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Remedial Action, Bureau A
625 Broadway
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ENVIRONMENT

Subject:

December 2008 Monthly Progress Report,
Northrop Grumman Systems Corporation,
Operable Unit 3, NYSDEC Site ID # 1-30-003A, Bethpage, New York

Date:
January 12, 2009

Dear Steve:

Contact:
David Stern

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 December 2008; activities planned for January 2009 are also discussed. This report is the 33rd 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.

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Our ref:
NY001464.0908.00006

OU3 Activities Conducted During December 2008

Activities performed this period include:

- Prepared and submitted November 2008 Monthly Progress Report.
- Conducted OU3 RI/FS activities, as follows:
 - Continued preparation of the Site Area Focused Feasibility Study (FFS) Report
 - Continued development of a list of FFS alternatives and a cost model for possible alternatives that will be used as a decision making tool
 - Continued preparation of Site Area Human Health Risk Assessment (HHRA)
 - Continued evaluation of RI data and assessment of data gaps
 - Mobilized and initiated drilling and groundwater sampling of off-site vertical profile boring (VPB) VP-117.

Imagine the result

- Continued preparation of the Supplement to the Site Area RI Report
- Continued updates to the regional groundwater model
- Conducted on-site OU3 IRM activities, as follows:
 - Continued preparation of Soil Gas IRM as-built drawings
 - Completed October 2008 Soil Gas IRM monthly OM&M report and prepared November 2008 Soil Gas IRM monthly OM&M report
 - Completed December 2008 Soil Gas IRM monthly OM&M event
 - Received approval from NYSDEC for Soil Gas IRM modifications (removal of VPGAC) and reduction of monitoring frequency. Completed waste profiling of VPGAC. Implemented VPGAC removal and installation of permanent replacement ductwork and meters/gauges.
 - Completed development of Groundwater IRM Recovery Well RW-4. Completed drilling/installation of Groundwater IRM Recovery Wells RW-1 and RW-3
 - Implemented re-development of Groundwater IRM Recovery Well RW-2 to address biofouling
 - Initiated selection and/or ordering of selected Groundwater IRM system items
 - Prepared CPP documents for Groundwater IRM water quality wells to be installed along Sycamore Avenue

OU3 Activities Expected During January 2009

- Prepare and submit December 2008 Monthly Progress Report.
- Conduct OU3 RI/FS activities, as follows:
 - Continue preparation of Site Area FFS Report. Hold teleconference with NYSDEC on FFS progress.
 - 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
 - Complete preparation of Site Area HHRA and submit to NYSDEC
 - Continue updates to the regional groundwater model
 - Complete drilling and sampling of VP-117. Assess need for installation of permanent monitoring well and install if required.
 - Complete preparation of the Supplement to the Site Area RI Report and submit to NYSDEC

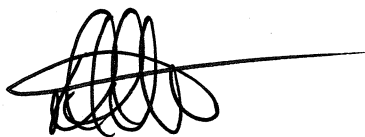
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- Continue to review off-site RI data and assess data gaps
- Continue to update regional groundwater model
- Conduct IRM activities, as follows:
 - Continue OM&M of the Soil Gas IRM; next scheduled monitoring event March 2009
 - Finalize preparation of Soil Gas IRM as-built drawings
 - Submit October 2008 Soil Gas IRM Monthly OM&M Report to NYSDEC.
 - Complete November 2008 Soil Gas IRM Monthly OM&M Report and prepare December 2008 Soil Gas IRM Monthly OM&M Report
 - Complete development of Groundwater IRM Recovery Wells RW-1 and RW-3
 - Complete re-development of Groundwater IRM Well RW-2 to address bio-fouling
 - Initiate drilling and installation of Groundwater IRM water quality wells to be installed along Sycamore Avenue
 - Continue selection and/or ordering of selected Groundwater IRM system items.
 - Mobilize for Groundwater IRM system construction.

Feel free to call us if you have any questions.

Sincerely,

ARCADIS



David E. Stern
Senior Scientist /Associate Project Manager

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