

# Atlantic Richfield Company

**Eric J. Larson**  
Operations Project Manager

Remediation Management  
1 W. Pennsylvania Avenue  
Suite 440  
Towson, MD 21204  
Phone: (410) 825-2880  
Mobile: (443) 807-6233  
Fax: (410) 825-8675  
E-Mail: eric.larson@bp.com

January 4, 2013

Mr. Michael J. Negrelli  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region 2  
290 Broadway Avenue  
NYC SB2 – 20<sup>th</sup> Floor  
New York, NY 10007-1866

**October - December 2012 Progress Report**  
**Former Sinclair Refinery OU2**  
**Wellsville, NY**

Dear Mr. Negrelli:

Attached is the progress report for OU2 at the former Sinclair Refinery Site in Wellsville, New York. The report covers the period October 1, 2012 through December 31, 2012.

If you have any questions or comments on this submittal, please feel free to contact me at 443-807-6233.

Sincerely,



Eric J. Larson  
Operations Project Manager

cc: Maurice Moore, NYSDEC  
Craig Clark, Alfred State College  
Vilia Drazys, BP  
John Laager, SBAI  
Martin Schmidt, URS  
Jerry Palmer, On-Site

**FOURTH QUARTER 2012 PROGRESS REPORT  
FORMER SINCLAIR REFINERY  
WELLSVILLE, NEW YORK**

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**PREPARED BY:** Atlantic Richfield Company  
Eric J. Larson

**REPORTING PERIOD:** October 1, 2012 through December 31, 2012

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**1. PROGRESS MADE THIS REPORTING PERIOD:**

- October 2012: Continued operation and maintenance activities associated with the treatment system (this task is continuous). Collected monthly SPDES samples on Oct. 3<sup>rd</sup>, collected monthly manhole samples on Oct. 4<sup>th</sup>. Performed Quarterly synoptic water level measurements on Oct. 17<sup>th</sup>. Envirocon and Meadville Landscaping re-mobilized during the week of Oct. 15<sup>th</sup> to plant trees to replace those lost through attrition. Envirocon also demobilized the remainder of their materials from site.
- November 2012: Collected monthly SPDES samples on Nov. 7<sup>th</sup>, collected monthly manhole samples on Nov. 8<sup>th</sup>. Began raising water levels in the SFW's to winter operational levels during week of Nov. 5<sup>th</sup>.
- December 2012: Collected monthly SPDES samples on Dec. 3<sup>rd</sup>, collected monthly manhole samples on Dec. 4<sup>th</sup>. Blowers in the SFW's were started during the week of Dec. 3<sup>rd</sup>.

**2. UNANTICIPATED PROBLEM AREAS AND RECOMMENDED SOLUTIONS:**

- An air leak in an airline leading to SFW-1 was discovered on Dec. 5<sup>th</sup>; that blower was temporarily shut down while a safe repair plan was formalized. Hand excavation of less than 12" was conducted to expose the airline, revealing that a fitting had become dislodged. Due to deteriorating weather conditions, a temporary repair was completed on Dec. 19<sup>th</sup>. Afterwards, the airline was covered with soil until a permanent repair can be made in spring 2013. SFW-1 blower was re-started on Dec. 19<sup>th</sup>.

**3. PROBLEMS RESOLVED**

- None

#### **4. DELIVERABLES SUBMITTED/RECEIVED**

- October 2 , 2012 – USEPA letter to Atlantic Richfield: EPA Approval of “Final Remedial Action Report/Final Engineering Report” September 2012; *Former Sinclair Refinery Site, Wellsville, New York*
- October 2, 2012 – Atlantic Richfield to USEPA and NYSDEC: September 2012 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- October 3, 2012 – Atlantic Richfield to USEPA and NYSDEC: Third Quarter 2012 Progress Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- November 1, 2012 – Atlantic Richfield to USEPA and NYSDEC: October 2012 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- December 7, 2012 – Atlantic Richfield to USEPA and NYSDEC: November 2012 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- December 10, 2012 – Atlantic Richfield to NYSDEC: submitted Draft Site Management Plan (SMP) , *Former Sinclair Refinery – OU2, Wellsville, New York*
- December 19, 2012 – USEPA to Atlantic Richfield: letter stating USEPA and NYSDEC approval of Operations and Maintenance (O&M) Plan for Operable Units 1 & 2 (November 2012); *Former Sinclair Refinery – OU2, Wellsville, New York*

#### **5. UPCOMING EVENTS/ACTIVITIES PLANNED**

- Continue Performance Based Groundwater Monitoring (PBGW) program.

#### **6. DATA**

- See Deliverable Submitted/Received list above.

#### **7. KEY STAFFING**

- On-Site Technical Services, Inc.
- URS Corporation
- Envirocon
- James Ball Land Surveyor
- Naturally Wallace LLC
- Lancaster Laboratories

## **8. SCHEDULE AND PERCENTAGE COMPLETE**

- Phase II-1– 100% complete
- Treatment and collection system startup - 100% complete.
- Improvements to Wetland Conveyance and Treatment Systems – 100%
- Swale excavation and restoration – 100%
- River Remediation (excavation) – 100%
- River Remediation (restoration) - 100%
- Permanent water control berm in Swale – 100%
- CELA re-use area disposal cell construction – 100%
- Sludge Drying Bed construction – 100%
- Final Site Grading / Restoration – 100%

## **9. COMMUNITY CONTACTS/CONCERNS**

- BP met with stakeholders during the week of Oct. 8<sup>th</sup> to present Environmental Protection Easement and Declaration of Restrictive Covenants
- Alfred University students in the Aquatic Engineering curriculum were given a site tour on Dec. 5<sup>th</sup>.
- BP sponsored a Community Dinner on Dec. 11<sup>th</sup> at SUNY's Wellsville campus for area families in need. Students and staff of the Culinary Arts Program prepared a holiday feast for guests invited by the Allegany County United Way and The Salvation Army. In addition to current students volunteering their time, there were several graduate students who returned to help continue the tradition.
- BP met with stakeholders on December 10<sup>th</sup> and 11<sup>th</sup> to discuss the Environmental Protection Easement and Declaration of Restrictive Covenants

## **LIST OF ACRONYMS**

<i>Acronym</i>	<i>Description</i>
USEPA	United States Environmental Protection Agency
NYSDEC	New York State Department of Environmental Conservation
OU	Operable Unit
VOC	Volatile Organic Compounds
O&M	Operations and Maintenance
BTEX	Benzene, Toluene, Ethylbenzene and Xylene