

**Lockheed Martin Corporation**

**First Quarter 2009 Corrective  
Action Progress Report**

Order on Consent

Index Number: 6-20080321-5

Solvent Dock Area

Former Lockheed Martin Facility

Utica, New York

April 2009



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Utica, New York

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**ACRONYMS**

AOC	area of concern
DUSR	data usability summary report
GCTS	groundwater collection and treatment system
ICM	interim corrective measure
NYSDEC	New York State Department of Environmental Conservation
SPDES	State Pollutant Discharge Elimination System
SSDS	sub-slab depressurization system
VMP	vapor-monitoring point

## Purpose

On behalf of Lockheed Martin Corporation (Lockheed Martin), ARCADIS has prepared this *First Quarter 2009 Corrective Action Progress Report* for the Solvent Dock Area (“the site”) at the former Lockheed Martin French Road facility in Utica, New York. This report is required by the October 3, 2008 New York State Department of Environmental Conservation (NYSDEC) “Order on Consent” (i.e., “the Order”) (CO 6-20080321-5), and within Attachment 3-1 (“Corrective Action Requirements”), Section B.8, of the Order. The following summarizes activities and information for the period since issuance of the Order (October, November, and December 2008, and January, February, and March 2009).

## 1. Summary of Work Completed During the Reporting Period

The following activities were completed during the reporting period:

- Continued the “area of concern” (AOC) investigations pursuant to the *Corrective Measures Implementation Plan* (Attachment 2 of the Order), including soil and groundwater investigation field activities;
- Continued operation and maintenance of the interim corrective measure (ICM) for groundwater (i.e., the groundwater collection and treatment system [GCTS]);
- Effluent sampling of the GCTS for compliance with the existing SPDES permit (NY-012-1894);
- Continued operation and maintenance of the ICM for sub-slab soil gas (i.e., the sub-slab depressurization system [SSDS]); and
- Submittal of the *Tank Status Report*, dated December 1, 2008.
- Submittal of the *Tank Status Report— Revised*, dated March 13, 2009.
- Meeting with NYSDEC on February 2, 2009 to discuss the preliminary finds of the soil and groundwater investigation field activities.

- Preparation and submittal to NYSDEC of the *Corrective Measures Study Report*, dated March 16, 2009.

## 2. Summary of Findings Made During the Reporting Period

All findings made during the reporting period (including all analytical data associated with the corrective measures study) were presented to NYSDEC in the *Corrective Measures Study Report*.

## 3. Summary of Changes Made During the Reporting Period

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

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

The following contacts were made during the reporting period:

- Met with Paul Ragusa of ConMed Corporation and Jon Ames, the former facility manager for the former Lockheed Martin French Road facility, to share historical information and tour the site to discuss potential strategies to address vapor-intrusion investigation and mitigation and other potential remedial plans. The meeting was held on February 23, 2009.
- Two fact sheets on the former Lockheed Martin French Road site were made available during a presentation to New Hartford Town's public board meeting on the progress of the Scully project. The meeting was held on February 25, 2009. Additional copies of these fact sheets were provided to the Utica public library.

## 5. Summary of Problems Encountered During the Reporting Period

No significant problems were encountered during the reporting period. However, as previously discussed with NYSDEC and presented in the cover letter for the *Corrective Measures Study Report*, TestAmerica of Amherst, New York could not meet the deadline requested by Lockheed Martin for five Category B data-packages associated with the soil and groundwater investigation. As such, these complete data packages (and associated

data-usability summary reports (DUSRs)) were not transmitted to NYSDEC as part of the *Corrective Measures Study Report*. We expect to transmit the outstanding data packages and associated DUSRs to NYSDEC during the second quarter of 2009.

## **6. 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 study at the site during the reporting period.

## **7. Summary of Work Planned for the Next Reporting Period**

The following activities are scheduled for completion during the second quarter 2009 reporting period:

- Continued operation and maintenance of the groundwater collection and treatment system (GCTS), including effluent sampling for compliance with the existing "State Pollutant Discharge Elimination System" (SPDES) permit (NY-012-1894);
- Continued operation and maintenance of the SSDS, including quarterly SSDS sampling and monitoring;
- Installation of five permanent vapor-monitoring points (VMPs) within the facility to assist SSDS monitoring;
- Collection of indoor air and sub-slab soil-gas samples as part of the annual monitoring program;
- Complete 24-hour vacuum-monitoring of select VMPs as part of continued evaluation of SSDS performance;
- Prepare work plan and implement supplemental soil and groundwater investigation of former northern perimeter ditch and eastern parking lot area;
- Perform water-use survey of off-site properties near the Solvent Dock Area;
- Brief ConMed personnel on results of vapor-intrusion sampling;

- Begin preparation of the work plan for evaluation of closure status of the former waste water treatment plant;
- Provide technical support on an as-needed basis to excavations associated with the repair of fire-suppression-post indicator valves conducted by ConMed personnel;
- Develop and submit the *Operations, Maintenance, and Monitoring (OM&M Plan)* for the SSDS;
- Begin development of the *OM&M Plan* for the GCTS;
- Begin development of the *Monitored Natural Attenuation Plan*;
- Begin preparation of “Environmental Indicator Forms;”
- Begin development of the *Site Management Plan*; and
- Submit outstanding laboratory-data packages and DUSRs associated with the *Corrective Measures Study Report* to NYSDEC.