

## Meeting Minutes Transmittal

**PURGEWATER**  
**Project Managers Meeting**  
**825 Jadwin/Room 340**  
**Hanford, Washington**  
**January 24, 2008**

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with content only and are not intended to imply agreement to any commitments.

  
 Project Manager, Ecology

Date: 2/28/08

  
 Project Manager Representative, RL

Date: 2/28/08

  
 Project Manager Representative, FH

Date: 2/28/08

**RECEIVED**  
 MAR 05 2008

**EDMC**

Purgewater Administrative Record	H6-08
RD Hildebrand	A6-38
DG Singleton	H0-57
BK Jentzen	H0-57
JA Winterhalder	E6-35

TSD - TS - 6 - 1  
 Author - DOE  
 Recip - Dist. / Ecology

## PURGEWATER PROJECT MEETING MINUTES

Project Managers Meeting  
825 Jadwin/Room 340/700 Area  
Richland, Washington

January 24, 2007

- I. Approval of November 29, 2007 Purgewater Project Meeting Minutes (Ecology/DOE-RL/FH). The PMM minutes were approved.
- II. Operational Status
  - A. John Winterhalder (FH) provided a handout listing the purgewater monthly report for 2007; the proposed purgewater management strategy; and a conceptual drawing for a relined modutank No. 2.
- III. Project Specific Issues
  - A. Strategy Document Status
    1. Mr. Winterhalder reported that a meeting was held in December 2007, and the proposed strategy for operation of a relined modutank No. 2 was presented to Ecology and EPA. Ecology has an action to provide a response to the strategy.
    2. Tony Miskho (FH) noted that during the November 29, 2007 PMM, the issue of whether or not a purgewater strategy document is needed was on the table, and Ecology had an action to hold an internal discussion on the issue. During the December 2007 meeting, RL/FH stated that it didn't necessarily need a purgewater strategy document, provided that the other considerations were addressed (see pg. 2 of Mr. Winterhalder's handout).
    3. A lengthy discussion ensued regarding each of the bullets under other considerations and how they could provide the flexibility needed for purgewater management. Mr. Winterhalder stated that RL/FH met with Ecology and EPA to discuss the aquifer tubes discharge to the ground, and RL/FH agreed to prepare a draft aquifer tube waste control plan that would govern management of all the tubes and all the waste associated with the installation and sampling of those tubes. It was suggested in the December 2007 meeting that the contained-in versus discharge to the ground be addressed in the draft waste control plan.
    4. Linda Petersen (FH) pointed out that if the purgewater strategy is no longer used, there would be a concern at the ETF load-in facility because the waste in the tank at the load-in is nonregulated for listed waste according to the purgewater strategy. It was agreed to add the phrase in bullet No. 2 under other considerations: "...management of purgewater trucks *and ETF load-in facility.*" There was discussion of the possibility of adding to the IDW strategy and using it, along with the other considerations, in place of the purgewater strategy.
    5. Doug Hildebrand (RL) referred to a discussion with Ecology regarding a conditional contained-in based on contingent management. There was some discussion regarding characteristic codes placed at the well head, and Ms. Singleton indicated that she would discuss the issue with Brenda Jensen (Ecology).
    6. The issue of taking modutank No. 2 out of the RCRA permit through procedural closure without sampling was discussed. Ms. Singleton stated that if RL/FH can show verification that tank No. 2 was never used, she wouldn't expect sampling through a DQO and a SAP to be required.



**PURGEWATER PROJECT MEETING**  
**825 Jadwin/Room 340**  
**Hanford, Washington**  
**January 24, 2008**

**11:15 a.m. to 11:45 a.m.**

**Agenda**

- I. Approval of November 29, 2007 Purgewater Project Meeting Minutes (Ecology/DOE-RL/FH)
- II. Operational Status
- III. Project Specific Issues
  - A. Strategy Document Status
  - B. Purgewater Sediment Issues
- IV. General Discussions
- V. Status of Actions
- VI. New Action Items
- VII. Documents for Submittal to the Administrative Record
- VIII. Next Project Managers Meeting



# PURGE WATER MONTHLY REPORT 2007

Purge Water Generated	MONTH ENDING	
	gallons	kg's
JAN ETF	26,670.0000	100,920.9575
JAN MODUTANKS	26,832.5000	101,471.4778
FEB ETF	28,027.0000	105,988.6745
FEB MODUTANKS	31,074.0000	117,511.4023
MAR ETF	7,777.5000	29,411.8855
MAR MODUTANKS	21,371.0000	80,817.9242
APR ETF	21,764.0000	82,304.1179
APR MODUTANKS	8,700.0000	32,900.4698
MAY ETF	9,860.5000	37,289.0900
MAY MODUTANKS	35,155.0000	132,944.3698
JUNE ETF	24,637.0000	93,168.8363
JUNE MODUTANKS	41810.0000	158,111.3384
JULY ETF	13,983.5000	52,880.8874
JULY MODUTANKS	34,649.0000	131,030.8482
AUGUST ETF	21,684.5000	82,003.4757
AUGUST MODUTANKS	43,274.0000	163,647.6933
SEPTEMBER ETF	24,554.0000	92,854.9582
SEPTEMBER MODUTANKS	46,580.0000	176,149.8719
OCTOBER ETF	23,752.0000	89,822.0643
OCTOBER MODUTANKS	35,749.0000	135,190.6777
NOVEMBER ETF	18,870.0000	71,359.9846
NOVEMBER MODUTANKS	38,744.0000	146,516.7590
DECEMBER ETF	25,164.5000	95,163.6636
DECEMBER MODUTANKS	48,498.00	183,403.1019
<b>2007 GRAND TOTAL TO DATE</b>	<b>659,181.0000</b>	<b>2,492,864.5298</b>

## **Proposed Purgewater Management Strategy**

### **SHORT TERM** ( $\leq 10$ years)

- Purgewater from well sampling continues to go to ETF (~35-50% of total)
- Solids settling capability (settling basin or purchased skid) established at ModuTanks
- Reline ModuTank #2 & operate as CERCLA unit under IDW Strategy
- Use above capability (solids settling and ModuTank #2) to remove solids from ModuTank #1
- Implement RCRA closure of ModuTank #1 & close TSD unit

### **LONG TERM** (5 to $\leq 10$ years)

- New expanded 200 West Area treatment facility used for all purgewater
- ModuTank use discontinued permanently

### **OTHER CONSIDERATIONS**

- The existing agreement for the steps needed to close the Purgewater TSD unit was documented in a dispute resolution Project Manager Meeting dated August 29, 2002. Any new agreement should supersede the dispute resolution agreement.
- DOE must rely on the existing 1990 Purgewater Strategy for listed waste management of the purgewater trucks until a storage option is implemented (e.g. CERCLA storage area or RCRA permitted storage). Listed waste management issues through WSCF and ETF have been addressed.
- DOE is no longer requesting a contained-in determination for listed waste management associated with purgewater
- DOE needs to maintain case-by-case discharge to ground request process (primarily for 600 Area wells remote from waste sites and contaminant plumes)
- DOE needs to obtain regulator agreement on the discharge of purgewater from aquifer tubes to ground (safety concern with lugging 5-gallon carboys up river bank)

WESTINGHOUSE ELECTRIC CORPORATION  
SUNNYVALE, CALIFORNIA

CALCULATION SHEET

SHEET \_\_\_\_\_ OF \_\_\_\_\_

SUBJECT

FIGURES BY

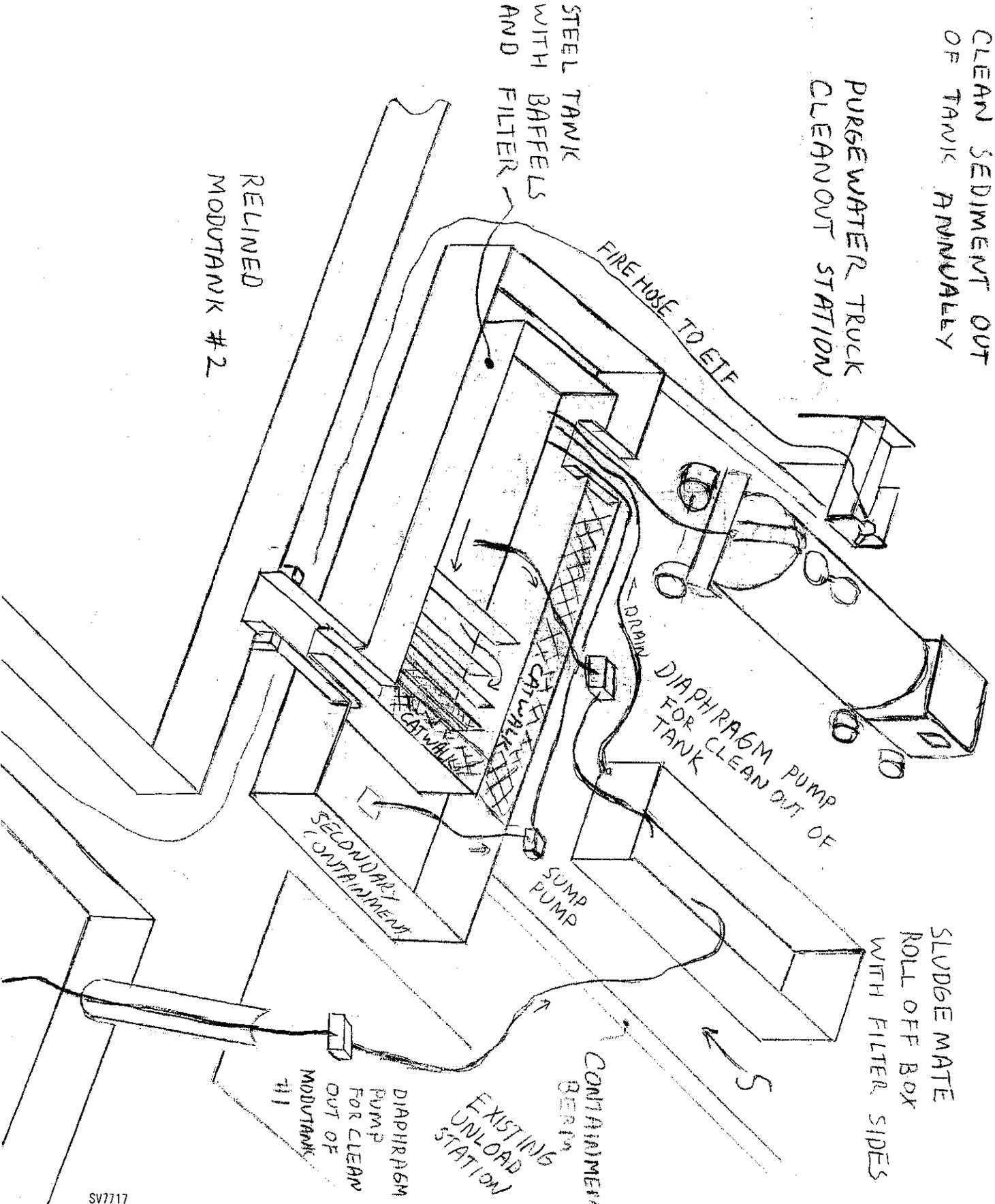
Kuehn

DATE

1/17/08

CHECKED BY

DATE



CLEAN SEDIMENT OUT  
OF TANK ANNUALLY

PURGEWATER TRUCK  
CLEANOUT STATION

STEEL TANK  
WITH BAFFELS  
AND FILTER

FIRE HOSE TO ETE

RELINED  
MODUTANK #2

DRAIN

DIAPHRAGM PUMP  
FOR CLEAN OUT OF  
TANK

SUMP  
PUMP

SECONDARY  
CONTAINMENT

DIAPHRAGM  
PUMP  
FOR CLEAN  
OUT OF  
MODUTANK  
#1

EXISTING  
UNLOAD  
STATION

CONTAINMENT  
BERM

SLUDGE MATE  
ROLL OFF BOX  
WITH FILTER SIDES