

**Former Lockheed Martin
French Road Facility
Utica, New York
Solvent Dock Area
NYSDEC Site #6-20080321-5**

**Fourth Quarter 2019
Corrective Action Progress Report**



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ACRONYMS

DMR	Discharge Monitoring Report
FNPD	Former Northern Perimeter Ditch
GCTS	Groundwater Collection and Treatment System
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OM&M	Operation, Monitoring and Maintenance
SPDES	State Pollutant Discharge Elimination System
SSDS	Sub-Slab Depressurization System

Purpose

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech Inc. (Tetra Tech) has prepared this **Fourth Quarter 2019 Corrective Action Progress Report** for the Solvent Dock Area at the former Lockheed Martin French Road facility in Utica, New York (the Site). This report is required by the October 3, 2008 New York State Department of Environmental Conservation (NYSDEC) Order on Consent (the Order; CO 6-20080321-5), and in Attachment 3-1 (Corrective Action Requirements), Section B.8, of the Order. The following sections summarize activities and information for the Fourth Quarter (October, November, and December) of 2019.

1. Summary of Work Completed During the Reporting Period

The following activities were completed during the reporting period:

- Obtained monthly samples of effluent water from the groundwater collection and treatment system (GCTS) for compliance with the existing State Pollutant Discharge Elimination System (SPDES) permit (NY-012-1894). Results were documented in monthly Discharge Monitoring Reports (NetDMRs) submitted to NYSDEC.
- Performed ongoing operation, monitoring and maintenance (OM&M) of the interim corrective measure for sub-slab soil gas (i.e., the sub-slab depressurization system, or SSDS). A 24-hour differential pressure test was performed during the October 2019 SSDS quarterly OM&M inspection. The differential vacuums over the 24-hour period met or exceeded the requisite vacuum of 0.004 inches of water column (in. W.C.) except for vapor monitoring point VMP-8C. During the November 2019 OM&M inspection, the instantaneous vacuum reading at VMP-8C was 0.005 in. W.C.
- Performed ongoing OM&M of the GCTS.
- Conducted routine monthly project update conference calls with the NYSDEC (Michael Squire) and the NYSDOH (Steve Karpinski) on October 23, 2019, and November 27, 2019. Please note there was no project update conference call in December 2019.
- The Former Northern Perimeter Ditch (FNPD) excavation activities were conducted from October 1, 2019 to October 31, 2019 in accordance with the NYSDEC-approved Remedial Action Work Plan. The excavation areas were backfilled and site restoration activities were completed from November 1, 2019 to November 27, 2019. The replacement monitoring wells and piezometers, MW-17, MW-18, A2-PZ-1, A2-PZ-2, and A2-PZ-3 were installed from November 18, 2019 to November 20, 2019.
- Conducted routine monitoring well repairs in accordance with results of well inventory completed in September 2019. Additional monitoring well repairs will be completed in January 2020.
- The annual cover system inspection was performed on November 18, 2019.

2. Summary of Findings Made During the Reporting Period

- There were no findings made during the reporting period.

3. Summary of Changes Made During the Reporting Period

- There were no changes made during the reporting period.

4. Summary of Contacts Made with Representatives of the Local Community and Public Interest Groups During the Reporting Period

- No interaction occurred with local community or public interest groups during the reporting period.

5. Summary of Problems Encountered During the Reporting Period

- Due to a waste characterization issue raised by the NYSDEC, an extension of the 90-day storage requirement and a resolution of the disposal issue is needed for the proper off-site transportation and disposal of the remaining soil stockpiles.

6. Changes in Personnel Conducting or Managing the Corrective Measures During the Reporting Period

- No personnel changes occurred during this reporting period.

7. Summary of Work Planned for the Next Reporting Period

The following activities are scheduled or anticipated for completion during the next reporting period:

- Continue operation and maintenance of the GCTS, including monthly effluent sampling for compliance with the existing SPDES permit, and quarterly sampling and monitoring; data to be provided as part of the monthly NetDMRs and quarterly system OM&M summaries.
- Continue operation and maintenance of the SSDS, including quarterly SSDS sampling and monitoring; data to be provided as part of the quarterly system OM&M summaries.
- Continue monthly project status calls with NYSDEC and NYSDOH.
- Replace 2,000 pounds of vapor phase carbon with regenerated carbon for the GCTS.
- Complete monitoring well repairs.
- Install replacement piezometer A2-PZ-4.
- Transport and dispose off-site two remaining soil stockpiles from the FNPD excavation activities.
- Prepare and submit the following reports:
 - 2019 Annual Site Management Report;
 - Construction Completion Report; and
 - Site Management Plan.

End of Report