste Management P2/WMin Group continue the program and added several new items (i.e., an incentive program for the business community, submit Ecology award nomination, and obtain information on the DOE/Nice3 grants with the intent of submitting an application).
- The temporary 90-Day Accumulation area adjacent to 2245-B, south of B-Plant, which was operated in support of the FDH Excess Chemical Clean Out Project, was closed on Thursday, September 24, 1999.
- Two shipments of mixed waste were made to ATG on September 28, and September 29, 1999. This represented 70 cubic meters of radioactive mixed inventory reduction.
- DOE-RL milestone YP2-99-003, "Conduct Six Site Wide Strategic Pollution Opportunity Assessments", was completed on schedule. FDH letter, FDH-9956926, dated September 27, 1999 forwarded copies of the six (6) site wide Pollution Prevention Opportunity Assessments to the Acting Director of the RL Waste Programs Division.

WRAP

- The WIPP RCRA Permit is anticipated to be issued by the end of October and effective 30 days later. After the effective date of the permit, all waste shipped to WIPP must be characterized in accordance with the permit waste analysis plan. As a result, CAO is not performing additional certification audits until the DOE sites are operating in accordance with the new permit requirements. There are still some changes that will need to be made although it looks better than was first thought.

Hanford is working with CAO to revise the current program procedures and documents to implement the permit requirements and prepare for a certification audit. CAO has provided a small dedicated team of technical and quality assurance personnel to work with the Hanford TRU Project staff in this effort.

The majority of the characterization activities conducted under the current program requirements are compliant with the permit requirements (e.g., AK, NDE, NDA, VE). Some rework of the headspace gas sampling methodology will be needed to conform to the permit requirements.

- Received and preparing comments on Ecology permit conditions for the WRAP facility.

• WRAP Fiscal Year 1999 Activity:	• WRAP October (10/1 to 10/14) Progress
• 463 drums NDE	WRAP Fiscal Year 2000 To Date Activity: 59 drums NDE
• 278 drums NDA	13 drums NDA
• 18 drums processed LL Glovebox	0 drums processed LL Glovebox
• 37 (28 for VE) drums TRU Glovebox	0 TRU Glovebox
• 34 boxes NDE	0 boxes NDE
187 M ³ (boxes & drums) shipped	6.2 M ³ drums shipped

Solid Waste Storage and Disposal Project

616 NRDWSF

- No activity.

2401-W

- No activity.

< 90 Day Accumulation Pad Adjacent to 209E Building (formerly 209-E Storage Pad)

- Received 12 mixed waste containers.
- Received 15 bags of INS LLW
- Received 61 bags of LLW
- Received 7 dangerous waste containers
- Received 1 LLW containers
- Shipped 7 mixed waste containers
- Shipped 1 LLW box
- Shipped 1 dangerous waste container
- Shipped 3 non-regulated containers.

Central Waste Complex

- Received containers for TRU WIPP Project for WRAP.
- Installed bird netting around the 2420-W German Log Pad.
- Received approximately 100 replacement fire extinguishers.
- Supported Assaying in Trench 29 of the 218-W-4C.
- Approximately 4,228 cubic feet of mixed waste was accepted for storage in the CWC.
- Approximately 387 cubic feet of TRU waste was accepted for storage in the CWC.

Low-Level Burial Grounds

- Work continued in support of the SRC painting project in Trench 94 of the 218-E-12B Burial Ground.
- Trench 34 of the 218-W-5 Burial Ground was placed in the disposal mode on September 15, 1999. 181 cubic meters of LDR compliant radioactive mixed waste previously stored in Trench 34 is now declared disposed. In addition to the above, five drums (approx. 1m³) of mixed low level waste were removed from the Central Waste Complex. Verification was performed that the drums met the disposal criteria and these drums were subsequently disposed on September 30, 1999. This meets the TPA Milestone, M-91-13. A letter was submitted on September 30, 1999, to DOE-RL for meeting this interim milestone.
- Began work on the in trench stabilization grouting project 2.
- Completed the TRU Retrieval/Assay Project. A total of 269 containers were assayed
- Approximately 60,181 cubic feet of LLW was accepted for disposal in the LLBG.

Solid Waste Treatment Project

T Plant Complex

- 20 Boxes were NDE verified
 - 6 containers were visually inspected and/or chem screened
 - 8 containers had samples returned
 - 2 209-E 90-day storage pad containers were sampled
- 2 PNNL legacy containers were packaged.

Handed out the new organizational charts from the RL reorg. and the FDH/WMH reorg. There was some discussion on the reorg. from both companies. Richard Wilde gave an overview on the Waste Management Hanford, Inc. accomplishments for FY 1999, the 1999 Accomplishments Book will be coming out soon and DOE will have it put on the web page. There was some discussion of the format of the meetings to follow.

6. Standing Agenda Items:

- Closure Plans (No Change)
 - 616 Building
 - 2401-W
- 221-T/2706 T Facility (Girres)
- 222-S/219-S Part B (No longer part of WMD) DROPPED
- MWDU Part A, Form 3 status (Cindy Girres)
- Delisting Status (Wallace) CONTINUE AS IS

7. Open Action Items Update:

- Schedule a follow up meeting on contingency plans CLOSED
- Reschedule meeting on 2401-W usage OPEN NO ACTIONS OR DUE DATES
- Reschedule tour for Ecology to CWC, LLBG, 2706-T, T Plant, WSCF. (Girres / Wallace)OPEN
- A decision should be made on splitting the Part A permit for the T-plant complex. (Wallace)OPEN
- Set up a meeting on M-91-04/07 OPEN
- Provide additional information on CWC diesel spill as requested in 9/16 interface meeting CLOSED

8. Open Action Items:

- Reschedule meeting on 2401-W usage
- Reschedule tour for Ecology to CWC, LLBG, 2706-T, T Plant, WSCF.
(Girres / Wallace)
- A decision should be made on splitting the Part A permit for the T-plant complex.
(Wallace)
- Set up a meeting on M-91-04/07

9. New Action Items:

- Provide a POC for the facilities.
- Get Table to track action items.
- Set up new format for meeting.
- Schedule new meeting.
- Closures Plans for 616 and 2401-W
- 221-T & 2706-T Review closure strategy.
- DRAFT CLOSURE a letter of extension from Ecology needed.
- Meeting w/Ecology for comments
- Meeting w/Ecology & WMH for Delisting Status.
- M-91-10 PMP comment from Ecology by 12-1-99.
- Waiting for letter form Ecology that will clarify some of the LDR issues.
(L. Ruud)