

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

**Fourth Quarter 2014
Corrective Action
Progress Report**



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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 *Fourth 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 Fourth Quarter (October, November, and December) 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); reviewing possible corrective actions for vacuum response at vacuum monitoring point VMP-8D, which did not achieve performance criteria during 24-hour vacuum monitoring performed in October 2014;
- Received lab results of soil samples from a stockpile of soil (approximately 5-7 cubic yards) generated by ConMed from shallow excavations for concrete pads. The results indicated the soil was acceptable for onsite re-use; however ConMed arranged for offsite disposition of the material;
- Conducted monthly project update conference calls with NYSDEC (R. Curley) and NYSDOH (N. Freeman) on October 9 and November 13 (the December call was cancelled);
- Conducted a conference call on December 2, 2014 with NYSDEC Central Office (R. Curley and M. Komoroske) and Region 6 (P. Ouderkirk and P. Taylor) related to regulatory coordination between closure of the West Lot site and the Statement of Basis for the Solvent Dock Area;
- Performed leak testing of the SSDS system piping on October 14 and 15, 2014. No leaks or other issues were identified. The results will be included in the 2014 Annual SSDS OM&M report;
- Received a letter from NYSDEC dated October 17, 2014 indicating the Department had no record of a SPDES Permit modification request submitted by Lockheed Martin in 2012,

and asking that the request be re-submitted. That resubmittal is currently under development by Lockheed Martin;

- Submitted the *Third Quarter 2014 Corrective Action Progress Report* to NYSDEC and NYSDOH on October 22, 2014 and added the document to the public repository at the Utica Library;
- Completed fourth quarter groundwater sampling in accordance with the *Interim Groundwater Monitoring Program* and submitted related monitoring data to NYSDEC and NYSDOH on November 18, 2014;
- Managed groundwater generated from two excavations performed by ConMed on October 22, 2014 and December 16, 2014. The excavations were performed to repair leaking fire protection system valves, referred to as PIV-3 and PIV-6, respectively. In each case, the groundwater was pumped to a frac tank for temporary storage. The water from the October excavation (PIV-3) was discharged to the GCTS for treatment on November 17, 2014. The water from the December excavation (PIV-6) has not yet been discharged/treated. In both cases, the discharge and treatment was approved in writing under the existing GCTS-related SPDES permit by the NYSDEC Region 6 Division of Water. Sediment from the frac tanks has been or will be placed in drums and characterized for proper offsite disposal;

Excavated soil from PIV-3 was placed back in the excavation; soil from PIV-6 (approximately 20 cubic yards) was spread by ConMed on the West Lot in the vicinity of the former treatment buildings, the excavation was backfilled with imported crushed stone and the area was repaved;

- NYSDEC issued the *Draft Statement of Basis for Proposed Remedy, Former Lockheed Martin French Road Facility, 525 French Road Utica, Oneida County NY; EPA ID: NYD 000521971, Site No. 633036A, OU1 and OU2 for the Solvent Dock Project* on December 22, 2014. The public comment period for this document is from December 29, 2014 through February 12, 2015.

2.0 Summary of Findings Made During the Reporting Period

The following findings were made during the reporting period:

- Results of fourth 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

- Interaction with the local community or public interest groups during the reporting period included an inquiry received on December 31, 2014 from the Utica Observer Dispatch newspaper. Lockheed Martin provided a written response on December 31, 2014.
- As referenced in Section 1, the *Third 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 next 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 the 2015 Annual Vapor Intrusion study and prepare summary report;
- Discharge and treat groundwater generated during the PIV-6 repair excavation;
- Prepare 2014 Annual OM&M Reports for the GCTS and SSDS;
- Prepare 2014 Annual Groundwater Monitoring Report;
- Review of Statement of Basis and provide written comments to NYSDEC as appropriate;
- Provide support as needed relative to responding to public comments received on the Statement of Basis, if deemed warranted by NYSDEC;
- Perform rehabilitation and surface repair of selected monitoring wells;
- Conduct the first quarter groundwater sampling event for 2015 in accordance with the draft *Interim Groundwater Monitoring Program*;
- Continue monthly project status calls with NYSDEC/NYSDOH.