

Atlantic Richfield Company

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

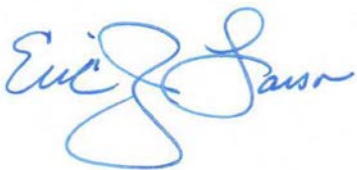
**October - December 2013 Progress Report
Former Sinclair Refinery OU2
Wellsville, NY**

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, 2013 through December 31, 2013.

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

Sincerely,



Eric J. Larson
Deputy Operations Manager

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

**FOURTH QUARTER 2013 PROGRESS REPORT – OU2
FORMER SINCLAIR REFINERY
WELLSVILLE, NEW YORK**

PREPARED BY: Atlantic Richfield Company
Eric J. Larson

REPORTING PERIOD: October 1, 2013 through December 31, 2013

1. PROGRESS MADE THIS REPORTING PERIOD:

- October 2013: Continued operation and maintenance activities associated with the treatment system (this task is continuous). Collected monthly SPDES samples on Oct. 2nd, and collected quarterly manhole samples on Oct. 3rd. Completed monthly synoptic water level measurements and Troll downloads Oct 21st. Conducted Quarterly CELA Inspection and overall site inspection on Oct. 21st. Continued installation and testing of telemetry system components, in cooperative effort with SUNY Electrical curriculum. Installed custom stabilizers on telemetry unit bases located within VFWs, which will prevent units from potentially tipping due to ice movement caused by normal flushing action. Adjusted water levels in surface flow wetlands to winter operational level on Oct. 28th.
- November 2013: Collected monthly SPDES samples on November 5th. Performed monthly synoptic water level measurements and Troll downloads Nov. 21st. Completed tie-in of telemetry system components (effluent manhole transducer into control cabinet), and continued optimizing system. Mowed CELA and WAG corridor trail area, in order to reduce likelihood of less desirable vegetation out competing desirable plants during next growing season. Completed construction of small equipment storage building near sludge drying beds.
- December 2013: Collected monthly SPDES samples on December 3rd. Performed monthly synoptic water level measurements and Troll downloads on Sept. 24th. Continued work on installation of telemetry system components into manhole control panels (with SUNY Electrical curriculum). Received new swinging bulkhead style doors for sludge drying beds (to replace stop logs); doors will be installed in 2014 prior to next annual system maintenance.

2. UNANTICIPATED PROBLEM AREAS AND RECOMMENDED SOLUTIONS:

- None

3. PROBLEMS RESOLVED

- None

4. DELIVERABLES SUBMITTED/RECEIVED

- October 2, 2013 – Atlantic Richfield to USEPA and NYSDEC: Third Quarter 2013 Progress Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- October 10, 2013 – Atlantic Richfield to USEPA and NYSDEC: September 2013 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- November 8, 2013 – Atlantic Richfield to USEPA and NYSDEC: October 2013 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- December 13, 2013 – Atlantic Richfield to USEPA and NYSDEC: November 2013 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- December 19, 2013 – Atlantic Richfield to USEPA and NYSDEC: 2012 Annual Report of Operations, Maintenance and Monitoring Activities for Operable Unit 1 – Partial River Channelization Project, Operable Unit 1 - Central Elevated Landfill Area, and Operable Unit 2 – Phase II Groundwater Remediation

5. UPCOMING EVENTS/ACTIVITIES PLANNED

- Continue wetland treatment system operation and routine O&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 site's SPDES permit application. The site has been operating under an equivalency permit since system start-up in December 2008.

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

- Conducted the following site tours to SUNY Alfred State College: Environmental Sciences class on October 14th and 15th; and on November 1st for a Civil Engineering Technology class.
- Hosted a tour on November 4th for a group of Hubert H. Humphrey Fellows, who are studying at Cornell University.
- Partnered with the SUNY Wellsville campus Culinary Arts Department for the fourth year to provide a Holiday Dinner for less fortunate community members on December 10th.

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

Acronym

Description