



Infrastructure · Water · Environment · Buildings

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Transmittal Letter

To:
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Kay Armstrong, Armstrong & Assoc.
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Rick Zigenfus, ConMed
Glenda Smith, Lockheed Martin
File

From:
Lisa Collins

Date:
October 9, 2012

Subject:
3Q12 Corrective Action Progress Report

ARCADIS Project No.:
NJ001026.0001

We are sending you:

Attached **Under Separate Cover Via _____ the Following Items:**

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Copies	Date	Description	Action*
1	10/9/12	Third Quarter 2012 Corrective Action Progress Report, Order on Consent, Index Number: 6-20080321-5, Solvent Dock Area, Former Lockheed Martin Facility, Utica, New York	AS

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Comments: _____

Lockheed Martin Corporation

**Third Quarter 2012
Corrective Action Progress Report**

Order on Consent

Index Number: 6-20080321-5

Solvent Dock Area

Former Lockheed Martin Facility

Utica, New York

October 2012



Jeffrey J. Bonsteel
Associate Project Manager



Peter Milionis
Project Manager

**Third Quarter 2012 Corrective
Action Progress Report**

Order on Consent
Index Number: 6-20080321-5
Solvent Dock Area
Former Lockheed Martin Facility
Utica, New York

Prepared for:
Lockheed Martin Corporation

Prepared by:
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Our Ref.:
NJ001026.0001

Date:
October 2012

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ACRONYMS

ERD	enhanced reductive dechlorination
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
SPDES	State Pollutant Discharge Elimination System
SSDS	sub-slab depressurization system

Purpose

On behalf of Lockheed Martin Corporation (Lockheed Martin), ARCADIS has prepared this *Third Quarter 2012 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 in Attachment 3-1 (“Corrective Action Requirements”), Section B.8, of the Order. The following sections summarize activities and information for the third quarter of 2012 (July, August, and September 2012).

1. Summary of Work Completed During the Reporting Period

The following activities were completed during the reporting period:

- Sampled effluent from the groundwater collection and treatment system (GCTS) for compliance with the existing State Pollutant Discharge Elimination System (SPDES) permit (NY-012-1894);
- Performed ongoing operation and maintenance of the interim corrective measure (ICM) for groundwater (i.e., the GCTS);
- Performed ongoing operation and maintenance of the ICM for sub-slab soil gas (i.e., the sub-slab depressurization system, SSDS);
- Received approval from NYSDEC on reduction in operation and maintenance schedule of the SSDS from monthly to quarterly;
- Submitted the *Second Quarter 2012 Corrective Action Progress Report* to NYSDEC/NYSDOH, and added the document to the public repository (at the Utica Library);
- Continued contact with NYSDEC regarding access to adjacent real property for potential future off-site soil vapor sampling activities; received access and initiated planning for field activities;
- Continued groundwater monitoring associated with the enhanced reductive dechlorination (ERD) pilot test, as specified in the *Feasibility Study Report*;
- Began development of summary report of ERD pilot test;
- Began development of amendment to *Feasibility Study Report* per results of ERD pilot test

- Submitted *Evaluation Plan for SSDS Performance in Area of VMP-7A* to NYSDEC; began field activities;
- Completed quarterly groundwater sampling in accordance with the *Interim Groundwater Monitoring Program*; and
- Continued monthly project calls with NYSDEC/NYSDOH.

2. Summary of Findings Made During the Reporting Period

There were no significant findings during the reporting period that varied from routine data collection parameters and information. Data have been collected and reviewed as part of the ERD pilot test, but are, in general, consistent with historical data for the site.

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

As referenced in Section 1, the *Second Quarter 2012 Corrective Action Progress Report* submitted to NYSDEC/NYSDOH has been added to the public repository (at the Utica Library).

5. Summary of Problems Encountered During the Reporting Period

No significant problems were encountered during the reporting period. Lockheed Martin's Utica project website is under renovation, and until completed, posted documents are not viewable.

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 2012 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;
- Continue operation and maintenance of the SSDS, including quarterly SSDS sampling and monitoring;
- Conduct the fourth quarterly groundwater sampling event (annual event) in accordance with the draft *Interim Groundwater Monitoring Program*;
- Continue to discuss the elements of a future Site Management Plan with ConMed and work on revisions to the current draft Plan;
- Complete ERD pilot test report;
- Complete amendment to *Feasibility Study Report*;
- Complete on-site and off-site soil-vapor sampling and submit report on soil vapor monitoring at Former Northern Perimeter Ditch;
- Complete evaluation of SSDS performance in area of VMP-7A; and
- Continue monthly project status calls with NYSDEC/NYSDOH.