



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

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

ENVIRONMENT

Subject:  
October 2007 Monthly Progress Report,  
Northrop Grumman Systems Corporation,  
Operable Unit 3,  
NYSDEC Site ID # 1-30-003A,  
Bethpage, New York

Date:  
November 6, 2007

Contact:  
David Stern

Dear Steve:

Phone:  
631-391-5284

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 October 2007; activities planned for November 2007 are also discussed. This report is the 19<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.

Email:  
David.Stern@arcadis-us.com

Our ref:  
NY001464.0907.00003

#### **OU3 Activities Conducted During October 2007**

- Prepared and submitted the September 2007 AOC Monthly Progress Report.
- Continued coordination and planning for OU3 Interim Remedial Measures (IRMs), including:
  - Continued to coordinate with ARCADIS-Blasland, Bouck & Lee Environmental Services (ABBLES) for preparation for Soil Gas IRM construction.
  - Continued development of scope and quantitative analysis in support of Groundwater IRM.

Imagine the result

- Development of work scope and approach for aquifer testing in support of Groundwater IRM design.
- Requested and received approval from the Nassau County Department of Public Works (NCDPW) to dispose of Soil Gas IRM condensate water and Groundwater IRM aquifer test waters to the NCDPW sanitary sewer, located near the Site.
- Continued preparation of the Groundwater IRM Work Plan.
- Conducted OU3 Remedial Investigation (RI) and IRM field activities, including:
  - Completed drilling and installation of Soil Gas IRM depressurization and vacuum monitoring well network.
  - Completed abandonment of two piezometers, I97-PZ and O97-PZ. These piezometers were installed to assess the presence of perched water along the proposed Soil Gas IRM trench. Perched water was not detected and, to accommodate the installation of the Soil Gas IRM trench, the piezometers were abandoned following NYSDEC protocols.
  - Completed two phases of pre-characterization of soils along Soil Gas IRM trench.
  - Initiated mobilization for Soil Gas IRM construction. Monitor progress of off-site construction of Soil Gas IRM treatment building.
  - Completed analysis, transportation, and disposal of RI-related investigation-derived waste.
- Continued RI and IRM data review/evaluation, including:
  - Continued preparation of Site Area RI Report.
  - Continued to evaluate NYSDEC-obtained sub-slab/indoor air data collected near Site as part of overall RI data evaluation.

**OU3 Activities Expected During November 2007**

- Prepare and submit October 2007 Monthly Progress Report.
- RI data review/evaluation, as follows:
  - Prepare report of findings of soil pre-characterization along the Soil Gas IRM trench.

# ARCADIS

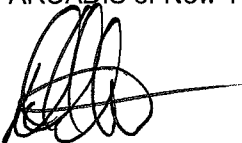
Mr. Steve Scharf  
NYSDEC  
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- Continue preparation of Site Area RI Report.
- Obtain and review final report from NYSDEC contractor related to NYSDEC-obtained sub-slab/indoor air data collected near Site.
- Conduct planning, implementation, and data review/evaluation for on-site IRMs as follows:
  - Continue Soil Gas IRM system construction.
  - Complete preparation of Groundwater IRM Work Plan and submit work plan to NYSDEC.

Feel free to call us if you have any questions.

Sincerely,

ARCADIS of New York, Inc.



David E. Stern  
Senior Scientist



Michael F. Wolfert  
Project Director

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