

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

**Third Quarter 2020
Corrective Action Progress Report**



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ACRONYMS

CCR	Construction Completion Report
DAR	Division of Air Resources
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
VPGAC	vapor phase granular activated carbon

Purpose

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech Inc. (Tetra Tech) has prepared this **Third 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 Third Quarter (July, August, and September) 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). A 24-hour differential pressure test was performed during the July 2020 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.).
- Performed ongoing OM&M of the GCTS.
- Conducted routine monthly project update conference calls with the NYSDEC (Michael Squire) and the New York State Department of Health (NYSDOH, Steve Karpinski) on July 1 and 29, 2020, and August 26, 2020.
- The annual groundwater sampling event was conducted from July 8, 2020 to July 9, 2020.
- The reduction of the frequency in OM&M tasks for both systems, as part of optimization efforts, was approved by the NYSDEC in a letter dated August 3, 2020.
- The Division of Air Resources (DAR) at the NYSDEC Region 6 requested additional information for the removal of the vapor phase granular activated carbon (VPGAC) treatment for the GCTS and SSDS in correspondence dated July 3, 2020, July 20, 2020 and September 9, 2020.
- Provided letters to the DAR on July 15, 2020 and August 26, 2020 in response to the request for additional information for the removal of the VPGAC treatment for the GCTS and SSDS.
- The Construction Completion Reports (CCRs) for the PCB-Impacted Soil and the Former Northern Perimeter Ditch (FNPD) were approved by the NYSDEC in a letter dated September 18, 2020. The approval for the FNPD CCR included a requirement for the annual groundwater sampling results to be included in the Final Engineering Report (FER).

- The SSDS Expansion Design Work Plan was approved by the NYSDEC in a letter dated September 22, 2020.

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.
- Installation of an additional sub-slab depressurization sump in the area of VMP-8C as part of the SSDS expansion.
- Prepare and submit additional information to the DAR for removal of the VPGAC treatment from the GCTS and SSDS.
- Prepare and submit a request-for-approval letter to conduct a GCTS optimization investigation.
- Prepare and submit the following reports:
 - West Lot Request for Closure Report; and
 - Site Management Plan Update.

End of Report