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Transmittal Letter

To:
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 Dale Truskett, Lockheed Martin
 Kay Armstrong, Armstrong & Assoc.
 Ginny Robbins, BS&K
 Rick Zigenfus, ConMed

From:
 Lisa Collins

Date:
 January 14, 2011

Subject:
 4Q10 Corrective Action Progress Report

ARCADIS Project No.:
 NJ001017.0001

We are sending you:

Attached

Under Separate Cover Via _____ the Following Items:

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Copies	Date	Description	Action*
1	1/14/11	Fourth Quarter 2010 Corrective Action Progress Report, Order on Consent, Index Number: 6-20080321-5, Solvent Dock Area, Former Lockheed Martin Facility, Utica, New York	AS

Action*

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Comments: _____

Lockheed Martin Corporation

**Fourth Quarter 2010
Corrective Action Progress Report**

Order on Consent

Index Number: 6-20080321-5

Solvent Dock Area

Former Lockheed Martin Facility

Utica, New York

January 2011



Jeffrey J. Bonsteel
Project Scientist



Christopher J. Motta, CPG
Project Manager

**Fourth Quarter 2010 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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Tel 518.452.7826
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Our Ref.:
NJ001017.0001

Date:
January 2011

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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
SPDES	State Pollutant Discharge Elimination System
SSDS	sub-slab depressurization system
WWTP	wastewater treatment plant

Purpose

On behalf of Lockheed Martin Corporation (Lockheed Martin), ARCADIS has prepared this *Fourth Quarter 2010 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 fourth quarter of 2010 (October, November and December 2010).

1. Summary of Work Completed During the Reporting Period

The following activities were completed during the reporting period:

- Continued revisions to Draft Site Management Plan (in progress); attended meeting with NYSDEC to brief its staff and discuss content of revised draft plan;
- 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);
- Collected supplemental second round of soil-vapor data (as discussed with NYSDEC and New York Department of Health, NYSDOH) associated with work outlined in the *Former Northern Perimeter Ditch Supplemental Investigation Work Plan*;
- Continued field work associated with the *Work Plan for Final Closure Activities of the Wastewater Treatment Plant*, which includes monthly inspections of the wastewater treatment plant (WWTP) basement for the presence of water;
- Submitted to NYSDEC/NYSDOH the *Third Quarter 2010 Corrective Action Progress Report*, added the document to the public repository (at the Utica Library), and uploaded the document to the public Lockheed Martin website;

- Continued installation activities associated with planned SSDS and GCTS upgrades as the ICM; and
- Submitted revised inflation-adjusted closure cost estimates for 2009 and 2010 consistent with the financial assurance requirements of the Order.

2. Summary of Findings Made During the Reporting Period

Additional data (second round of soil vapor data) collected as a supplement to the *Former Northern Perimeter Ditch Supplemental Investigation Work Plan* were received during the reporting period, and were generally relayed to NYSDEC and NYSDOH in a phone call. All data from this investigation are under final review, and will be provided to NYSDEC in a report (currently projected to be submitted during the first quarter 2011).

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 *Third Quarter 2010 Corrective Action Progress Report* submitted to NYSDEC/NYSDOH has been added to the public repository (at the Utica Library). This document has also been uploaded to the public Lockheed Martin website.

Lockheed Martin continued to discuss the elements of a future Site Management Plan with the site operator, ConMed. These discussions are on-going.

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 first-quarter-2011 reporting period:

- Complete implementation of SSDS and GCTS design upgrades;
- Continue operation and maintenance of the GCTS, including effluent sampling for compliance with the existing SPDES permit (NY-012-1894);
- Continue operation and maintenance of the SSDS, including quarterly SSDS sampling and monitoring;
- Submit revised Operation and Maintenance Manuals for the SSDS and GCTS incorporating system upgrades to NYSDEC/NYSDOH;
- Conduct annual vapor intrusion monitoring event/submit summary report to NYSDEC/NYSDOH;
- Submit summary report to NYSDEC on Post Indicator Valve repairs to fire suppression system completed to date by ConMed;
- Submit summary report to NYSDEC/NYSDOH for the former northern-perimeter ditch investigation;
- Submit revised Monitored Natural Attenuation Plan to NYSDEC/NYSDOH;
- Develop feasibility study of remedial alternatives for the former northern-perimeter ditch;
- Continue to discuss the elements of a future Site Management Plan with ConMed and to work on revisions to the current draft Plan; and
- Procure services for off-site soil gas monitoring.