

**FOURTH QUARTER 2016 PROGRESS REPORT – OU2
FORMER SINCLAIR REFINERY
WELLSVILLE, NEW YORK**

PREPARED BY: Atlantic Richfield Company
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REPORTING PERIOD: October 1, 2016 through December 31, 2016

1. PROGRESS MADE THIS REPORTING PERIOD:

- October 2016: Continued operation and maintenance activities associated with the treatment system. Collected monthly SPDES samples and quarterly manhole samples on Oct. 5th. Completed site wide synoptic groundwater level monitoring event on Oct. 6th. Completed monthly Troll download and manual water level measurements on Oct. 14th. Completed quarterly gas vent monitoring, monthly and quarterly GW Recovery/Wetland Treatment O&M inspection(s) and monthly safety inspection on Oct. 19th.
- November 2016: Collected monthly SPDES samples on Nov. 3rd. Completed required measurement of approximate topsoil thickness in SFW bench areas on Nov. 4th. Completed required elevation survey of top of SFW and VFW dikes on Nov. 10th. Completed monthly and quarterly GW Recovery/Wetland Treatment O&M inspection(s) and monthly safety inspection on Nov. 21st. Completed monthly Troll download and manual water level measurements on Nov. 22nd.
- December 2016: Collected annual SPDES samples on Dec. 5th. Completed monthly safety inspection and completed GW Recovery/Wetland Treatment O&M inspection on Dec. 12th. Completed monthly Troll download and manual water level measurements on Dec. 21st and 22nd.

2. UNANTICIPATED PROBLEM AREAS AND RECOMMENDED SOLUTIONS:

- None

3. PROBLEMS RESOLVED:

- None

4. DELIVERABLES SUBMITTED/RECEIVED:

- October 7, 2016 Atlantic Richfield to USEPA and NYSDEC: Third Quarter 2016 Progress Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- Oct. 26, 2016 – Atlantic Richfield to USEPA and NYSDEC: September 2016 Monthly SPDES Monitoring Report, *Former Sinclair Refinery Site, Wellsville, New York*
- November 27, 2016 – Atlantic Richfield to USEPA and NYSDEC: October 2016 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- December 21, 2016 – Atlantic Richfield to USEPA and NYSDEC: November 2016 Monthly SPDES Monitoring Report, *Former Sinclair Refinery Site – OU2, Wellsville, New York*
- December 23, 2016 – Atlantic Richfield to USEPA and NYSDEC: 2015 Annual Report of Operations, Maintenance and Monitoring Activities, *Former Sinclair Refinery Site, Operable Unit 1 and Operable Unit 2, Wellsville, New York*

5. UPCOMING EVENTS/ACTIVITIES PLANNED

- Continue wetland treatment system operation, maintenance and monitoring (OM&M) per Agency approved Operations and Maintenance Plan for Operable Units 1 and 2.
- Continue monthly SPDES sampling and analysis as well as quarterly groundwater collection system sampling and analysis. Continue OM&M activities to maintain compliance with approved OM&M Plan.

6. DATA

- See Deliverable Submitted/Received list above.

7. KEY STAFFING

- Parsons Environment & Infrastructure Group Inc.
- On-Site Technical Services, Inc.
- 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

- Conducted tour of wetland treatment area/project overview for group of Humphrey Fellows (hosted by Alfred State College and Cornell University) on Nov. 18, 2016. The Humphrey Program brings young and mid-career professionals from designated countries to the United States for a year of non-degree graduate-level study, leadership development, and professional collaboration with U.S. counterparts. This marks the second time a group of Humphrey Fellows has toured this site.

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
PBGM	Performance Based Groundwater Monitoring
GW	Groundwater