



U.S. Department of Energy  
**Office of River Protection**

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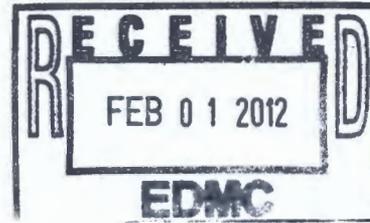
P.O. Box 450, MSIN H6-60  
Richland, Washington 99352

JAN 27 2012

12-WTP-0034

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Mr. Dennis E. Faulk  
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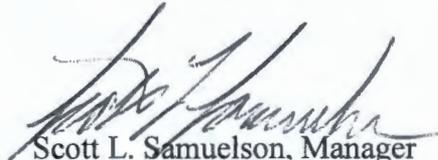
Addressees:

HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (HFFACO)  
(ALSO KNOWN AS TRI-PARTY AGREEMENT) INTERIM MILESTONE M-062-01,  
"SEMI-ANNUAL PROJECT COMPLIANCE REPORT" FOR JULY 1, 2011 THROUGH  
DECEMBER 31, 2011

This letter transmits the U.S. Department of Energy, Semi-Annual Project Compliance Report (Attachment) required by Interim Milestone M-062-01 for the period of July 1, 2011 through December 31, 2011. As stipulated in the M-062-01 milestone, this report includes project summaries of accomplishments, issues, and actions being taken.

If you have any questions, please contact me, or your staff may contact Dale E. Knutson, Federal Project Director, Waste Treatment and Immobilization Plant Project, (509) 376-6727, or Thomas W. Fletcher, Manager for Tank Farms Project, (509) 376-3434.

Sincerely,

  
Scott L. Samuelson, Manager  
Office of River Protection

WTP:JAR

Attachment

cc: See Page 2

S.24

Addressees  
12-WTP-0034

-2-

JAN 27 2012

cc w/attach:

F. Russo, BNI  
B. G. Erlandson, BNI  
J. Cox, CTUIR  
S. Harris, CTUIR  
S. L. Dahl, Ecology  
J. J. Lyon, Ecology  
D. McDonald, Ecology  
J. B. Price, Ecology  
C. Whalen, Ecology  
K.G. Picha, EM-2  
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J. G. Vance, MSA  
G. Bohnee, NPT  
K. Niles, ODOE  
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

12-WTP-0034

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

**JULY 1, 2011 – DECEMBER 31, 2011**

Pages 6 (Including Coversheet)



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

**July 1, 2011 – December 31, 2011**

The logo for the Office of River Protection, featuring the text "Office of River Protection" in a bold, sans-serif font, set against a background of a stylized, wavy river or water surface.

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

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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
FSBR	Fluid 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 is submitting this Semi-Annual Project Compliance Report (M-062-01W) 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 requirements for the period from July 1, 2011, through December 31, 2011, 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 budget and cost information in the report is based on the period of May 2011 through October 2011.

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

### **2.1 M-062-30**

Near-term milestone M-062-30, Complete Negotiations Establishing Milestones for Near-Term Actions, due October 31, 2011, was deleted following agreement between Ecology and ORP allowing the elements required by this milestone to be considered during the M-062-40 or M-062-45 negotiations.

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

Embedded within M-062-40 and identified as M-062-40B is the requirement to submit a system plan describing the disposition of all tank waste managed by Office of River Protection (ORP). The System Plan was submitted on 10/21/2011.

### **2.3 M-062-49**

DOE Letter 11-WTP-106, *Tri-Party Agreement (TPA) Changes and BNI Support*, directed BNI to take responsibility for TPA milestone M-62-49. The required report was submitted to the Department of Ecology on 10/27/2011.

### **2.4 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 2011 was \$956 million, which includes \$740 million new budget authority, and \$216 million of FY 2010 carryover funds. The WTP Project has received \$6.663 billion of funding as of the end of FY 2011.

Total funding available for the WTP Project in FY 2012 is forecast to be \$880 million, which includes a projected \$740 million new budget authority, and \$146 million of FY 2011 carryover funds. To date, the WTP Project has received \$6.758 billion of funding.

For FY 2011, the WTP Project spend was \$805 million through September 2011. Through FY 2011 to date, the total WTP Project spend is \$6.503 billion.

For FY 2012, the WTP Project plans to spend \$800 million through September 2012, but due to continuing resolution, including monthly funding, this spend plan is tentative.

#### **4.0 TANK FARMS**

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

Total funding available for the TF Project in FY 2011 was \$396.9 million, which included \$349 million of new budget authority, and \$58 million of FY 2010 carryover funds.

Total funding available for the TF Project in FY 2012 is forecast to be \$479 million, which includes a projected \$445 million new budget authority and \$34 million of FY 2011 carryover funds.

For FY 2011, the TF Project spent \$419 million through September 2011. Through FY 2011 to date, the total TF Project spend is \$4.898 billion.

For FY 2012, the TF Project plans to spend \$479 million through September 2012, 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.

#### **6.0 WRITTEN DIRECTIVES**

The ORP has provided a written directive to Washington River Protection Solutions, LLC for work required by this decree on September 11, 2011, numbered 11-TF-093.