

Infrastructure, environment, facilities

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

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

ARCADIS U.S., Inc.

**ENVIRONMENT** 

#### Subject:

June 2008 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 June 2008; activities planned for July 2008 are also discussed. This report is the 27<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.

Date:

July 10, 2008

Contact:

David Stern

Phone:

631-391-5284

Email:

David.Stern@arcadis-us.com

Our ref:

NY001464.0908.00006

### **OU3 Activities Conducted During June 2008**

Activities performed this period include:

- Prepared and submitted the May 2008 AOC Monthly Progress Report.
- Conducted planning, implementation, and data review/evaluation for the OU3 RI/FS as follows:
  - Continued preparation of Site Area Focused Feasibility Study Report (FFS Report).
  - Reviewed NYSDEC comments on Site Area RI Report and prepared letter in response to comments.
  - Continued evaluation of VPB data and assessment of potential additional RI data gaps

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- Conducted planning, implementation, and data review/evaluation for on-site IRMs as follows:
  - Completed start-up testing/monitoring, balancing, and initiated routine operation and maintenance of Soil Gas IRM.
  - Continued to address punch list items and preparation of Soil Gas IRM as-built drawings.
  - o Initiated preparation of Soil Gas IRM startup report and OM&M Manual
  - Continued preparation of Final design/construction document for Groundwater IRM.
  - o Evaluated options to address biofouling of Groundwater IRM Well RW-2.
- Conducted RI/FS field activities including the following:
  - Began and continued drilling and hydropunch sampling of revised location off-site VPBs VP-114 and VP-115.

## **OU3 Activities Expected During July 2008**

- Prepare and submit June 2008 Monthly Progress Report.
- Conduct planning, implementation, and data review/evaluation for the OU3 RI/FS as follows:
  - o Continue preparation of Site Area FFS Report.
  - Complete letter in response to NYSDEC comments on the Site Area RI Report.
  - Complete drilling and hydropunch sampling of off-site VPBs VP-114 and VP-115.
  - o Begin drilling and hydropunch sampling of off-site VPB VP-110R.
  - Continue evaluation of VPB data and assessment of potential additional RI data gaps.
- Conduct planning, implementation, and data review/evaluation for on-site IRMs as follows:
  - o Continue to address punch list items for Soil Gas IRM.
  - Continue OM&M of the Soil Gas IRM.
  - o Continue preparation of Soil Gas IRM startup report and OM&M Manual.

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- o Continue preparation of Final design/construction document for Groundwater IRM.
- Collect additional data and continue to evaluate options to address biofouling of Well RW-2.

Feel free to call us if you have any questions.

Sincerely,

ARCADIS U.S., Inc.

David E. Stern

Associate Project Manager/Senior Scientist

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