



Mr. Steven M. Scharf, P.E.  
Project Engineer  
New York State Department of Environmental Conservation (NYSDEC)  
Division of Environmental Remediation  
Remedial Action, Bureau A  
625 Broadway  
Albany, New York 12233-7015

Subject:  
May 2009 Monthly Progress Report,  
Northrop Grumman Systems Corporation,  
Operable Unit 3, NYSDEC Site ID # 1-30-003A, Bethpage, New York

Dear Steve:

In accordance with Section III of Administrative Order on Consent (AOC) Index # W1-0018-04-01, this letter reports the activities for Operable Unit 3 (OU3) performed by Northrop Grumman Systems Corporation (Northrop Grumman) during the month of May 2009; activities planned for June 2009 are also discussed. This report is the 38<sup>th</sup> OU3 monthly progress report since the AOC between Northrop Grumman and the New York State Department of Environmental Conservation (NYSDEC) was signed on June 24, 2005.

### **OU3 Activities Conducted During May 2009**

Activities performed this period include:

#### **On- and Off-Site RI/FS**

- Completed drilling/sampling of vertical profile boring (VPB) VP-118. Performed validation of VP-118 groundwater data.
- Completed installation of Monitoring Well MW-118-5
- Evaluated need for additional VPB(s). Initiated planning for installation of VP-119
- Continued evaluation of remedial investigation (RI) data and assessment of data gaps
- Continued preparation of the Site Area Focused Feasibility Study (FFS) Report

Imagine the result

ARCADIS  
Two Huntington Quadrangle  
Suite 1S10  
Melville  
New York 11747  
Tel 631.249.7600  
Fax 631.249.7610  
www.arcadis-us.com

ENVIRONMENT

Date:  
June 16, 2009

Contact:  
David Stern

Phone:  
631-391-5284

Email:  
David.Stern@arcadis-us.com

Our ref:  
NY001493.0909.00007

**Soil Gas IRM**

- Continued Operation, Maintenance, and Monitoring (OM&M) of the Soil Gas Interim Remedial Measure (IRM); next scheduled monitoring event June 2009
- Prepared March 2009 OM&M Report

**Groundwater IRM**

- Substantially completed remedial system construction
- Continued preparation of OM&M Manual
- Received and initiated validation of baseline groundwater sampling data
- Planned for remedial system one-hour pilot test, intermittent operation with shakedown/troubleshooting, and continuous operation. Performed 1-hour pilot test.

**Other**

- Prepared and submitted April 2009 AOC Monthly Progress Report

**OU3 Activities Expected During June 2009**

**On- and Off-Site RI/FS**

- Complete validation of VP-118 data.
- Continue preparation of Site Area FFS Report
- Complete planning for VP-119. Initiate mobilization to VP-119 location.
- Continue evaluation of RI data and assessment of data gaps

**Soil Gas IRM**

- Continue OM&M of the Soil Gas IRM; perform June 2009 monitoring event
- Submit March 2009 OM&M Report to NYSDEC

**Groundwater IRM**

- Review/address remedial system punch list items
- Preparation of OM&M Manual
- Complete validation of baseline groundwater sampling data

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- Plan and conduct remedial system intermittent operation with shutdown/troubleshooting, and initiate continuous operation.

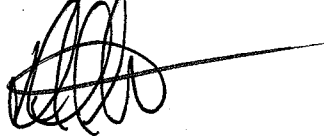
**Other**

- Prepare and submit May 2009 AOC Monthly Progress Report.

Feel free to call us if you have any questions.

Sincerely,

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David E. Stern  
Senior Scientist /Associate Project Manager

Copies:

C. San Giovanni, ARCADIS  
M. Wolfert, ARCADIS  
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J. Cofman, Northrop Grumman  
K. Smith, Northrop Grumman  
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