

**TOWN OF OYSTER BAY**

**SOIL REMEDIATION AT BETHPAGE COMMUNITY PARK**

**CONTRACT NO. DP06-931**

**MINUTES OF MEETING #8**

**MEETING DATE:** February 7, 2007 at 2:00 P.M.

**LOCATION:** Site Trailer  
Bethpage Community Park  
Bethpage, NY

**SUBJECT:** Project Construction Progress Meeting No. 8

<u>ATTENDEES</u>	<u>REPRESENTING</u>	<u>ORGANIZATION</u>
<u>Matt Russo</u>	<u>Owner</u>	<u>Town of Oyster Bay</u>
<u>Steve Scharf (via telephone)</u>	<u>NYSDEC</u>	<u>NYSDEC</u>
<u>Mike Cavanagh</u>	<u>NYSDEC</u>	<u>NYSDEC</u>
<u>Paul Lageraaen</u>	<u>Engineer</u>	<u>H2M</u>
<u>Tom Carrihill</u>	<u>Engineer</u>	<u>H2M</u>
<u>Anthony Schneider</u>	<u>Contractor</u>	<u>BlueWater Environmental (BWE)</u>
<u>Tom Spatafora</u>	<u>Contractor</u>	<u>BWE</u>
<u>Carlo SanGiovanni</u>	<u>Northrop Grumman</u>	<u>Arcadis</u>

Minutes Prepared By: P. Lageraaen

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**SUMMARY OF CONTRACT COMPLETION PERIOD**

Contract Start Date	November 15, 2006
Total Contract Days	240
Contract Completion Date	July 12, 2007
Total Contract Days Elapsed	84
Contract Days Remaining	156

**1. Review of Meeting #7 Minutes**

S. Scharf reported on the discussion during Meeting 7 regarding a site walkthrough prior to the week 7 meeting where S. Scharf identified wooden blocks in the debris pile that were consistent with blocks used at Grumman Plant 3. S. Scharf stated that the blocks were also consistent with blocks used at Plants 1 and 2.

S. Scharf reported that there was a brief discussion regarding soil vapor during the previous meeting that was not reflected within the minutes. However, S. Scharf said to finalize the meeting 7 minutes as-is without revision.

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No other comments were received. Meeting 7 minutes were approved without amendment.

**2. Work Completed Since Previous Meeting**

As of 1/26/2007, the excavation summary is as follows:

<u>Item</u>	<u>Load Weight (tons)</u>
Totals to Date	99,347.62
RCRA Non-hazardous	83,234.89
Non-TSCA Regulated (PCB >5, <50)	16,112.73

BWE reported that approximately 23,000 tons of backfill has been placed in the north field (i.e., northern portion of the Park). This backfill has been sourced from Jericho and Pinelawn. BWE estimates that approximately 20,000 tons additional backfill are needed for the north field. The backfilling operation has been halted due to the cold weather and cold/frozen soil.

Anthony Schneider and Paul Lageraaen reported that they were working together to prepare volume and cost estimates for disposal of the debris. Rather than dispose of the debris under one of the existing contract pay items, a change order will be prepared for a more cost effective disposal option. A potential disposal facility includes a RCRA subtitle D landfill in PA.

Following on the discussion of debris, S. Scharf requested that Arcadis and H2M exchange information and data on debris and soil vapor. H2M and Arcadis agreed to forward available data to the NYSDEC in a timely manner.

Carlo SanGiovanni inquired whether the western portion of the Park near the recharge basin has been backfilled. BWE reported that the top five feet of soil has been excavated in this area but further excavation is required. Much of this area requires a 20-foot excavation in accordance with the RAP. BWE stated that no backfilling has occurred in this area yet.

**3. Work Planned for the Next Two Weeks**

BWE reported:

- Continue backfilling, weather permitting.
- Continue excavation in Contract Area 1 in the western portion of the Park near the recharge basin, weather permitting.

**4. Schedule**

BWE reported that the overall project is currently on-target but the schedule is dependent on finalizing the debris disposal facility, completing a change order and the disposal facility acceptance rate (i.e., tons of debris that can be accepted by the disposal facility per day).

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**5. Community Air Monitoring Program (CAMP)**

H2M reported that in the past two weeks, there was one work stoppage. On Monday 2/5/07, the lower response level was reached for particulates at one monitoring station. Site activity was immediately halted. The lower CAMP response level is used as a trigger for implementing dust suppression but does not necessitate a work stoppage.

H2M reported that Phil Schade (from H2M) and Matt Russo met with the Bethpage School District and faculty on Monday February 5, 2007 to address a dust concern from a faculty member and provide a project update and overview of the CAMP program. There were no further issues following the meeting.

**6. Backfill**

BWE reported that backfilling has been initiated in the northern portion of the Park. Approximately 3,000 tons of backfill has been sourced from the Jericho location and 20,000 tons from Pinelawn.

Paul Lageraen reported that H2M has sampled the remaining half of the Pinelawn soil stockpile in accordance with the previously DEC-approved sampling plan. BWE has reported that additional soils will be required from the Pinelawn location due to difficulties with physically reaching the previously sampled and NYSDEC-approved stockpile in Edgewood (aka Pilgrim/Heartland).

To ensure sufficient fill availability, BWE reported that a request may also be made to use backfill from the 110 Sand mining operation on Spagnoli Road in Melville.

**7. Coordination Issues**

S. Scharf reported on discussions between the DEC and Arcadis regarding additional Park investigation work, the IRM for soil vapor extraction to the south of the Park, and an IRM for groundwater as it leaves the site. The groundwater IRM has not been proposed to the DEC yet but Arcadis is working on it. Arcadis is also planning some additional cone penetrometer studies for perched water that would involve sampling in some transects from northwest to southeast across the Park.

Carlo SanGiovanni reported that Arcadis is trying to complete the on-site and off-site Remedial Investigation this year. D&B, on behalf of NGC, is working on a shallow soil sampling plan to be issued to the DEC soon. Arcadis is working on deeper soils in the B-43 area, monument area and Area 1 by the basketball courts (west side of Park near recharge basin). Arcadis would like to conduct continuous sampling from 20 to 50 feet below grade in a transect across the northern parking lot area.

Regarding the Arcadis sampling, S. Scharf reported that it is the DEC's goal to have NGC complete their sampling prior to the Town repaving the parking lot. S. Scharf suggested that it

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ma be possible for Arcadis to work in the excavated area considering they will not be sampling in the top 10 feet of soil, which the Town will have excavated. S. Scharf has had preliminary discussions with Arcadis regarding possible site remedies. One possibility is a vapor recovery/soil vapor extraction (SVE) system that would require pipes to be buried. S. Scharf inquired about the contract between the Town and BWE and whether it included new drainage. M. Russo stated that the contract with BWE is for the remediation only. The Town will issue a new contract for site reconstruction.

S. Scharf requested good coordination between all parties to work around the Town's plans for excavation and new construction. P. Lageraen added that attempts will be made to accommodate any approved and necessary site investigative work by Arcadis or D&B in the Construction Area but timing is critical for coordination. Carlo SanGiovanni stated that, if the Town is currently hindered by cold weather, Arcadis can perform the planned sampling now. Arcadis plans to submit their work plan to the DEC shortly.

S. Scharf stated that a public forum regarding the Park remedial investigation is overdue. The DEC will discuss this with Arcadis.

Mike Cavanagh inquired whether the Town has provided any information to the public about the debris that has been identified during the remedial excavation. M. Russo stated that nothing has been released so far but the Town's Public Information will consider an information release after all details regarding the excavation, transportation and disposal of the debris have been finalized.

S. Scharf stated that debris was expected during the remedial excavation but not to the extent identified. P. Lageraen reported that the boring logs from the Town's IRM remedial investigation indicated debris but soil borings utilizing direct-push or hollow-stem auger drilling methods can not provide an indication of the overall size of the debris.

## **8. Other Items**

The Arcadis piezometer well located in the Construction Area was discussed. The well is situated in the cut-back/slope area around the planned 20-foot excavation near the recharge basin (i.e., Contract Area 1). Following the last progress meeting, the DEC and H2M visually inspected the well. H2M recommended that the well be abandoned and properly grouted so as to avoid any accidental damage to the well or introduction of contaminated soils into the well. The DEC requested that the well remain in place and the Town excavate around the well.

## **9. Next Meeting**

The next progress meeting will be in two weeks; Wednesday, February 21, 2007 at 2:00 PM at the site.

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**DISTRIBUTION**

All Attendees

Steve Scharf, P.E., NYSDEC

Theodore Firetog, Esq.

Leonard Genova, Deputy Supervisor, Town of Oyster Bay

James Byrne, P.E., Commissioner, Department of Public Works, Town of Oyster Bay

Richard Betz, Commissioner, Department of Parks, Town of Oyster Bay

Andrew Rothstein, Dir. of Operations, Town of Oyster Bay

Phyllis Barry, Public Information Officer, Town of Oyster Bay

Richard Humann, P.E., H2M

Philip Schade, P.E., H2M