

# Atlantic Richfield Company

**Michael J. Teeling**  
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January 6, 2015


Mr. Michael J. Negrelli  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region 2  
290 Broadway Avenue  
New York, New York 10007-1866

Re: October – December 2014 Progress Report  
Former Sinclair Refinery OU2  
Wellsville, New York

Dear Mr. Negrelli:

Please find attached the subject progress report for October 1 through December 31, 2014. If you have any questions or comments, please call me at 585-732-2343.

Sincerely,



Michael J. Teeling, C.P.G.  
Operations Project Manager

Attachment

Cc: Maurice Moore, NYSDEC  
Craig Clark, Alfred State College  
Vilia Drazdys, BP  
Harry Weiss, Ballard Spahr  
Martin Schmidt, URS  
Jerry Palmer, On-Site

**FOURTH QUARTER 2014 PROGRESS REPORT – OU2  
FORMER SINCLAIR REFINERY  
WELLSVILLE, NEW YORK**

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**PREPARED BY:** Atlantic Richfield Company  
Mike Teeling

**REPORTING PERIOD:** October 1, 2014 through December 31, 2014

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

- October 2014: Continued operation and maintenance activities associated with the treatment system (this task is continuous). Collected monthly SPDES samples on Oct. 2<sup>nd</sup>, and collected quarterly manhole samples on Oct. 9<sup>th</sup>. Completed the quarterly site inspection on Oct. 7<sup>th</sup> per O&M Plan. Completed required mowing of conveyance corridor on Oct. 13<sup>th</sup> and 16<sup>th</sup>. Completed quarterly Troll download and manual water level measurements on Oct. 17<sup>th</sup>, and completed semiannual synoptic event on Oct. 24<sup>th</sup>. Surface Flow Wetlands (SFW) weirs were raised to winter elevations on Oct. 30<sup>th</sup>.
- November 2014: Collected monthly SPDES samples on Nov. 5<sup>th</sup>. Completed removal of undesirable vegetation from CELA fence line, and completed general site maintenance in preparation for winter months. Blowers at SFWs were started for winter operation on Nov. 17<sup>th</sup>, in response to freezing/icing conditions at ponds; blowers will operate continuously until spring thaw. Completed monthly Troll download and manual water level measurements on Nov. 24<sup>th</sup>.
- December 2014: Collected monthly SPDES samples on Dec. 2<sup>nd</sup>. Performed monthly synoptic water level measurements and Troll downloads on Dec. 15<sup>th</sup>. Replaced faulty blower at SFW #2.

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

- During pre-planning phase of conveyance line camera survey task, a potential problem was identified regarding the pipe cleanout terminations. The project team has prepared a plan to install replacement pipe terminations to resolve the issue and allow camera survey to proceed. The Agencies have approved this system improvement work, which is to be completed during the 2015 annual system shutdown for Sed Pond cleaning.

**3. PROBLEMS RESOLVED**

- None.

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

- October 3, 2014 – Atlantic Richfield to USEPA and NYSDEC: Third Quarter 2014 Progress Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- October 20, 2014 – Atlantic Richfield to USEPA and NYSDEC: September 2014 Monthly SPDES Monitoring Report, *Former Sinclair Refinery Site, Wellsville, New York*
- November 21, 2014 – Atlantic Richfield to USEPA and NYSDEC: October 2014 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- December 15, 2014 – Atlantic Richfield to USEPA and NYSDEC: November 2014 Monthly SPDES Monitoring Report, *Former Sinclair Refinery Site – OU2, Wellsville, New York*
- December 9, 2014 – Atlantic Richfield to USEPA and NYSDEC: 2013 Annual Report of Operations, Maintenance & Monitoring Activities (which includes URS Corp. Performance-Based Groundwater Monitoring Report: Hydrologic Summary (October 2012 – December 2013) as Appendix F), *Former Sinclair Refinery Site – OU2, Wellsville, New York*

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

- Continue wetland treatment system operation, maintenance and monitoring (OM&M). Note: the Performance Based Groundwater Monitoring (PBGW) program is now embedded in the Agency approved O&M plan/operations.
- Currently working with Percival Miller (NYSDEC – Albany) on the sites SPDES permit application. The site has been operating under an equivalency permit since system start-up in December 2008.
- Continue monthly SPDES sampling and analysis as well as quarterly groundwater collection system sampling and analysis.
- Anticipate cleaning Manhole C and VFW splitter structure with vacuum truck, weather permitting (1<sup>st</sup> Quarter 2015).
- Anticipate installing replacement conveyance line cleanout terminations, and subsequently conducting camera survey of conveyance lines following completion of upgrades (2<sup>nd</sup> Quarter 2015).

#### **6. DATA**

- See Deliverable Submitted/Received list above.

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

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

- Lancaster Laboratories

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

- Phase II-1– 100% complete
- Phase II-2 - 100% complete.

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

- Partnered with the SUNY Wellsville campus Culinary Arts Department for the fifth year to provide a Holiday Dinner for underprivileged community members.

## **LIST OF ACRONYMS**

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