

Lockheed Martin Corporation

**Fourth Quarter 2013
Corrective Action Progress Report**

Order on Consent

Index Number: 6-20080321-5

Solvent Dock Area

Former Lockheed Martin Facility

Utica, New York

January 2014



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 "Jeffery J. Bonsteel".

Jeffery J. Bonsteel
Project Manager

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Lockheed Martin Corporation

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ACRONYMS

FNPD	Former Northern Perimeter Ditch
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 *Fourth 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 fourth quarter of 2013 (October, November, and December 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);
- Continued monthly project calls with NYSDEC/NYSDOH;
- Received NYSDEC/NYSDOH approval of *Summary Report for SSDS Pilot Test in Area of VMP-7A* in NYSDEC letter dated October 11, 2013; approved report was added to the public repository at the Utica Library;
- Completed surface soil sampling activities on October 11, 2013;
- Submitted the *Third Quarter 2013 Corrective Action Progress Report* to NYSDEC and the New York State Department of Health (NYSDOH) on October 16, 2013, and added the document to the public repository at the Utica Library;
- Completed fourth quarter groundwater sampling in accordance with the *Interim Groundwater Monitoring Program* and submitted related monitoring data to NYSDEC on December 19, 2013;
- Completed construction and startup and shakedown activities associated with proposed SSDS improvements (addition of extraction sump SDS-8) on October 23, 2013;

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- Submitted *Corrective Measures Study* for the Former Northern Perimeter Ditch (FNPD) to NYSDEC/NYSDOH on December 23, 2013 in response to NYSDEC's July 16, 2013 comment letter on the *Pre-Design Activities Report* and *Feasibility Study Report Addendum*; and,
- Submitted *Summary Report on Surface Soil Sampling Activities* to NYSDEC/NYSDOH on December 27, 2013.

2. Summary of Findings Made During the Reporting Period

The following findings were made during the reporting period:

- Results of fourth quarter groundwater monitoring indicate that the detected types and distribution of contaminants are similar to those of previous sampling events.
- Results from surface soil sampling indicate that all surface soil data collected as part of that investigation are below industrial soil cleanup objectives.
- The *Corrective Measures Study* for the FNPD submitted to NYSDEC/NYSDOH on December 23, 2013 concluded that the recommended remedy for the FNPD includes continued operations of the GCTS, institutional controls, and monitored natural attenuation.

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 2013 Corrective Action Progress Report* and the *Summary Report for SSDS Pilot Test in Area of VMP-7A* 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

As reported by Lockheed Martin to NYSDEC by phone call on October 23, 2013, Lockheed Martin is in the process of procuring a new Performing Contractor to replace ARCADIS. Procurement is planned to be completed in January 2014. The new Performing Contractor will initially work with ARCADIS during a transition period before fully assuming the role in February 2014.

No additional 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 2014 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 first quarterly groundwater sampling event for 2014 in accordance with the draft *Interim Groundwater Monitoring Program*;
- Conduct the 2014 annual vapor intrusion monitoring event;
- Submit the *Annual 2013 Groundwater Monitoring Report* to NYSDEC/NYSDOH;
- Submit the annual Operations, Maintenance, and Monitoring Reports for the GCTS and SSDS for calendar year 2013 to NYSDEC/NYSDOH;
- Submit SSDS upgrade and testing summary report/as-built drawings and SSDS upgrade certification letter to NYSDEC/NYSDOH;

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- 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; and,
- Continue monthly project status calls with NYSDEC/NYSDOH.