



*Prepared for:*

*Prepared by:*



On behalf of Lockheed Martin Corporation (Lockheed Martin), Stantec Consulting Services Inc. (Stantec) has prepared this *First Quarter 2016 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 2016.

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 submitted to NYSDEC.

Performed ongoing operation, monitoring and maintenance (OM&M) of the interim corrective measure (ICM) for groundwater (i.e., the GCTS).

Performed ongoing OM&M of the ICM for sub-slab soil gas (i.e., the sub-slab depressurization system, or SSDS).

Completed, during the period January 5 through 7, 2016 the First Quarter 2016 groundwater sampling in accordance with the *Interim Groundwater Monitoring Program*.

Submitted, on January 15, 2016, to NYSDEC and New York State Department of Health (NYSDOH) the *First Quarter 2016 Corrective Action Progress Report*, and added the document to the public repository at the Utica Library.

Submitted, on January 15, 2016 to NYSDEC and NYSDOH, the *Supplemental Work Plan for Additional Surface Soil Sampling, Excavation Initial Design Investigation*.

Received on January 21, 2016 from NYSDEC a letter to Lockheed Martin approving the changes to the groundwater monitoring program proposed in a letter from Stantec to NYSDEC in December 2015. The changes included modifying procedures for obtaining field parameter measurements, sampling procedures, and reducing the number of wells included in the sampling based on statistical analysis of historical data.

Received on January 21, 2016 from NYSDEC a letter to Lockheed Martin approving the *Supplemental Work Plan for Additional Surface Soil Sampling, Excavation Initial Design Investigation*.

Submitted, on February 24, 2016 to NYSDEC the *Data Summary and Observations, First Quarter 2016 Groundwater Monitoring*.

Submitted on February 26, 2016 to NYSDEC and NYSDOH the *Supplemental Work Plan for Additional Area 2 Subsurface Soil Sampling, Excavation Initial Design Investigation*.

Performed, on March 1 and 2, 2016, replacement of the SSDS blower unit and variable frequency drive (VFD), due to occasional electrical issues with these system elements. Operational parameters have remained normal since the change-out.

Submitted on March 14, 2016, to NYSDEC and NYSDOH the *2015 Annual Site Management Report*, which also contained the following individual annual reports:

- *SSDS OM&M Performance Report*
- *GCTS OM&M Performance Report*
- *Cover System Performance Report*

increasing trend was identified in one Objective 1 well: MW-3 for trichloroethene (TCE). Statistically-significant decreasing trends were identified for one Objective 1 well (PZ-8 for tetrachloroethene [PCE]) and one Objective

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 Discharge Monitoring Reports, and quarterly system OM&M summaries.

Continue operation and maintenance of the SSDS, including quarterly SSDS sampling