



**OFFICE OF RIVER PROTECTION**  
P.O. Box 450, MSIN H6-60  
Richland, Washington 99352

**JAN 31 2013**

13-WTP-0013

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U.S. Environmental Protection Agency  
Hanford, INL Project Office  
309 Bradley Blvd., Ste. 115  
Richland, Washington 99352

Addressees:

**HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (HFFACO)  
(ALSO KNOWN AS TRI-PARTY AGREEMENT) INTERIM MILESTONE M-062-01,  
JANUARY 2013 SEMI-ANNUAL PROJECT COMPLIANCE REPORT FOR MAY 1, 2012  
THROUGH OCTOBER 31, 2012**

This letter transmits the U.S. Department of Energy, January 2013 Semi-Annual Project Compliance Report (Attachment) required by Interim Milestone M-062-01 for the period of May 1, 2012 through October 31, 2012. As stipulated in the M-062-01 milestone, this report includes project summaries of accomplishments, issues, and actions being taken for the M-062-00 milestone series.

If you have any questions, please contact me, or your staff may contact Delmar L. Noyes, Acting Federal Project Director, for the Waste Treatment and Immobilization Plant Project, (509) 376-5166, or Thomas W. Fletcher, Assistant Manager for the Tank Farms Project, (509) 376-3434.

A handwritten signature in black ink that reads "Kevin W. Smith".

Kevin W. Smith  
Manager

Attachment

cc: See Page 2

Addressees  
12-WTP-0013

-2-

JAN 31 2013

cc w/attach:

F. M. Russo, BNI  
B. G. Erlandson, BNI  
J. Cox, CTUIR  
S. Harris, CTUIR  
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C. Burrows, WRPS  
J. W. Donnelly, WRPS  
C. G. Spencer, WRPS  
R. Jim, YN  
Administrative Record  
BNI Correspondence  
Environmental Portal, LMSI  
TPA Administrative Record (S-2-4)  
WRPS Correspondence

cc w/o attach:

M. Anderson-Moore, Ecology  
G. P. Davis, Ecology

ATTACHMENT

13-WTP-0013

**U.S. DEPARTMENT OF ENERGY, OFFICE OF RIVER  
PROTECTION RIVER PROTECTION PROJECT – JANUARY  
2013 SEMI-ANNUAL PROJECT COMPLIANCE REPORT PER  
HANFORD FEDERAL FACILITY AGREEMENT AND  
CONSENT ORDER MILESTONE M-062-01**

**MAY 1, 2012 – OCTOBER 31, 2012**

Pages 6 (Including Coversheet)



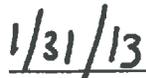
**U.S. DEPARTMENT OF ENERGY, OFFICE OF RIVER  
PROTECTION RIVER PROTECTION PROJECT – JANUARY  
2013 SEMI-ANNUAL PROJECT COMPLIANCE REPORT PER  
HANFORD FEDERAL FACILITY AGREEMENT AND  
CONSENT ORDER MILESTONE M-062-01**

**May 1, 2012 – October 31, 2012**



**U.S. DEPARTMENT OF ENERGY  
OFFICE OF RIVER PROTECTION  
2440 Stevens Center Place  
Richland, Washington 99354**

  
\_\_\_\_\_  
**Stacy L. Charboneau  
ORP Deputy Manager**

  
\_\_\_\_\_  
**Date**

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## LIST OF ACRONYMS

BNI	Bechtel National, Inc.
DOE	U.S. Department of Energy
EAC	Estimate at Completion
Ecology	Washington State Department of Ecology
EFRT	External Flowsheet Review Team
FBSR	Fluidized Bed Stream Reformer
FY	Fiscal Year
HFFACO	Hanford Federal Facility Agreement and Consent Order
HTWOS	Hanford Tank Waste Operations Simulation
LCM	Life Cycle Cost Model
ORP	Office of River Protection
RCRA	Resource Conservation and Recovery Act of 1976, as amended
SP	System Plan
SST	Single Shell Tank
TOC	Tank Operations Contract
TPA	Tri-Party Agreement
WRPS	Washington River Protection Solutions
WTP	Waste Treatment and Immobilization Plant

## **1.0 INTRODUCTION**

The U.S. Department of Energy (DOE) Office of River Protection (ORP) is submitting this Semi-Annual Project Compliance Report (M-062-01Y) to satisfy the requirements of the Hanford Federal Facility Agreement and Consent Order (HFFACO), commonly referred to as the Tri-Party Agreement (TPA), Milestone M-062-01. As detailed in M-062-01, this report documents ORP's compliance with the TPA Milestone M-062-00 series, provides updates, progress and issues relative to those milestones, and identifies activities expected in the near future.

DOE and DOE's Contractors remain in compliance with TPA Milestone M-062-00 series requirements and have completed sufficient work to allow achievement of the requirements.

This compliance report discusses each of the M-062-00 milestones due during the reporting period. The project progress, budget, and cost information in the report is based on the period of May 2012 through October 2012.

## **2.0 NEAR-TERM M-062-00 SERIES TPA MILESTONES**

### **2.1 M-062-40**

M-062-40, Submit a System Plan to Ecology describing the disposition of all tank waste managed by ORP. M-062-40 has several embedded milestones:

- M-062-40C, Select a minimum of three scenarios that will be analyzed in the system plan. Due: 10/31/2013, Status: On Schedule.
- M-062-40D, Submit a system plan describing the disposition of all tank waste managed by ORP. Due: 10/31/2014, Status: On Schedule.

### **2.2 M-062-40ZZ**

M-062-40ZZ, Submit a one-time Tank Waste Supplemental Treatment Technologies report if a supplemental treatment technology is proposed other than a 2nd LAW. Due: 10/31/2014, Status: On Schedule.

## **3.0 WASTE TREATMENT AND IMMOBILIZATION PLANT (WTP)**

### **3.1 Budget/Cost Status**

Total funding available for the WTP Project in FY 2012 was \$886 million, which included \$740 million new budget authority and \$146 million of FY 2011 carryover funds. To date, the WTP Project has received \$8.234 billion of funding. Total funding available for the WTP Project in FY 2013 is \$529 million, which includes \$361 million of new budget authority appropriated during the Continuing Resolution, which expires March 27, 2013, and \$168 million of FY 2012 carryover funds. The next Continuing Resolution is expected to appropriate \$321 million, the balance of the budget of \$690 million. Through October, the WTP Project has received \$8.234 billion of funding.

For FY 2013, the WTP Project plans to spend \$690 million through September 2013. At the end of the reporting period, the total WTP Project spend is \$7.733 billion.

## **4.0 TANK FARMS**

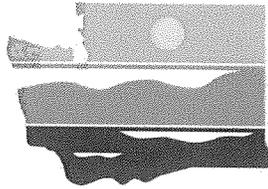
#### **4.1 Budget/Cost Status**

The total budget at completion for SST retrieval activities in fiscal year 2012 is \$100.4 million. For the period May 1, 2012, through October 31, 2012, SST retrieval activities cost-to-date is \$57.3M.

For FY 2013, the TF Project plans to spend \$441 million through September 2013; the spend plan is pending monthly or quarterly distribution of funds.

#### **5.0 SCHEDULE MITIGATION**

All M-062-00 milestones are on schedule. No schedule mitigation has been necessary during the reporting period.



DEPARTMENT OF  
**ECOLOGY**  
State of Washington

**Washington State Department of Ecology**  
Nuclear Waste Program  
Hanford Project

**Document Receipt Verification**

<b>Date:</b> <u>1/31/13</u>	<input checked="" type="checkbox"/> Incoming	<input type="checkbox"/> Outgoing
<b>To:</b> <u>Jane A. Hedges</u>		
<b>Receiver Signature:</b> <u><i>Andrea Adams</i></u>		
<b>From:</b> <u>Kevin W. Smith</u>		
<b>Document Title and Number:</b> 13-WTP-0013 Hanford Federal Facility Agreement and Consent Order (HFFACO) (Also known as Tri-Party Agreement) Interim Milestone M-062-01, January 2013 Semi-Annual Project Compliance Report for May 1, 2012 through October 31, 2012		