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Transmittal

**Former Lockheed Martin
French Road Facility
Utica, New York**

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ACRONYMS

DOW	Division of Water
GAC	granular activated carbon
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
SGVs	Standards and Guidance Values
SPDES	State Pollutant Discharge Elimination System
SSDS	sub-slab depressurization system
VI	vapor intrusion



FORMER LOCKHEED MARTIN
FRENCH ROAD FACILITY
UTICA, NEW YORK
SOLVENT DOCK AREA

FOURTH QUARTER 2015
CORRECTIVE ACTION
PROGRESS REPORT

Purpose

On behalf of Lockheed Martin Corporation (Lockh

Submitted, on October 27, 2015, a letter to NYSDEC providing notification of finalized locations for six new vapor monitoring points (VMPs) to be installed in the western portion of the ConMed building.

Received, on October 27, 2015, an email from NYSDEC to Stantec approving the revised locations for the six new proposed VMPs.

Submitted, on November 3, 2015, to NYSDEC and NYSDOH the *Revised Work Plan for Excavation Initial Design Investigation, Former Lockheed Martin French Road Facility*.

Conducted inspection of cover system performance on November 4, 2015.

Received, on November 13, 2015, from NYSDEC a letter approving the November 3, 2015 *Revised Work Plan for Excavation Initial Design Investigation, Former Lockheed Martin French Road Facility*.

Performed, during the period November 16 through December 15, the Excavation Initial Design Investigation field testing and sampling program. NYSDEC (S. Saucier) visited the site on November 19 to observe progress. The investigation included:

- 35 Membrane Interface Probe (MIP) borings;
- 38 Geoprobe® borings for soil sampling;
- 77 subsurface soil samples (plus QA/QC samples) submitted for laboratory analysis (including QA/QC samples) for volatile organic compounds (VOCs); and
- 24 surface soil samples (plus QA/QC samples) submitted for laboratory analysis for Polychlorinated Biphenyls (PCBs);
- 1 Pole Barn sump water sample.

Review of the analytical data is in progress.

Submitted, on November 30, 2015, to NYSDEC and NYSDOH the summary of Fourth Quarter 2015 groundwater monitoring data and findings.

Submitted, on December 1, 2015, to NYSDEC and NYSDOH preliminary results of Excavation Initial Design Investigation surface soil sampling for PCBs, with a request for determination as to whether additional sampling is needed based on detections of PCBs at levels above the Commercial soil cleanup objectives (SCO) at ten locations.

Performed, on December 9, 2015, geophysical pre-clearance of proposed VMP locations within the western portion of the ConMed building.

Received, on December 15, 2015, an email from NYSDEC to Stantec indicating that additional PCB sampling would be required to further investigate the areas where Commercial SCO exceedances were identified.

Received, on December 22, 2015, an email from NYSDEC to Stantec indicating the December 1, 2015 deadline for submittal of the Draft Environmental Easement was extended (no new specific deadline was given), and requiring that work on the draft package continue, regardless.

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

The SSDS blower and motor are showing signs of wear as evidenced by an increase in alarms related to the blower motor and variable frequency drive (VFD) that result in brief system shutdowns. These occurrences and other data have been evaluated and a decision made to procure and install a replacement blower and VFD. An "in-kind" replacement unit and related equipment have been identified and ordered and installation is planned for Q1 2016. The existing blower unit will be evaluated for potential refurbishment and use as a backup. In the meantime, a reconfigured bypass to the VFD has eliminated related alarms with no impairment to performance.

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

No changes in project personnel were made during the 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 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 OM&M summaries.

Install a replacement SSDS blower, blower motor and VFD, and initiate refurbishing of the existing unit.

Continue monthly project status calls with NYSDEC and NYSDOH.

As needed and appropriate, continue to provide copies of project documents to the project repository (Utica Public Librapisi :.5(s(ed0)-.0086m9i)9.9(c)7.6(a)7.8Tc-.008(o)15l.4(s)6.9iapbct ro(s

If approved by NYSDEC, perform additional surface soil sampling for PCBs per the proposal described above.

Submit a Draft Environmental Easement package, including a revised Draft Site Management Plan to NYSDEC, NYSDOH and ConMed for review and comment.

Provide to NYSDEC a preliminary summary of the results of the Excavation Initial Design Investigation MIP probes, soil sampling and VOC analyses.

Install the six new VMPs in the western building areas, and perform soil vapor intrusion sampling (sub-slab vapor, and indoor/ambient air).

Complete the 2015 Site Management Report summarizing results of GCTS and SSDS OMM, groundwater monitoring, and protective cover performance.

End of Report