



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:

December 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 Operable Unit 3 (OU3) activities performed by Northrop Grumman Systems Corporation (Northrop Grumman) during the month of December 2009. Activities planned for January 2010 are also discussed.

### **OU3 Activities Conducted During December 2009**

Activities performed this period include:

#### **On-Site and Off-Site Remedial Investigation/Feasibility Study (RI/FS)**

- Continued evaluating additional Site Area Focused Feasibility Study (FFS) Alternatives to address New York State Department of Environmental Conservation (NYSDEC) comments on draft FFS
- Conducted meeting to discuss findings of Study Area RI Report with Nassau County Department of Health
- Submitted the revised Supplemental to the Site Area RI Report to the NYSDEC

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ENVIRONMENT

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NY001496.0910.00007

**Soil Gas IRM**

- Continued Operation, Maintenance, and Monitoring (OM&M) of the Soil Gas Interim Remedial Measure (IRM)
- Completed Fourth Quarter Operation, Maintenance, and Management (OM&M) event
- Submitted the September 2009 Quarterly Report to NYSDEC
- Continued miscellaneous site work associated with completion of IRMs

**Groundwater IRM**

- Continued full scale OM&M of the Groundwater IRM
- Submitted Draft OM&M Manual to NYSDEC
- Completed semi-annual monitoring well sampling event
- Performed change-out of vapor potassium permanganate impregnated zeolite (PPZ) media
- Performed upgrade to bag filter system
- Prepared for and completed routine groundwater monitoring round

**Other**

- Submitted November 2009 AOC Monthly Progress Report to NYSDEC

**OU3 Activities Scheduled During January 2010****On-Site and Off-Site RI/FS**

- Continue evaluating additional Site Area FFS Alternatives to address NYSDEC comments

- Prepare for additional stakeholder meetings to discuss Study Area potential remedial alternatives

**Soil Gas IRM**

- Continue routine OM&M of the Soil Gas IRM
- Complete miscellaneous site work associated with completion of IRMs

**Groundwater IRM**

- Continue routine OM&M of the Groundwater IRM
- Submit OM&M report for July to October 2009 and baseline analysis report to NYSDEC

**Other**

- Submit December AOC Monthly Progress Report to NYSDEC

Feel free to call us if you have any questions.

Sincerely,

ARCADIS



David E. Stern  
Senior Scientist /Associate Project Manager

Copies:

J. Cofman, Northrop Grumman  
K. Smith, Northrop Grumman  
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