

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

**First Quarter 2021  
Corrective Action Progress Report**



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### ACRONYMS

DMR	Discharge Monitoring Report
FNPD	Former Northern Perimeter Ditch
GCTS	Groundwater Collection and Treatment System
in. W.C.	Inches of Water Column
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 2021 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 2021.

## 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 2021 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.).
- Completed routine monitoring well repairs in January 2021 in accordance with results of the July 2020 well inventory.
- Performed ongoing OM&M of the GCTS. The monthly OM&M inspection for February was completed on February 4, 2021. However, the GCTS was shut down on February 11, 2021 due to a power outage. The power outage affected only the GCTS treatment building and not the SSDS building. The power outage was caused by a short in the underground feeder in the back of the main building. The power was restored through the installation of a new aboveground feeder and the power to the GCTS treatment building was restored on March 18, 2021. The GCTS was re-started on March 18, 2021.
- Conducted routine monthly project update conference calls with the NYSDEC (Michael Squire) and the New York State Department of Health (NYSDOH, Steve Karpinski) on January 27, 2021, February 25, 2021, and March 22, 2021. Stephen Lawrence, the new NYSDOH manager will be taking over the project after Steve Karpinski's retirement. Stephen Lawrence was introduced at the March 22, 2021 conference call.
- A GCTS Optimization Investigation Work Plan was submitted to the NYSDEC/NYSDOH on February 24, 2021 regarding the temporary shutdown of the GCTS for the purpose of conducting an optimization investigation. The NYSDEC/NYSDOH approved the GCTS Optimization Investigation Work Plan in a March 8, 2021 letter.
- The 2020 Site Management Report was submitted to the NYSDEC/NYSDOH on March 22, 2021.

## 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 February 11, 2021 to March 18, 2021.

## 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.
- Provide letter to the NYSDEC/NYSDOH summarizing the power outage, electrical repair and data from the GCTS process sampling to be conducted during the April 2021 OM&M visit with comparison to GCTS data from previous months.
- Initiation of the GCTS optimization investigation activities. The investigation activities will be completed in the second quarter and include performance of the baseline groundwater sampling event.
- Prepare and submit the Site Management Plan Update.

End of Report