

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

April - June 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 April 1, 2013 through June 30, 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

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

PREPARED BY: Atlantic Richfield Company
Eric J. Larson

REPORTING PERIOD: April 1, 2013 through June 30, 2013

1. PROGRESS MADE THIS REPORTING PERIOD:

- April 2013: Continued operation and maintenance activities associated with the treatment system (this task is continuous). Collected monthly SPDES samples on April 1st, collected quarterly manhole samples on April 4th. Blowers providing aeration to SFWs were shut down for summer months on April 1st. Achieved necessary weather conditions to permit collection of annual OU-1 storm water runoff sample on April 11th. Conducted sed pond inlet pipe cleaning on April 23rd. Performed site-wide synoptic water level measurements on April 25th. Began gradually lowering SFW water elevations to summer level on April 29th.
- May 2013: Constructed 24'x41' concrete floor for prefabricated steel storage building (May 1st – 3rd), adjacent to the north end of the sludge drying bed. Completed lowering SFW water elevations to summer level May 3rd. Collected monthly SPDES samples on May 6th. Performed post high water river inspection on May 16th. Performed monthly synoptic water level measurements on May 30th.
- June 2013: Collected monthly SPDES samples (List "B") on June 3rd. Conducted annual CELA water level measurements on June 12th, followed by groundwater sampling (OU-1 every 2 year event and OU-2 annual) on June 13-14th, and June 17-18th. Christian Lynn (URS) conducted plant health inspection (CELA and collection trench corridor) on June 13th. Conducted quarterly site inspection and quarterly gas vent monitoring on June 20th. Performed annual groundwater conveyance line cleanout inspections on June 21st. Performed monthly synoptic water level measurements on June 25th. Performed annual flow cell calibration in manholes on June 26th.

2. UNANTICIPATED PROBLEM AREAS AND RECOMMENDED SOLUTIONS:

- None

3. PROBLEMS RESOLVED

- None

4. DELIVERABLES SUBMITTED/RECEIVED

- April 1, 2013 – Atlantic Richfield to USEPA and NYSDEC: Performance Based Groundwater Monitoring (PBGW) Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- April 2, 2013 - Letter of Credit value of \$4.6MM agreed to by USEPA
- April 4, 2013 – Atlantic Richfield to USEPA and NYSDEC: First Quarter 2013 Progress Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- April 4, 2013 – Atlantic Richfield to USEPA and NYSDEC: March 2013 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- May 13, 2013 – Atlantic Richfield to NYSDEC: Environmental Excellence Award application submitted for the Former Sinclair Refinery – OU2, Wellsville, New York
- May 14, 2013 – Atlantic Richfield to USEPA and NYSDEC: April 2013 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- May 14, 2013 – Atlantic Richfield to NYSDEC and USEPA: 2013 Update on Wetland Groundwater Treatment System, *Former Sinclair Refinery – OU2, Wellsville, New York*
- June 3, 2013 – Atlantic Richfield to USEPA and NYSDEC: May 2013 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*

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.
- Annual preventative maintenance on system to include removal of iron sediment from the sedimentation pond. This work is anticipated to be conducted in 3Q and will involve shutting down the wetland treatment system for no more than fourteen days. This work has been rescheduled to better align with procurement and installation of new doors for sludge drying beds to replace stop logs (pending).
- Install aluminum walkway into sedimentation pond during scheduled system shutdown.
- Construct small equipment storage building near sludge drying beds in 3Q.
- Procure and install stabilizers on telemetry unit bases located within VFWs. Stabilizers will prevent units from potentially tipping due to ice movement caused by normal flushing action.

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

- Continued dialog with various stakeholders regarding 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