



Infrastructure · Water · Environment · Buildings

ARCADIS of New York, Inc.  
855 Route 146  
Suite 210  
Clifton Park  
New York 12065  
Tel 518.250.7300  
Fax 518.250.7301

**Transmittal Letter**

To:  
Ms. Ruth Curley  
NYSDEC  
625 Broadway, 12<sup>th</sup> Floor  
Albany, NY 12233

Copies:  
Charles Trione, Lockheed Martin  
James Zigmont, CDM  
Peter Milionis, ARCADIS  
Greg Rys, NYSDOH  
Dale Truskett, Lockheed Martin  
Kay Armstrong, Armstrong & Assoc.  
Ginny Robbins, BS&K  
Rick Zigenfus, ConMed  
Glenda Smith, Lockheed Martin  
File

From:  
Lisa Collins

Date:  
July 23, 2012

Subject:  
2Q12 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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| <input type="checkbox"/> Prints        | <input type="checkbox"/> Samples | <input type="checkbox"/> Copy of Letter | <input checked="" type="checkbox"/> Reports |
| <input type="checkbox"/> Other: _____  |                                  |   |   |

Copies	Date	Description	Action*
1	7/23/12	Second 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

**Action\***

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| <input type="checkbox"/> A Approved                 | <input type="checkbox"/> CR Correct and Resubmit | <input type="checkbox"/> Resubmit _____ Copies |
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**Mailing Method**

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|---|--|---|---|
| <input checked="" type="checkbox"/> U.S. Postal Service 1 <sup>st</sup> Class | <input type="checkbox"/> Courier/Hand Delivery       | <input type="checkbox"/> FedEx Priority Overnight | <input type="checkbox"/> FedEx 2-Day Delivery |
| <input type="checkbox"/> Certified/Registered Mail                            | <input type="checkbox"/> United Parcel Service (UPS) | <input type="checkbox"/> FedEx Standard Overnight | <input type="checkbox"/> FedEx Economy        |
| <input checked="" type="checkbox"/> Other: <u>Email</u>                       |  |   |   |

**Comments:** \_\_\_\_\_  
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**Lockheed Martin Corporation**

**Second Quarter 2012  
Corrective Action Progress Report**

Order on Consent

Index Number: 6-20080321-5

Solvent Dock Area

Former Lockheed Martin Facility

Utica, New York

July 2012

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

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Jeffrey J. Bonsteel  
Associate Project Manager

A handwritten signature in blue ink, appearing to read "Peter Milionis".

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Peter Milionis  
Project Manager

**Second 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:  
ARCADIS of New York, Inc.  
855 Route 146  
Suite 210  
Clifton Park  
New York 12065  
Tel 518.250.7300  
Fax 518.250.7301

Our Ref.:  
NJ001026.0001

Date:  
July 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
WET	Whole Effluent Toxicity

## **Purpose**

On behalf of Lockheed Martin Corporation (Lockheed Martin), ARCADIS has prepared this *Second 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 second quarter of 2012 (April, May, and June 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);
- Submitted revised NY-2C form to NYSDEC Division of Water, including requested Whole Effluent Toxicity (WET) testing data, by the April 6, 2012 deadline;
- 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);
- Completed continuous vacuum monitoring for two weeks at VMP-6A and VMP-7A as part of SSDS effectiveness evaluation;
- Submitted the *Annual Vapor Intrusion Report for the Solvent Dock Area* to NYSDEC/NYSDOH on May 31, 2012;
- Submitted the *First 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;
- Completed injections as part of the enhanced reductive dechlorination (ERD) pilot test, as specified in the *Feasibility Study Report*;

- Continued groundwater monitoring associated with the ERD pilot test, as specified in the *Feasibility Study Report*;
- Finalized an arc flash study for the GCTS and SSDS, including appropriate safety labeling of electrical equipment;
- Completed quarterly groundwater sampling in accordance with the *Interim Groundwater Monitoring Program*;
- Submitted request for and received approval from NYSDEC for modification of data validation for quarterly groundwater sampling to validation of only annual groundwater sampling event data;
- Submitted second quarter 2012 groundwater sampling data (in tabular form) to NYSDEC for review; 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 are being 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 *First Quarter 2012 Corrective Action Progress Report* submitted to NYSDEC/NYSDOH has been added to the public repository (at the Utica Library).

Lockheed Martin met with ConMed on June 19, 2012 to discuss the results of the annual vapor intrusion sampling event, as well as the performance of the SSDS.

## **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 third 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 third quarterly groundwater sampling 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 and review data, as specified in the *Feasibility Study Report*;
- Complete on-site and off-site soil-vapor sampling and submit report on soil vapor monitoring at Former Northern Perimeter Ditch (after obtaining off-site access); and
- Continue monthly project status calls with NYSDEC/NYSDOH.