

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

**Second Quarter 2020
Corrective Action Progress Report**



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July 2020

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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 2020 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 2020.

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). Due to the COVID-19 related ConMed facility entry concerns, 24-hour differential pressure tests were not performed during the April 2020 SSDS quarterly OM&M inspection event. During the April 2020 OM&M inspection, the inlet to the blower vacuum reading was 78 inches of Water Column (in. W.C.) which is consistent with the vacuum reading during normal operation of the SSDS indicating that adequate vacuum was being applied beneath the concrete slab.
- 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 April 22, 2020, and May 27, 2020. Due to scheduling conflicts, the June meeting was pushed to early July.
- The 2019 Site Management Report was approved by the NYSDEC on April 8, 2020. The approval agreed to the recommendation in the report for the removal of piezometer A1-PZ-2 from the groundwater sampling monitoring program.
- Two system optimization letters were sent to the NYSDEC on June 15, 2020 requesting the removal of the vapor phase granular activated carbon (VPGAC) treatment for the GCTS and SSDS and a reduction of the frequency in the OM&M tasks for both systems.
- A manual transfer switch was installed on June 16, 2020 to allow for the connection of a temporary portable generator to operate the SSDS in the event of a long-term power outage.

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

- 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.
- The annual groundwater sampling event is scheduled for the week of July 6, 2020.
- Design of proposed enhancement of the SSDS with installation of an additional sub-slab depressurization sump in the area of VMP-8C.
- Begin work on GCTS optimization investigation, pending NYSDEC approval of proposed scope.
- Prepare and submit the following reports:
 - Construction Completion Report for the Former Northern Perimeter Ditch excavation;
 - West Lot Request for Closure Report; and
 - Site Management Plan Update.

End of Report