

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

**Second Quarter 2018  
Corrective Action Progress Report**



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**July 2018**

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## ACRONYMS

DMR	Discharge Monitoring Report
FNPD	Former Northern Perimeter Ditch
GCTS	groundwater collection and treatment system
ICM	Interim Corrective Measure
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 2018 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 2018.

### 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 (ICM) for groundwater (i.e., GCTS).
- Performed ongoing OM&M of the ICM for sub-slab soil gas (i.e., the sub-slab depressurization system, or SSDS). Results of a 24-hour continuous pressure test at vacuum monitoring point VMP-1A did not consistently meet the criterion of 0.004 inches of water column. As a result, VMP-1A will be replaced.
- In response to the letter from NYSDEC dated March 29, 2018, Lockheed Martin, CDM Smith, Tetra Tech, and NYSDEC discussed on April 13, 2018 sampling of groundwater for emerging contaminants, specifically per- and polyfluoroalkyl substances and 1,4-dioxane.

- Conducted on April 25, 2018 a site visit with Lockheed Martin, CDM Smith, Brown and Caldwell, and NYSDEC to introduce NYSDEC to the GCTS, SSDS, West Lot, and the FNPD source area and surface soil location soil removal areas.
- ConMed informed Lockheed Martin on April 25, 2018 that plans to install a crane or lift inside the molding area of the main manufacturing building are currently on hold. Lockheed Martin will keep NYSDEC and the New York State Department of Health (NYSDOH) informed of any further communication on construction plans from ConMed.
- The design and implementation of the Former Northern Perimeter Ditch (FNPD) source area and surface soil locations soil removal remedy continues. Brown and Caldwell submitted to NYSDEC and NYSDOH on April 27, 2018 the 95% Design and draft Remedial Action Work Plan.
- Tetra Tech in conjunction with a drilling contractor completed repairs of damaged monitoring wells and piezometers in an active driveway of the Solvent Dock Area on May 4, 2018.
- Brown and Caldwell submitted on May 22, 2018 a Groundwater Discharge Request to NYSDEC under SPDES permit #NYO121894.
- Conducted on May 23, 2018 a routine monthly project update conference call with NYSDEC (Kevin Carpenter) and NYSDOH (Steve Karpinski).
- Performed during the period June 5 through June 7 the Annual 2018 groundwater sampling in accordance with the *Interim Groundwater Monitoring Program*. Sampling included the collection of samples for per- and polyfluoroalkyl substances and 1,4-dioxane. Due to the high volume of requests for emerging compound analyses, laboratory results are not expected until July.
- Lockheed Martin, Brown and Caldwell, CDM Smith, NYSDEC, and NYSDOH conducted a conference call on June 8, 2018 to discuss

NYSDEC/NYSDOH's review of the 95% Design and Remedial Action Work Plan.

- Lockheed Martin initiated an optimization study for the GCTS and SSDS. The Optimization Team conducted a site visit with meeting on June 26, 2018.
- Submitted on June 28, 2018 to NYSDEC and NYSDOH an email summarizing GCTS and SSDS performance and groundwater sampling in lieu of the June monthly project update call.

## **2. Summary of Findings Made During the Reporting Period**

- No significant new findings were made during this 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 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. Replace SSDS vacuum monitoring point VMP-1A.
- Finalize and implement the Design and Remedial Action Work Plan for soil removal at the FNP source area and surface soil sampling locations.
- Continue monthly project status calls with NYSDEC and NYSDOH.
- Review annual groundwater monitoring results, including the analysis of per- and polyfluoroalkyl substances and 1,4-dioxane.

End of Report