

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

**Second Quarter 2019
Corrective Action Progress Report**



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July 2019

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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 **Second 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 Second Quarter (April, May, and June) 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 April 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.).
- During the April 2019 quarterly OM&M visit, a leak test of the SSDS piping was performed. There were no leaks or issues identified during the test.
- Performed ongoing OM&M of the GCTS.
- Provided a letter to the NYSDEC/New York State Department of Health (NYSDOH) on May 17, 2019 summarizing the power outage that occurred from March 8 to March 26, 2019, the electrical repair, and data from the GCTS process sampling conducted during the April 2019 OM&M visit with comparison to GCTS data from previous months. Based on the results of the April 2019 quarterly OM&M sampling, no corrective measures are currently recommended for the GCTS.
- Conducted routine monthly project update conference calls with the NYSDEC (Michael Squire) and the NYSDOH (Steve Karpinski) on April 24, 2019 and June 26, 2019. Please note there was no project update conference call in May 2019.
- Lockheed Martin has selected and authorized Tetra Tech as the new contractor and engineer-of-record for the remaining soil excavation in the Former Northern Perimeter Ditch (FNPD) area.
- In an email on June 27, 2019, the NYSDEC and NYSDOH stated they do not have any comments to the following:
 - the Tetra Tech response to NYSDEC/NYSDOH comments for the 2017 Annual Site Management Report;

- o the 2018 Site Management Report; and
- o the May 17, 2019 GCTS power outage summary letter.

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

- No significant problems were encountered during the reporting period.

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

- Tetra Tech has replaced Brown and Caldwell, Inc., as the contractor and engineer-of-record for the remaining soil excavation in the Former Northern Perimeter Ditch (FNPd) area.

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.
- Preparation and submission of revised design documents for the FNPd area excavation activities which will not significantly differ from the original design documents.
- Initiation of the FNPd excavation activities following NYSDEC/NYSDOH approval of the revised design documents. Excavation activities will be completed in the fourth quarter.
- Performance of the annual groundwater sampling event.

End of Report