



Infrastructure · Water · Environment · Buildings

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Transmittal Letter

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Richard Zigenfus, ConMed
File

From:
Lisa Collins

Date:
October 16, 2013

Subject:
3Q13 Corrective Action Progress Report

ARCADIS Project No.:
NJ001048.0001

We are sending you:

Attached

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Other: _____

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1	10/16/13	Third Quarter 2013 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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Lockheed Martin Corporation

**Third Quarter 2013
Corrective Action Progress Report**

Order on Consent

Index Number: 6-20080321-5

Solvent Dock Area

Former Lockheed Martin Facility

Utica, New York

October 2013



A handwritten signature in black ink, appearing to read "Daniel Zuck".

Daniel A. Zuck
Task Manager

A handwritten signature in blue ink, appearing to read "Jeffrey J. Bonsteel".

Jeffrey J. Bonsteel
Project Manager

**Third Quarter 2013 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

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Our Ref.:
NJ001048.0001

Date:
October 2013

Purpose	1
1. Summary of Work Completed During the Reporting Period	1
2. Summary of Findings Made During the Reporting Period	2
3. Summary of Changes Made During the Reporting Period	2
4. Summary of Contacts Made with Representatives of the Local Community and Public Interest Groups During the Reporting Period	2
5. Summary of Problems Encountered During the Reporting Period	3
6. Changes in Personnel Conducting or Managing the Corrective Measures During the Reporting Period	3
7. Summary of Work Planned for the Next Reporting Period	3

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, Maintenance and Monitoring
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 2013 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 2013 (July, August, and September 2013).

1. Summary of Work Completed During the Reporting Period

The following activities were completed during the reporting period:

- Sampled 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 documented in monthly Discharge Monitoring Reports;
- 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);
- Submitted the *Second Quarter 2013 Corrective Action Progress Report* to NYSDEC and the New York State Department of Health (NYSDOH), and added the document to the public repository at the Utica Library;
- Submitted the *Summary Report for SSDS Pilot Test in Area of VMP-7A* to NYSDEC/NYSDOH on July 2, 2013;
- Submitted letter to NYSDEC/NYSDOH dated July 31, 2013 providing technical justification for proposed chemical analytical suite for planned surface soil sampling program, in response to NYSDEC’s July 16, 2013 letter;
- Submitted *Surface Soil Sampling Plan* dated August 29, 2013 to NYSDEC/NYSDOH in response to NYSDEC’s written request dated August 9, 2013; NYSDEC approved plan with minor comments in letter dated September 13, 2013;

- Submitted letter to NYSDEC/NYSDOH on August 26, 2013 requesting modification of the annual leak detection of the SSDS and changes to the selection of vapor monitoring points for quarterly monitoring;
- Received approval of the *2012 Annual GCTS Operation, Maintenance and Monitoring (OM&M) Report* and *2012 Annual Groundwater Report*, both of which were added to the public repository;
- Submitted a Remedial Construction Certification Letter for the GCTS, as requested by NYSDEC, on September 24, 2013;
- Initiated pre-construction activities associated with proposed SSDS improvements (addition of extraction sump SDS-8);
- Completed third quarter groundwater sampling in accordance with the *Interim Groundwater Monitoring Program* and submitted related monitoring data to NYSDEC on August 29, 2013; and,
- Continued monthly project calls with NYSDEC/NYSDOH.

2. Summary of Findings Made During the Reporting Period

The following findings were made during the reporting period:

- Results of 3rd quarter groundwater monitoring indicate that the detected types and distribution of contaminants are similar to those of previous sampling events.

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 2013 Corrective Action Progress Report*, the *2012 Annual GCTS Operation, Maintenance and Monitoring (OM&M) Report*, and the *2012 Annual Groundwater Report* have 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.

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 2013 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; data to be provided as part of the monthly Discharge Monitoring Reports, quarterly system O&M summaries, and the *Annual 2013 GCTS Operation, Maintenance, and Monitoring Report*;
- 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 and the *Annual 2013 SSDS Operation, Maintenance, and Monitoring Report*;
- Conduct the fourth quarterly groundwater sampling event for 2013 in accordance with the draft *Interim Groundwater Monitoring Program*; data to be provided as part of quarterly data summaries and the *Annual 2013 Groundwater Monitoring Report*;
- Complete SSDS improvements (addition of extraction sump SDS-8);
- Continue to discuss the elements of a future Site Management Plan with ConMed and work on revisions to the current draft Plan. Potential revisions are pending input from NYSDEC on suitability of the current draft's content relative to more recent guidance on Plan format;
- Complete surface soil sampling activities and provide summary report to NYSDEC/NYSDOH;



**Third Quarter 2013
Corrective Action
Progress Report**

Solvent Dock Area
Former Lockheed Martin
Facility, Utica, New York

- Submit *Corrective Measures Study Report* for the Former Northern Perimeter Ditch to NYSDEC/NYSDOH in response to NYSDEC's July 16, 2013 comment letter on the *Pre-Design Activities Report* and *Feasibility Study Report Addendum*; and
- Continue monthly project status calls with NYSDEC/NYSDOH.