

H2M GROUP

fax

Holzmacher, McLendon & Murrell, P.C.
H2M Construction Management, Inc.
H2M Associates, Inc.
H2M Labs, Inc.

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TO: <u>STEVE SCHARF</u>	FROM: <u>PHIL SCHADE</u>
COMPANY: <u>NYSDEC</u>	RE: <u>BETHPAGE PARK</u>
DATE: <u>7-27-05</u> TIME: <u>14:20</u>	
FAX: <u>518 402 9627</u>	NO. PAGES (including cover sheet): <u>6</u>

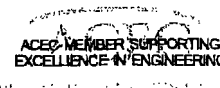
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Comments: PLEASE SEE ATTACHED STATUS REPORT.

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Site Name	<u>Northrop Grumman</u>	
Site #	<u>1-30-003A-003</u>	
County	<u>NASSAU</u>	
Town	<u>Oyster Bay</u>	
Billable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Please Write The eDOC File		
Name Description	<u>003 Progress - IRM</u>	

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July 18, 2005

Steven M. Scharf, P.E.
Project Engineer
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233 7015

Re: Town of Oyster Bay
Interim Remedial Measure at Bethpage Community Park
Interim Status Report
H2M Project No. TOBY 04-02

Dear Mr. Scharf:

On behalf of the Town of Oyster Bay, Holzmacher, McLendon & Murrell, P.C. (H2M) is pleased to provide herein a status report on the Interim Remedial Measure for the Bethpage Community Park pursuant to Section 6, III of the Order on Consent. An additional week was required to submit this status report as the groundwater well installation and sampling activity was completed on July 13, 2005.

Tasks Initiated or Completed

Summary

Subsequent to the New York State Department of Environmental Conservation (NYSDEC) approval of the Interim Remedial Measure Work Plan, dated May 2005, for the Bethpage Community Park Construction Area in Bethpage, NY (subject site), the remedial investigation field work was initiated. In summary, invasive drilling activities started on May 26, 2005 and continued through June 24, 2005. During this time frame, work was performed only on weekdays and between the hours of approximately 7:30 AM to 4:30 PM. All soil borings, surface and subsurface soil sampling, and soil gas sampling were completed. Three of the four proposed groundwater monitoring wells were completed by June 24, 2005. The final monitoring well, CAMW-1, was completed on June 27, 2005. Sampling of the groundwater monitoring wells was completed on July 13, 2005. The Bethpage Community Park reopened to the public on Saturday June 25, 2005. Some minor deviations to the Work Plan were required based on encountered field conditions. These included relocation or elimination of certain borings due to utility/piping interferences. These deviations were discussed in general with the Project Manager at NYSDEC. Due to the dense network of cooling pipes in the ice rink area, a total of four borings within the rink area were eliminated. Three others were moved laterally along an alphanumeric transect to the outside of the rink area.



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Direct-Push (Geoprobe®) Drilling

- Direct-Push drilling activities conducted between May 26, 2005 and June 24, 2005.
- Total of 103 geoprobe borings performed.
 - 100 borings to 10 feet
 - 3 borings to 20 feet
- Per Work Plan, all samples collected with a “macro-core” sampler and field screened.
- Analytical sampling performed in accordance with Work Plan Table 1, at a minimum. Additional samples collected for expanded list of parameters in areas with field observed contamination.

Deep Soil Borings

- Hollow-stem auger and split spoon sampling performed concurrently with direct-push drilling between May 26, 2005 and June 24, 2005.
- Total of 38 deep soil borings performed.
- All samples collected by split spoon sampling per Work Plan and field screened.
- Analytical sampling performed in accordance with Work Plan Table 1, at a minimum. Additional samples collected for expanded list of parameters in areas with noted contamination.

Soil Gas Survey

- Soil gas sampling performed between May 26, 2005 and June 24, 2005.
- Soil gas sampling performed in a total of 14 locations utilizing a direct-push drilling rig with a post run tubing set up.
 - 7 soil gas borings to 10'
 - 7 soil gas borings to 10' and groundwater interface.
- Soil gas samples collected via summa canisters for Volatile Organic Compounds (Target Compound List) by USEPA Method TO-15 and submitted to Severn Trent for analysis.
- Analytical data received July 14, 2005 and under review.

Monitoring Well Installation

- Four new monitoring wells installed. Three installed by June 24, 2005. One installed on June 27, 2005.
- Wells constructed per the Work Plan with 4-inch ID PVC flush-joint risers and 20 feet of 0.010 (#10) slot PVC well screen.
- Wells developed between June 27, 2005 and July 1, 2005.



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- Wells sampled, utilizing USEPA 540/S-95/504 Low-Flow Groundwater Sampling Procedure, on July 13, 2005.

Community Air Monitoring

- Real-time air monitoring performed during all drilling activities for volatile organic compounds and particulates.
- No emission exceedences noted during duration of field work.

Analytical Data

- Soil samples compiled in QA/QC laboratory data packages (i.e., Sample Delivery Groups (SDGs)). Maximum of 20 soil samples per SDG.
- Total of 45 SDGs generated. Designated as TOB001 through TOB0045 by H2M Labs, Inc.
- SDGs TOB001 through TOB0019 received. Data currently being compiled.
- SDGs TOB0020 through TOB0045 to be received by July 25, 2005.
- Groundwater sampling to be compiled as TOB0046 and received by July 29, 2005.

Tasks to be Completed During the Next Reporting Period

Tasks expected to be initiated or completed during the next reporting period include the following:

- Continued receipt and compilation of data.
- Submittal of data to validator.
- Report writing activity.

Schedule

Timing for completion of laboratory analysis and data validation were longer than anticipated and are expected to delay the Remedial Action Plan report submittal as follows:

- Data validation services are expected to be completed by mid September 2005.



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- It is currently anticipated that a Remedial Action Plan, including a compilation of the above-described site investigation activity, will be submitted to the NYSDEC by late September 2005.

If you should you have any questions, please feel free to contact me at (631) 756-8000 extension 1623.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

A handwritten signature in black ink, appearing to read 'P. Schade', written over a horizontal line.

Philip J. Schade, P.E.

cc: Richard Lenz, P.E., Commissioner of Public Works
Frank DeStefano, Commissioner of Parks
James Whelan/Town of Oyster Bay
Phyllis Barry / Town of Oyster Bay
Theodore W. Firetog, Esq.
Gary Litwin/ NYSDOH
Peter Scully/ NYSDEC
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