



Infrastructure, environment, facilities

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Subject:

February 2007 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 February 2007; activities planned for March 2007 are also discussed. This report is the eleventh 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 February 2007

- Prepared and submitted the January 2007 AOC Monthly Progress Report.
- Continued coordination and planning for Phase 3 RI, including:
 - Attended Town of Oyster Bay (Town) bi-weekly meetings for soil IRM/redevelopment project. Reviewed available Town information toward overall RI and IRM planning.
 - Submitted modified specifications for deep off-site monitoring wells, piezometers, and soil borings to NYSDEC for informational purposes.
 - Continued scope/specification development for soil borings, monitoring wells, piezometers, and Cone Penetrometer (CPT) borings, per Phase 3 RI Work Plan.

Imagine the result

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ENVIRONMENT

Date:

March 13, 2007

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Our ref:

NY001464.0907.00003

- Continued coordination and planning for OU3 Interim Remedial Measures (IRMs), including:
 - Prepared and submitted the Soil Gas IRM Work Plan to NYSDEC.
 - Conducted planning and coordination for Soil Gas IRM Pneumatic Conductivity Test.
 - Conducted bidding and planned for Soil Gas IRM Pneumatic Conductivity Test well installation program.
 - Initiated preliminary scoping for Groundwater IRM.
- Conducted Phase 3 RI field activities, including:
 - Performed monthly groundwater monitoring of selected on-site monitoring wells and perched water piezometers.
 - Completed drilling and groundwater sampling of off-site vertical profile borings VP-109 and VP-110 using hollow-stem auger/temporary well methodology.
 - Drilled and sampled VOCs in seven soil borings in the Parking Lot to follow-up on previous Membrane Interface Probe (MIP) testing.
 - Initiated drilling, installation, and development of on-site monitoring wells, per the Phase 3 RI Work Plan.
 - Performed drilling and installation of on-site perched water piezometers, per the Phase 3 RI Work Plan, to follow-up on January 2007 cone penetrometer testing (CPT).
- Continued RI data review/evaluation, including:
 - Continued review and validation of analytical results for samples collected.
 - Continued analysis and evaluation (via EVS software and other) of soil (including grab samples and CPT/MIP data), soil gas, and groundwater data toward development of a revised conceptual site model (CSM).
 - Reviewed test pit findings and results of samples.
 - Continued to review RI data and determine the location of data gaps.
 - Continued to update figures and cross sections with latest data.

OU3 Activities Expected During March 2007

- Prepare and submit February 2007 Monthly Progress Report.
- Continue Phase 3 RI planning/coordination activities, including:
 - Continue to attend Town IRM progress meetings to work towards coordination of the Northrop Grumman OU3 RI and Town IRM activities.
 - Develop scope for soil borings in the Park ballfield to follow-up on test pit and MIP data.
- Continue Phase 3 RI field activities, including:
 - Continue monthly groundwater/perched water monitoring in on-site piezometers and selected wells.
 - Complete drilling of perched water piezometers and shallow on-site monitoring wells, per Phase 3 RI Work Plan.
 - Initiate drilling and sampling of on-site soil borings, per Phase 3 RI Work Plan.
 - Initiate drilling of off-site monitoring wells, per Phase 3 RI Work Plan.
- RI data review/evaluation, as follows:
 - Review and analyze findings from on-site test pits.
 - Continue evaluation (via EVS software) of soil, soil-gas, and groundwater data toward development of Phase 2 RI soil boring program, a revised CSM, assess data gaps, and support planning for IRM.
 - Continue to validate and tabulate analytical data received from laboratory toward preparation of RI Report.
 - Continue to prepare selected figures of analytical results and interpretations toward preparation of RI Report.
- Conduct planning for and implementation of on-site IRMs:
 - Receive and address NYSDEC comments on Soil Gas IRM Work Plan.
 - Initiate soil gas/groundwater testing, per the Soil Gas IRM Work Plan.
 - Initiate Soil Gas IRM Pneumatic Conductivity Test (PCT) well installation and conduct PCT.
 - Initiate development of preliminary design for Soil Gas IRM.

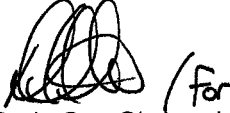
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Mr. Steve Scharf
NYSDEC
March 13, 2007

Feel free to call us if you have any questions.

Sincerely,

ARCADIS of New York, Inc.



Carlo San Giovanni
Project Manager

Enclosures

Copies:

M. Wolfert, ARCADIS

D. Stern, ARCADIS

File, ARCADIS

M. Hofgren, Dvirka & Bartilucci

L. Leskovjan, Northrop Grumman

J. Cofman, Northrop Grumman