

**Former Lockheed Martin
French Road Facility
Utica, New York
Solvent Dock Area**

**Third Quarter 2014
Corrective Action
Progress Report**



Prepared for:
**Lockheed Martin Corporation
7000 Calmont Avenue
Suite 300 MS 2010
Fort Worth, TX 76116**

Prepared by:
**Stantec Consulting Services Inc.
61 Commercial Street
Rochester, NY 14614**

October 22, 2014

Table of Contents

PURPOSE	1
1.0 SUMMARY OF WORK COMPLETED DURING THE REPORTING PERIOD	1
2.0 SUMMARY OF FINDINGS MADE DURING THE REPORTING PERIOD	2
3.0 SUMMARY OF CHANGES MADE DURING THE REPORTING PERIOD.....	2
4.0 SUMMARY OF CONTACTS MADE WITH REPRESENTATIVES OF THE LOCAL COMMUNITY AND PUBLIC INTEREST GROUPS DURING THE REPORTING PERIOD	2
5.0 SUMMARY OF PROBLEMS ENCOUNTERED DURING THE REPORTING PERIOD	2
6.0 CHANGES IN PERSONNEL CONDUCTING OR MANAGING THE CORRECTIVE MEASURES DURING THE REPORTING PERIOD	2
7.0 SUMMARY OF WORK PLANNED FOR THE NEXT REPORTING PERIOD.....	2

ACRONYMS

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”), Stantec Consulting Services Inc. (Stantec) has prepared this *Third Quarter 2014 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 Third Quarter (July, August and September) of 2014.

1.0 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 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);
- Conducted a site visit with NYSDEC (R. Curley) and New York State Department of Health (NYSDOH, N. Freeman) and ConMed (R. Zigenfus) on July 10, 2014 to observe current interior and exterior site conditions;
- Received a letter from NYSDEC (Region 6 Permit Administrator) dated July 16, 2014 issuing the renewal of the SPDES permit for the site. The new permit expires July 31, 2019;
- Conducted project update conference calls with NYSDEC (R. Curley) and NYSDOH (N. Freeman) on July 17, and September 11, 2014 (the August call was cancelled);
- Submitted the *Second Quarter 2014 Corrective Action Progress Report* to NYSDEC and NYSDOH on July 18, 2014 and added the document to the public repository at the Utica Library;
- Received a letter from NYSDEC (Region 6 Division of Water) dated August 22, 2014 summarizing the results of an inspection of the facility conducted on August 7, 2014 for compliance with conditions of the SPDES permit. The letter indicated the facility was in substantial compliance with the permit;
- Completed third quarter groundwater sampling in accordance with the *Interim Groundwater Monitoring Program* and submitted related monitoring data to NYSDEC and NYSDOH on August 26, 2014; and

- ConMed briefed Lockheed Martin on their plans to pour concrete as new paving in four separate areas at the Solvent Dock Area. During subsequent work, surface soil was removed and stockpiled. Stantec sampled stockpiled soil on September 18, 2014 to determine acceptable management. Laboratory results of soil characterization are pending.

2.0 Summary of Findings Made During the Reporting Period

The following findings were made during the reporting period:

- Results of third quarter groundwater monitoring indicate that the detected types and distribution of contaminants are similar to those of previous sampling events. Groundwater flow conditions were also similar to previous results (with generally lower groundwater elevations) and reflect the influence of the GCTS.

3.0 Summary of Changes Made During the Reporting Period

No significant changes to the *Corrective Measures Implementation Plan* were made during the reporting period.

4.0 Summary of Contacts Made with Representatives of the Local Community and Public Interest Groups During the Reporting Period

No interactions were made with the local community or public interest groups during the reporting period.

As referenced in Section 1, the *Second Quarter 2013 Corrective Action Progress Report* was added to the public repository at the Utica Library.

5.0 Summary of Problems Encountered During the Reporting Period

No significant problems were encountered during the reporting period.

6.0 Changes in Personnel Conducting or Managing the Corrective Measures During the Reporting Period

No personnel changes occurred among those conducting or managing the corrective measures at the Site during the reporting period.

7.0 Summary of Work Planned for the Next Reporting Period

The following activities are scheduled for completion during the Fourth Quarter 2014 reporting period:

- Continue operation and maintenance of the GCTS, including 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 and monitoring; data to be provided as part of the quarterly system O&M summaries;
- Perform leak testing of the SSDS system piping;
- Conduct the fourth quarter groundwater sampling event for 2014 in accordance with the draft *Interim Groundwater Monitoring Program*;
- Update the current draft of the Site Management Plan; and
- Continue monthly project status calls with NYSDEC/NYSDOH.