

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

**Fourth Quarter 2020
Corrective Action Progress Report**



Prepared for:
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Table of Contents

PURPOSE	2
1. SUMMARY OF WORK COMPLETED DURING THE REPORTING PERIOD	2
2. SUMMARY OF FINDINGS MADE DURING THE REPORTING PERIOD	3
3. SUMMARY OF CHANGES MADE DURING THE REPORTING PERIOD	3
4. SUMMARY OF CONTACTS MADE WITH REPRESENTATIVES OF THE LOCAL COMMUNITY AND PUBLIC INTEREST GROUPS DURING THE REPORTING PERIOD	3
5. SUMMARY OF PROBLEMS ENCOUNTERED DURING THE REPORTING PERIOD	3
6. CHANGES IN PERSONNEL CONDUCTING OR MANAGING THE CORRECTIVE MEASURES DURING THE REPORTING PERIOD	3
7. SUMMARY OF WORK PLANNED FOR THE NEXT REPORTING PERIOD.....	3

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
SDS	Sub-Slab Depressurization Sump
VPGAC	vapor phase granular activated carbon

Purpose

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech Inc. (Tetra Tech) has prepared this **Fourth 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 Fourth Quarter (October, November, and December) 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 October 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 VMP-8C. During a brief time (approximately 1.5 hours), VMP-8C achieved vacuum but did not achieve the minimum vacuum of 0.004 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 October 28, 2020, November 25, 2020 and December 23, 2020.
- The 2020 annual groundwater summary report and data usability summary report (DUSR) was submitted to the NYSDEC and the New York State Department of Health (NYSDOH) on November 20, 2020. The electronic data deliverable for the annual groundwater sampling was submitted to the NYSDEC on December 16, 2020 and it was uploaded into the NYSDEC system on December 24, 2020. The NYSDEC and NYSDOH provided approval of the 2020 annual groundwater summary report via a letter dated December 28, 2020.
- A GCTS Optimization Investigation letter was submitted to the NYSDEC on October 9, 2020 regarding the temporary shutdown of the GCTS for the purpose of conducting an optimization investigation. The NYSDEC responded, via an email on October 19, 2020, that they had no comments or questions concerning the letter.
- The Division of Air Resources (DAR) at the NYSDEC Region 6 approved the removal of the vapor phase granular activated carbon (VPGAC) treatment for the GCTS and SSDS in

correspondence dated October 28, 2020. The VPGAC treatment units for the GCTS and SSDS were bypassed during the OM&M visit on December 2, 2020.

- As per the NYSDEC approved SSDS Expansion Design Work Plan, the SSDS expansion consisting of a new sub-slab depressurization sump (SDS-9) and associated piping, was completed from December 7, 2020 to December 15, 2020. The SSDS is operating with the new SDS on-line and it has significantly improved the vacuum at VMP-8C.

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.
- Prepare and submit the following reports:
 - GCTS Optimization Investigation Work Plan;
 - 2020 Site Management Report; and
 - Site Management Plan Update.

End of Report