



Infrastructure, environment, facilities

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New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation
Remedial Action, Bureau A
625 Broadway
Albany, New York 12233-7015

Subject:

January 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 the activities for Operable Unit 3 (OU3) performed by Northrop Grumman Systems Corporation (Northrop Grumman) during the month of January 2009; activities planned for February 2009 are also discussed. This report is the 34th 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 January 2009

Activities performed this period include:

On- and Off-Site RI/FS

- Submitted Supplement to Site Area RI Report to NYSDEC
- Completed vertical profile boring (VPB) VP-117 drilling and groundwater sampling (final depth 784 feet below land surface [ft bls])
- Completed Monitoring Well MW-117 installation (screen zone 737-757 ft bls)
- Initiated demobilization from VP-117/ MW-117 location
- Held site meeting to reconfigure McKay Field staging area to allow Groundwater IRM construction activities
- Preparation for dedicated sampling pump installation at Monitoring Well MW-111-4
- Performed planning for VPB VP-118

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ENVIRONMENT

Date:
February 9, 2009

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Our ref:
NY001464.0909.00007

- Continued evaluation of remedial investigation (RI) data and assessment of data gaps
- Continued updates to the regional groundwater model
- Continued preparation of draft Human Health Risk Assessment (HHRA)
- Continued preparation of the Site Area Focused Feasibility Study (FFS) Report
- Continued to develop cost model for possible Site Area FFS alternatives to be used as a decision making tool
- Prepared for and attended monthly conference call with NYSDEC and New York State Department of Health (NYSDOH) on FFS

Soil Gas IRM

- Permanently removed temporary vapor phase granular activated carbon (VPGAC) unit and installed temporary bypass ductwork; ordered and received parts for permanent duct connection to existing stack; completed installation of permanent ductwork to stack and installed pipe supports
- Installed new manifold flow meters and rebalanced system based on new configuration (i.e., new flow meters and removal of VPGAC)
- Ordered and received temporary replacement fence for Plant 24 Access Road at IRM trench barrier
- Completed preparation of Record Drawings (As-Builts) and Operation, Maintenance, and Monitoring (OM&M) Manual; submitted Final Record Drawings and OM&M Manual to NYSDEC and NG
- Submitted October 2008 monthly OM&M report to NYSDEC
- Prepared November and December 2008 monthly OM&M reports

Groundwater IRM

- Completed pre-characterization soil sampling of IRM trench area
- Completed re-assessment of Recovery Well RW-2 yield and initiate additional re-development activities
- Received Town permit, mailed Community Participation Plan (CPP) documents and initiated installing off-site water quality wells
- Completed development of Recovery Wells RW-1 and RW-3

- Continued with selection and/or ordering of selected IRM system items (air stripper, emission control units (ECUs), major instrumentation, extraction well pumps, well vaults, and pitless adapters, pre-engineered building)
- Prepared additional State Pollution Discharge Elimination System (SPDES) information package
- Mobilized remedial system construction crew to the site, held project kick-off meeting with NG, sub-contractors, and NYSDEC and initiated remedial system construction

Other

- Prepared and submitted December 2008 AOC Monthly Progress Report

OU3 Activities Expected During February 2009

On- and Off-Site RI/FS

- 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
- Complete development of Monitoring Well MW-117 and demobilization from VPB VP-117 location; perform IDW characterization
- Initiate drilling and sampling of VP-118
- Continue to review off-site RI data and assess data gaps
- Complete update to regional groundwater model
- Continue evaluation of RI data and assessment of data gaps
- Install dedicated sampling pump in Monitoring Well MW-111-4

Soil Gas IRM

- Continue OM&M of the Soil Gas IRM; next scheduled monitoring event March 2009
- Complete November and December 2008 monthly OM&M reports

Groundwater IRM

- Complete re-development of Recovery Well RW-2 and re-evaluate well yield

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Mr. Steve Scharf
NYSDEC
February 9, 2009

- Complete drilling and installation of water quality wells to be installed along Sycamore Avenue
- Continue selection and/or ordering of selected system items
- Continue remedial system construction

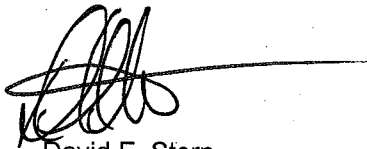
Other

- Prepare and submit February 2009 AOC Monthly Progress Report.

Feel free to call us if you have any questions.

Sincerely,

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David E. Stern
Senior Scientist /Associate Project Manager

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