

August 3, 2015

Steven M. Scharf
New York State Department of Environmental Conservation
625 Broadway
Albany, N.Y. 12233
Re: OU3 Site #1-30-003A July Project Status Report

Dear Mr. Scharf,

The following report summarizes the **Bethpage OU3 Site #1-30-003A** activities executed by or on behalf of Northrop Grumman Corporation for the period 6/28/15 through 7/31/15.

Residential Property Delineation (Phases 1 and 2)

- Several additional rounds of comments were submitted to Cardno between 7/6 and 7/14, and quickly addressed. The final Pre-Design report with associated tables and figures was electronically submitted to the NYSDEC and NYSDOH on 7/15/15.
- NYSDEC provided comments on 7/27. Cardno and NGC are in the process of incorporating those comments into the Pre-Design report, which will be delivered back to the NYSDEC on 8/5-6/15.
- NG is performing a remediation cost and project scheduling analysis (consideration for winter weather, school & holiday schedules.)

Bethpage Park VOC/PCB Sampling

- Another revision to the Ball Park volumetric estimates was provided to NG by ARCADIS on 7/8/15.
- Additional sampling (step out) was conducted for PCBs and Total Chromium on the Access Road (Work Plan approved by NYSDEC). The sampling data obtained under Cardno project will be incorporated in the Ball Field / Access Road reports and remedial studies.
- NG is trying to obtain additional remedial options w/costing for other technologies. (BIO test failed in lab do to a mishap and a revised study test would take 3-4 months for a report.)
- Revisions to the draft final report is in progress. NG is considering one document with separate front sections for VOCs, Metals and PCBs in the Ball Field, and a combined list of remedial alternatives in the rear section.
 - This first draft was submitted to EMAGIN for comments on 7/17/15.
 - Completed draft is expected to be delivered to NGC on 8/14/15.
 - Submittal to the state will be on or before September 15

Groundwater Hydraulic Effectiveness Evaluation

- An on-site meeting was held on 6/25/15 to review comments from the initial draft of the Pre-Design report. It was attended by ERM, HSW Engineering (Bill Lais) and NGC. The document comments, figures and tables were provided to ERM.
 - Additional rounds of comments and modifications by ERM took place from 6/26 through 7/16/15
 - ERM provided an updated report to NGC on 7/23/15
- Additional comments were submitted to ERM on 7/27/15 and again on 7/31/15. Comments were incorporated and the Final Pre-Design Report submitted to State on 7/31/15.

Groundwater Hot Spot Sampling

- Completed:
 - VP-4 (Lexington Ave)
 - VP-7 (Emma St.)
 - VP-11 (Broadway)
 - VP-9 (John/William)
 - VP-3 (Municipal parking lot)
- In progress:
 - VP-5 (Central Blvd and Romscho St.) – well development scheduled for completion 7/31/15.
 - VP-6 (Emma St and Park) – well development scheduled for completion 7/31/15.
 - VP-1 (NCDPW) – permits approved. Mobilization expected 7/30/15.
- Upcoming:
 - VP-2 (Nassau County/TOB lots at corner of Central Ave and Stewart) – Meeting on 7/21/15 with representatives from the County, Town, PAL, and NGC to discuss drilling at this site. All are in agreement about drilling schedule. Must go to TOB board meeting on 8/4. Tentative mobilization 8/5/15.
 - VP-12 (DOT ppty) – Permits approved. Drilling to commence after VP-1 is completed.
 - VP-8 (King Kullen) – King Kullen precedent setting demand for compensation. **NG will ask DEC for assistance in obtaining access.**
 - VP-10 (Contingency) – on hold pending GW quality review and outcome from other borings
- At the request of the NYSDEC, NG agreed to develop a 1,4 – Dioxane sampling plan. Technical concerns with which test method to use. (8260, 8270D SIM or 522). NG, Navy & WD's all use different methods. **(Is Oxy testing for 1,4 –D, what method?)**

Sincerely,

Edward J. Hannon
Manager ESH&M
Northrop Grumman