



## architects + engineers

538 Broad hollow Road, 4<sup>th</sup> Floor East  
Melville, NY 11747

tel 631.756.8000  
fax 631.393.6322

May 12, 2014

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

Re: Brownfield Cleanup Program Remedial Investigation  
Bethpage Community Park Ice Rink Area – NYSDEC Site No.: C130212  
Progress Report – May 2014

Dear Mr. Scharf:

On behalf of the Town of Oyster Bay, H2M architects + engineers (H2M) is pleased to provide herein a progress report on the remedial investigation activity at the Bethpage Community Park Ice Rink Area pursuant to Appendix A, Section XI of the New York State Brownfield Site Cleanup Agreement (Index # C130212-01-12).

### **Tasks Initiated or Completed**

Tasks recently initiated or completed include the following:

- Temporary well point data was compiled and reviewed for permanent well screen depth selection.
- On May 1 and 2, 2014, three (3) permanent groundwater monitoring wells were installed in accordance with the approved project work plan. The wells included RI-MW-01 through RI-MW-03. These wells were installed at previously sampled temporary groundwater monitoring points RI-TW-01 through RI-TW-03, respectively. Monitoring well RI-MW-01 was installed to a depth of 60 feet below grade surface (bgs) with 10 foot of screening (50' bgs to 60' bgs). Monitoring well RI-MW-02 was installed to a depth of 67 feet below grade surface (bgs) with 5 foot of screening (62' bgs to 67' bgs). Monitoring well RI-MW-03 was installed to a depth of 60 feet below grade surface (bgs) with 10 foot of screening (50' bgs to 60' bgs).
- Request was made to Northrop Grumman to utilize existing well BCPMW-6-1 instead of installing an additional permanent monitoring well on the Northrop Grumman Access Road. Temporary monitoring well point RI-TW-04 was located on the Northrop Grumman Access Road, between Northrop Grumman's groundwater IRM extraction wells RW3 and RW4. The highest Freon-22 concentration (210 ug/l) from RI-TMW-04 was detected in the groundwater sample obtained from a depth of 95' bgs. Having reviewed recent Northrop Grumman groundwater monitoring reports, it is apparent that Northrop Grumman maintains existing monitoring well BCPMW-6-1 near to this location. Well BCPMW-6-1 also happens to be screened at the proper depth for purposes of this RI.
- Following installation, the newly installed wells, as well as four (4) 200-series Grumman wells, were developed in accordance with the approved work plan for the project.
- A total of 10 investigations derived waste (IDW) drums, including development water and soil cuttings, were generated and temporarily stored onsite.

**Tasks to be Completed or Initiated During the Next Reporting Period**

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

- Sampling of groundwater from three (3) newly installed wells, four (4) existing Northrop Grumman's 200-series wells and, if approved, Northrop Grumman's BCPMW-6-1 well.

**Schedule**

Schedule milestones related to the next reporting period are as follows:

- Completion of all field related activities associated with the RIWP.
- Removal and off-site disposal of IDW drums.

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

Very truly yours,

**H2M architects + engineers**



Philip J. Schade, P.E.  
Vice President

cc: Richard Betz, Commissioner of Public Works/Town of Oyster Bay  
Matt Russo, Town of Oyster Bay  
John Ellsworth, Cashin Spinelli & Ferretti  
Steve Karpinski, NYSDOH  
Rosalie Rusinko, Esq., NYSDEC  
Terry Clark, Superintendent of Schools, Bethpage School District  
Hardik Parekh, P.E., H2M