

Lockheed Martin Corporation

**Third Quarter 2009 Corrective
Action Progress Report**

Order on Consent

Index Number: 6-20080321-5

Solvent Dock Area

Former Lockheed Martin Facility

Utica, New York

October 2009



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Former Lockheed Martin Facility
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Lockheed Martin Corporation

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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
OM&M	Operations, Maintenance, and Monitoring
QAPP	Quality Assurance Project Plan
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 *Third 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” (“the Order”) (CO 6-20080321-5), and within Attachment 3-1 (“Corrective Action Requirements”), Section B.8, of the Order. The following sections summarize activities and information for the third quarter 2009 (July, August, and September 2009).

1. Summary of Work Completed During the Reporting Period

The following activities were completed during the reporting period:

- Prepared plan for the groundwater and soil vapor supplemental investigation for the eastern end of the Site;
- Received and reviewed as-built drawings from the neighboring property (i.e., International House Of Pancakes) to evaluate access and sampling locations for future groundwater and soil vapor investigations;
- Completed semi-annual vacuum-monitoring of select VMPs as part of continued evaluation of SSDS performance;
- Collected indoor air and sub-slab soil-gas samples as part of the annual monitoring program;
- Installed three permanent VMPs within the manufacturing building to assist SSDS monitoring;
- Submitted work plan for the evaluation of closure status of the former waste water treatment plant;
- Prepared post-Corrective Measures Study management plans, i.e., Site Management Plan; Monitored Natural Attenuation Plan; QAPP; OM&M Manuals for SSDS and GCTS;
- Prepared a water-use survey of off-site properties near the Solvent Dock Area;
- Prepared Environmental Indicator Forms;

- Performed ongoing operation and maintenance of the ICM for groundwater (i.e., the GCTS);
- Transmitted outstanding DUSRs to NYSDEC as part of the Corrective Measures Study Report;
- Conducted effluent sampling of the GCTS for compliance with the existing SPDES permit (NY-012-1894);
- Conducted effluent sampling of the GCTS for oil and grease in response to oil and grease detections by ConMed at its SPDES compliance sampling location;
- Performed ongoing operation and maintenance of the ICM for sub-slab soil gas (i.e., the SSDS); and
- Conducted Failure Modes Effects Analysis of SSDS to evaluate/remove any issues that could cause system failure and/or loss to property and personnel.

2. Summary of Findings Made During the Reporting Period

No significant findings were made during the reporting period.

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

No contacts with representative of the local community or public interest group were made during the reporting period.

5. Summary of Problems Encountered During the Reporting Period

No significant problems were encountered during the reporting period.

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 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 fourth quarter 2009 reporting period:

- Continued operation and maintenance of the GCTS, including effluent sampling for compliance with the existing SPDES permit (NY-012-1894);
- Continued operation and maintenance of the SSDS, including quarterly SSDS sampling and monitoring;
- Submit work plan and implement supplemental groundwater and soil vapor investigation;
- Implement 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;
- Submit the OM&M Manual for the SSDS;
- Submit the OM&M Manual for the GCTS;
- Submit the Monitored Natural Attenuation Plan;
- Submit the Site Management Plan;
- Submit updated project QAPP;
- Submit Environmental Indicator Forms; and
- Submit report on annual indoor air and sub-slab soil gas sampling results.