

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:

April 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 April 2009; activities planned for May 2009 are also discussed. This report is the 37th 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 April 2009

Activities performed this period include:

On- and Off-Site RI/FS

- Completed Monitoring Well MW-109.
- Initiated drilling/sampling of vertical profile boring (VPB) VP-118.
- Completed installation of dedicated sampling pump in Monitoring Well MW-117-5
- Continued evaluation of remedial investigation (RI) data and assessment of data gaps
- Completed Site Area Human Health Risk Assessment (HHRA) and submitted HHRA to NYSDEC and NYSDOH.
- Continued preparation of the Site Area Focused Feasibility Study (FFS) Report

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

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Date:
May 5, 2009

Contact:
David Stern

Phone:
631-391-5284

Email:
David.Stern@arcadis-us.com

Our ref:
NY001493.0909.00007

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Soil Gas IRM

- Continued Operation, Maintenance, and Monitoring (OM&M) of the Soil Gas Interim Remedial Measure (IRM); next scheduled monitoring event June 2009
- Received NYSDEC approval of OM&M Manual
- Submitted 2008 Annual OM&M Report to NYSDEC
- Prepared March 2009 OM&M Report

Groundwater IRM

- Continued development of startup testing plan.
- Prepared and received NYSDEC approval of Work Plan for the Baseline Groundwater Sampling Event. Completed baseline groundwater sampling
- Continued remedial system construction
- Planned for remedial system one-hour pilot test, intermittent operation with shakedown/troubleshooting, and continuous operation.

Other

- Prepared and submitted March 2009 AOC Monthly Progress Report

OU3 Activities Expected During May 2009

On- and Off-Site RI/FS

- Continue preparation of Site Area FFS Report
- Complete drilling and sampling of VP-118. Evaluated need for monitoring well at VP-118 location. Evaluate need for additional VPB(s).
- Continue evaluation of RI data and assessment of data gaps
- Receive and initiate validation of baseline groundwater sampling data

Soil Gas IRM

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

Groundwater IRM

- Continue development of startup plan.

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- Complete remedial system construction
- Plan and conduct remedial system one-hour pilot test, intermittent operation with shakedown/troubleshooting, and initiate continuous operation, contingent on NYSDEC approval and Nassau County Department of Public Works (NCDPW) approval for discharge.

Other

- Prepare and submit April 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

Enclosure

Copies:

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