

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

**Third 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 **Third 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 Third Quarter (July, August, and September) 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 July 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 August 2019 OM&M inspection, the instantaneous vacuum reading at VMP-8C was 0.005 in. W.C.
- Performed ongoing OM&M of the GCTS. The GCTS was shut down on August 8, 2019 due to loss of power. The power issue affected only the GCTS treatment building and not the SSDS building. The power issue was caused by leaky splice joints from the property owner's March 2019 repair in the underground feeder in the back of the main building. The splice joints on the underground feeder were repaired by the property owner and the power to the GCTS treatment building was fully restored on August 16, 2019. The GCTS was re-started on August 16, 2019.
- Conducted routine monthly project update conference calls with the NYSDEC (Michael Squire) and the NYSDOH (Steve Karpinski) on July 24, 2019, August 28, 2019, and September 26, 2019.
- Submitted the final 2017 Annual Site Management Report to the NYSDEC/NYSDOH on August 15, 2019.
- The annual groundwater sampling event was conducted from September 9, 2019 to September 11, 2019.
- Submitted the draft Remedial Action Work Plan (RAWP) and Design Drawings for the Former Northern Perimeter Ditch (FNPD) excavation to the NYSDEC on August 28, 2019.

- On September 12, 2019, the NYSDEC/NYSDOH approved the RAWP and Design Drawings with a minor modification. The final RAWP and Design Drawings were submitted on September 19, 2019.
- Mobilization and Site preparations for the FNPD excavation began on September 23, 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

- The loss of power to the GCTS treatment building resulted in the GCTS being down from August 8, 2019 to August 16, 2019.

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.
- Complete excavation activities.
- Submission of the annual groundwater monitoring summary materials.
- Perform annual cover system inspection.

End of Report