

Atlantic Richfield Company

Michael J. Teeling
Operations Project **Manager**

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April 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: January – March 2015 Progress Report
Former Sinclair Refinery OU2
Wellsville, New York

Dear Mr. Negrelli:

Please find attached the subject progress report for January 1 through March 31, 2014. If you have any questions or comments, please call me at 585-813-8140.

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

**FIRST QUARTER 2015 PROGRESS REPORT – OU2
FORMER SINCLAIR REFINERY
WELLSVILLE, NEW YORK**

PREPARED BY: Atlantic Richfield Company
Mike Teeling

REPORTING PERIOD: January 1, 2015 through March 31, 2015

1. PROGRESS MADE THIS REPORTING PERIOD:

- January 2015: Continued operation and maintenance activities associated with the treatment system (this task is continuous). Collected monthly SPDES samples on Jan. 6th, and collected quarterly manhole samples on Jan 29th. Completed monthly Troll download and manual water level measurements on Jan. 21st.
- February 2015: Collected monthly SPDES samples on Feb. 4th. Completed monthly Troll download and manual water level measurements on Feb. 25th.
- March 2015: Collected monthly SPDES samples on Mar. 12th. Aeration blower at SFW-3 experienced mechanical failure on Mar. 17th; will be replaced prior to next winter. Completed quarterly site inspection on Mar. 18th. Performed monthly synoptic water level measurements and Troll downloads on Mar. 23rd. Conducted CELA gas vent monitoring and plant health inspection (GW collection trench corridor and CELA) on Mar. 24th. Shut down SFW-1 and SFW-2 aeration blowers for season on Mar. 30th.

2. UNANTICIPATED PROBLEM AREAS AND RECOMMENDED SOLUTIONS:

- Extended freezing conditions during February led to ice blockage forming within the Vertical Flow Wetland (VFW) inlet pipes, which stopped flow into the ponds. Steps were taken to thaw the pipes and restore flow permitting the treatment system to remain operative.

3. PROBLEMS RESOLVED

- VFW flow resolved from freeze conditions (above).

4. DELIVERABLES SUBMITTED/RECEIVED

- January 6, 2015 – Atlantic Richfield to USEPA and NYSDEC: Fourth Quarter 2014 Progress Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- January 22, 2015 – Atlantic Richfield to USEPA and NYSDEC: December 2014 Monthly SPDES Monitoring Report, *Former Sinclair Refinery Site, Wellsville, New York*

- February 18, 2015 – Atlantic Richfield to USEPA and NYSDEC: January 2015 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- March 24, 2014 – Atlantic Richfield to USEPA and NYSDEC: February 2015 Monthly SPDES Monitoring Report, *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 (2015).
- Anticipate installing replacement conveyance line cleanout terminations, and subsequently conducting camera survey of conveyance lines following completion of upgrades (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

- None

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
OM&M	Operations Maintenance & Monitoring
BTEX	Benzene, Toluene, Ethylbenzene and Xylene