

**FOURTH QUARTER 2017 PROGRESS REPORT – OU2
FORMER SINCLAIR REFINERY
WELLSVILLE, NEW YORK**

PREPARED BY: Atlantic Richfield Company
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REPORTING PERIOD: October 1, 2017 through December 31, 2017

1. PROGRESS MADE THIS REPORTING PERIOD:

- October 2017: Continued operation and maintenance activities associated with the treatment system. Collected monthly SPDES samples and quarterly manhole samples on Oct. 2nd. Completed monthly GW Recovery/Wetland Treatment O&M inspection, and monthly safety inspection on Oct. 3rd. Completed semi-annual synoptic water level measurement event and Troll download on Oct. 3rd. Completed monthly Troll download and water level measurements on Oct. 20th. Completed quarterly GW Recovery/Wetland Treatment O&M Inspection and quarterly gas vent monitoring on Oct. 25th.
- November 2017: Collected monthly SPDES samples on Nov. 2nd. Completed monthly safety inspection, monthly GW Recovery/Wetland Treatment O&M inspection and monthly Troll download / manual water level measurements on Nov. 13th. Completed quarterly GW Recovery / Wetland Treatment O&M Inspection, and annual low flow Genesee River inspection.
- December 2017: Collected monthly SPDES samples on Dec. 4th. Completed monthly safety inspection and monthly GW Recovery/Wetland Treatment O&M inspection on Dec. 4th. Collected sediment samples from Sludge Drying Beds for waste characterization purposes on Dec. 6th. Completed monthly Troll download and manual water level measurements on Dec. 18th. James Ball Land Surveyor crew completed required (per OM&M Plan) survey of top and toe of slope along west river dike adjacent to the site on Dec. 17th.

2. UNANTICIPATED PROBLEM AREAS AND RECOMMENDED SOLUTIONS:

- None

3. PROBLEMS RESOLVED:

- None

4. DELIVERABLES SUBMITTED/RECEIVED:

- October 5, 2017 Atlantic Richfield to USEPA and NYSDEC: Third Quarter 2017 Progress Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- October 24, 2017 – Atlantic Richfield to USEPA and NYSDEC: September 2017 Monthly SPDES Monitoring Report, *Former Sinclair Refinery Site – OU2, Wellsville, New York*
- November 27, 2017 – Atlantic Richfield to USEPA and NYSDEC: October 2017 Monthly SPDES Monitoring Report, *Former Sinclair Refinery – OU2, Wellsville, New York*
- December 21, 2017 – Atlantic Richfield to USEPA and NYSDEC: November 2017 Monthly SPDES Monitoring Report, *Former Sinclair Refinery Site – OU2, Wellsville, New York*
- December 27, 2017 – Atlantic Richfield to USEPA and NYSDEC: 2016 Annual Report of Operations Maintenance and Monitoring for Operable Units 1 & 2, *Former Sinclair Refinery Site 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 semi-annual 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
- Pace Analytical

8. SCHEDULE AND PERCENTAGE COMPLETE

- Phase II-1– 100% complete
- Phase II-2 - 100% complete.

9. COMMUNITY CONTACTS/CONCERNS

- On Nov. 9th, BP hosted SUNY Alfred State College instructors and students on site for a site tour and observation of sampling. Project personnel collected sediment and water

samples from the Surface and Vertical Flow Wetlands and the BioFilter mulch bed. The samples were relinquished to the SUNY instructors for studies in their lab.

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