

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

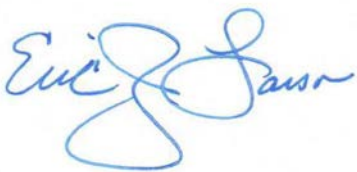
**January - March 2014 Progress Report
Former Sinclair Refinery OU2
Wellsville, NY**

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 January 1, 2014 through March 31, 2014.

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
William Barber, Atlantic Richfield

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

PREPARED BY: Atlantic Richfield Company
Eric J. Larson

REPORTING PERIOD: January 1, 2014 through March 31, 2014

1. PROGRESS MADE THIS REPORTING PERIOD:

- January 2014: Continued operation and maintenance activities associated with the treatment system (this task is continuous). Collected monthly SPDES samples on Jan 9th, and collected quarterly manhole samples on Jan. 13th. Completed monthly synoptic water level measurements and Troll downloads Jan. 15th. Continued working with SUNY Electrical curriculum on telemetry system; the website is now online and undergoing calibration. The treatment wetlands were closely monitored during the extreme cold periods during the entire first quarter of 2014. Although there was substantial ice cover on the wetlands, the system continued to operate as designed through these extended sub-zero periods.
- February 2014: Collected monthly SPDES samples on Feb. 3rd. Performed monthly synoptic water level measurements and Troll downloads Feb. 24th.
- March 2014: Collected monthly SPDES samples on March 6th. Completed the Quarterly CELA Inspection on Mar. 7th per O&M Plan. Performed monthly synoptic water level measurements and Troll downloads on Mar. 27th. Surface Wetland blowers were shut down for the year on Mar. 27th.

2. UNANTICIPATED PROBLEM AREAS AND RECOMMENDED SOLUTIONS:

- Pump in Manhole C had been found to be inoperative on 12/30/13. Pump was changed as soon as safe weather conditions and time permitted.

3. PROBLEMS RESOLVED

- Faulty Manhole C pump was removed and replaced with new pump and brought back online on Jan. 10th.

4. DELIVERABLES SUBMITTED/RECEIVED

- January 2, 2014 – Atlantic Richfield to USEPA and NYSDEC: Fourth Quarter 2013 Progress Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- January 9, 2014 – Atlantic Richfield to USEPA and NYSDEC: December 2013 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- February 12, 2014 – Atlantic Richfield to USEPA and NYSDEC: January 2014 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- February 19, 2014 – Atlantic Richfield to USEPA and NYSDEC: Notification of Project Manager transition from Eric Larson to William Barber, *Former Sinclair Refinery – OU2, Wellsville, New York*
- March 6, 2014 – Atlantic Richfield to USEPA and NYSDEC: February 2014 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 sites SPDES permit application. The site has been operating under an equivalency permit since system start-up in December 2008.
- Installation of new Sludge Drying Bed doors is anticipated for 2Q14. These swing doors are an improved design over the stop logs they are replacing.
- Anticipate conducting camera survey of conveyance lines (within 100 feet of cleanouts) during 2Q14.
- Anticipate conducting instrument survey of dikes around and between Surface Flow and Vertical Flow Wetlands during 2Q14.
- Calibration of the solar telemetry system in 2Q14.

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

- Distributed 2014 Wildlife Habitat Council “Corporate Homes for Wildlife” calendars to Wellsville Town and Village offices, Wellsville Chamber of Commerce, and SUNY Wellsville campus. The calendar features the Wellsville site and describes the remediation work, including the solar telemetry system within the treatment wetland system.
- Conducted transition meetings with Village and Town stakeholders as part of the transition of new Project Manager, William Barber, into the site the week of February 24th.

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