

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

**First Quarter 2020
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 **First 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 First Quarter (January, February, and March) 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 January 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.) except for vapor monitoring points VMP-1A and VMP-8C. During the February 2020 OM&M inspection, the instantaneous vacuum reading at VMP-1A was 0.008 in. W.C. and 0.004 in. W.C. at VMP-8C.
- Performed ongoing OM&M of the GCTS.
- Replaced 2,000 pounds of vapor phase carbon with regenerated carbon for the GCTS on January 9, 2020.
- Conducted routine monthly project update conference calls with the NYSDEC (Michael Squire) and the NYSDOH (Steve Karpinski) on January 22, 2020, and February 26, 2020.
- Completed routine monitoring well repairs in February 2020.
- The replacement piezometer, A2-PZ-4, was installed on January 31, 2020.
- The last two remaining soil stockpiles from the Former Northern Perimeter Ditch (FNPD) excavation activities were transported and properly disposed of off-site from March 30, 2020 to April 1, 2020.
- Submitted 2019 Site Management Report on March 16, 2020. An amendment to a GCTS performance table was submitted on March 27, 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. Monitoring to be modified as discussed with NYSDEC and NYSDOH on April 1, 2020 to not include entry into the ConMed facility during the COVID-19 related facility entry concerns, therefore vacuum readings at vapor monitoring points and vapor samples at the sub-slab depressurization sumps will not be collected. A total influent vapor sample prior to the vapor phase carbon treatment will be collected and analyzed to determine influent concentration and mass removal.
- Continue monthly project status calls with NYSDEC and NYSDOH.
- A delay of the annual groundwater sampling event until COVID-19 facility entry concerns are lessened or alleviated, tentatively set for July 2020.
- Design of proposed enhancement of the SSDS with installation of an additional sub-slab depressurization sump in the area of VMP-8C.
- Prepare and submit the following reports:
 - Construction Completion Report; and
 - Site Management Plan Update.

End of Report