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From:
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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:

Shop Drawings
 Prints

Plans
 Sam

Specifications

Change Order

AN Approved As Noted
 AS As Requested
 Other: _____

CR Correct and Resubmit
 F File
 FA For Approval

Resubmit _____ Copies
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 Review and Comment

Mailing Method

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

**Fourth Quarter 2010 Corrective
Action Progress Report**

Order on Consent

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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 at the former Lockheed Martin Facility, Utica, New York. This report is required by the October 3, 2008 New York State Department of Environmental Conservation (16-2 UGHURBQHWK2UGHU2 -20080321-5), and in Attachment 3-B UUHFWLYHFWLRQHTXUHPHUV6HFWRUW he 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

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

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

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