

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

Subject:

November 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 November 2008; activities planned for December 2008 are also discussed. This report is the 32nd 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 November 2008

Activities performed this period include:

- Prepared and submitted October 2008 Monthly Progress Report.
- Conducted OU3 RI/FS activities, as follows:
 - Continued preparation of the Site Area Focused Feasibility Study (FFS) Report
 - Developed a list of FFS alternatives and a cost model for possible alternatives that will be used as a decision making tool
 - Began development of cost estimates for FFS conceptual designs
 - Continued initial risk analysis for exposure to soil in Bethpage Community Park greater than 2 feet below land surface
 - Began preparation of Site Area Human Health Risk Assessment (HHRA)
 - Continued evaluation of RI data and assessment of data gaps

Imagine the result

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ENVIRONMENT

Date:
December 16, 2008

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Our ref:
NY001464.0908.00006

- Performed site reconnaissance for off-site vertical profile borings (VPB) VP-117 and VP-118
- Prepared and distributed Community Participation Plan (CPP) documents for residents in the vicinity of VP-117
- Mobilized drill rig to be used for off-site VPB drilling to the staging area
- Performed utility mark-outs at VP-117
- Began to prepare the Supplement to the RI Report
- Began database queries to update the regional groundwater model
- Conducted on-site OU3 IRM activities, as follows:
 - Received verbal comments from NYSDEC on Soil Gas IRM Operation, Maintenance, and Monitoring (OM&M) Manual and July and August 2008 Monthly OM&M Reports
 - Continued preparation of Soil Gas IRM as-built drawings
 - Completed November 2008 Soil Gas IRM monthly OM&M event
 - Prepared September 2008 Soil Gas IRM Monthly OM&M Report
 - Prepared draft letter to NYSDEC for Soil Gas IRM modifications (removal of VPGAC) and reduction of monitoring frequency
 - Responded to system down alarm on November 15, 2008 due to wind related outages, system was restored on November 17.
 - Received and reviewed draft copy of revised OM&M Manual from MLEE
 - Coordinated with a vendor for waste profiling for VPGAC
 - Prepared and distributed CPP documents for residents near Park related to Groundwater IRM drilling and construction activities
 - Completed drilling of Groundwater IRM Recovery Well RW-1
 - Continue drilling of Groundwater IRM Recovery Wells RW-3, and RW-4

OU3 Activities Expected During December 2008

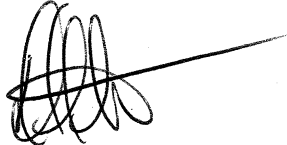
- Prepare and submit December 2008 Monthly Progress Report.
- Conduct OU3 RI/FS activities, as follows:
 - Continue preparation of Site Area FFS Report
 - Continue to develop a list of FFS alternatives and a cost model for the possible alternatives that will be used as a decision making tool
 - Continue preparation of Site Area HHRA

- Continue updates to the regional groundwater model with water district data
- Mobilize drill rig to VP-117 and begin groundwater sampling
- Continue to prepare the Supplement to the RI Report
- Continue to review off-site RI data and assessment of data gaps
- Conduct IRM activities, as follows:
 - Continue OM&M of the Soil Gas IRM
 - Continued preparation of Soil Gas IRM as-built drawings
 - Finalize September 2008 Soil Gas IRM Monthly OM&M Report
 - Sample VPGAC for profiling and finalize waste profile forms
 - Prepare and submit additional Soil Gas IRM air emission calculations to NYSDEC
 - Continue drilling and development of Groundwater IRM Recovery Wells RW-1, RW-3, and RW-4
 - Perform re-development activities to address bio-fouling of Groundwater IRM Well RW-2
 - Complete site reconnaissance for Groundwater IRM water quality wells that will be installed along Sycamore Avenue

Feel free to call us if you have any questions.

Sincerely,

ARCADIS



David E. Stern
Senior Scientist /Associate Project Manager

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