

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

**Second 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**

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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.....	3
6.0 CHANGES IN PERSONNEL CONDUCTING OR MANAGING THE CORRECTIVE MEASURES DURING THE REPORTING PERIOD.....	3
7.0 SUMMARY OF WORK PLANNED FOR THE NEXT REPORTING PERIOD.....	3

ACRONYMS

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”), Stantec Consulting Services Inc. (Stantec) has prepared this *Second 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 Second Quarter (April, May and June) 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);
- Submitted the *First Quarter 2014 Corrective Action Progress Report* to NYSDEC and the New York State Department of Health (NYSDOH) on April 15, 2014 and added the document to the public repository at the Utica Library;
- Completed second quarter groundwater sampling in accordance with the *Interim Groundwater Monitoring Program* and submitted related monitoring data to NYSDEC and NYSDOH on May 16, 2014;
- Submitted the *2014 Annual Vapor Intrusion Study, Solvent Dock Area* to NYSDEC/NYSDOH on May 20, 2014;
- Received NYSDEC’s letter dated May 21, 2014 accepting Lockheed Martin’s revised Corrective Measures Study and requesting a copy of the Restrictive Use Agreement that is attached to the deed for the property;
- Submitted a SPDES permit renewal application to NYSDEC on May 21, 2014;
- Provided NYSDEC with a copy of the Restrictive Use Agreement on May 28, 2014;
- Received NYSDEC’s letter dated June 16, 2014 accepting the previously-submitted Remedial Construction Certifications for the Sub-slab Depressurization System and Groundwater Collection and Treatment System;

- Received NYSDEC's letter on June 24, 2014 approving of the recommendations Lockheed Martin made on August 2013 relative to modifications to the frequency of monitoring of certain vapor monitoring points and reducing the SSDS pipe leak testing to an 18-month cycle.
- ConMed had earlier informed Stantec of a planned 24-hour annual power shutdown that would affect GCTS operation. Lockheed Martin in turn notified NYSDEC via letter dated 5/30/14. The shutdown occurred on 6/28/14. Stantec also shut down the SSDS as a precautionary measure during this time. Both systems were restarted on 6/29/14.

2.0 Summary of Findings Made During the Reporting Period

The following findings were made during the reporting period:

- Results of second quarter groundwater monitoring indicate that the detected types and distribution of contaminants are similar to those of previous sampling events. Groundwater flow directions were also similar to previous results and reflect the influence of the GCTS.
- As a result of the annual Vapor Intrusion study, three locations (VMP-5A, VMP-6A, and VMP-7A) were assigned a Monitor designation according to NYSDOH VI guidance due to concentrations of TCE in sub-slab soil gas, although at each location's paired indoor air sample TCE was not detected above the reporting limit, the latter of which may be due to higher-than-typical reporting limits for these samples. At the remaining 11 paired sample locations, NYSDOH matrices indicate that (depending on the compound) either No Further Action is necessary or that Actions to Identify Background Sources(s) and Reduce Exposures should be implemented.

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 *First 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 Third Quarter 2014 reporting period:

- Continue operation and maintenance of the GCTS, including effluent sampling for compliance with the existing SPDES permit (NY-012-1894) 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;
- Conduct the third quarterly groundwater sampling event for 2014 in accordance with the draft *Interim Groundwater Monitoring Program*;
- Further develop institutional controls as part of a future Site Management Plan and work on revisions to the current draft Plan; and
- Continue monthly project status calls with NYSDEC/NYSDOH.