

## **GM-38 Progress Meeting No. 10 on January 21, 2009**

An on-site meeting was conducted at 10:30 a.m. eastern.

### **Attendees:**

Navy Greg Pearman  
Navy Chris Shukis  
Town of Oyster Bay Rich Pfaender  
NYSDEC Steve Scharf (via phone)  
ECOR Al Taormina  
TtEC PM Stavros Patselas  
TtEC Construction Superintendent Ed Urbanek  
TtEC Quality Control and Health and Safety Joseph Gray

The building subcontractor, Merrick Utility Association (MUA) of Farmingdale, NY continues to erect the building. Wall panels are installed on three sides of building. The goal is to have the building roof on by end of January with trim and accessories to be installed in February, however this is weather dependant. Potable water and sanitary sewer have been installed into building and extend away from building to the north. Steel grating for the center sump has been delivered.

The mechanical subcontractor, WHM Plumbing and Heating (WHM) of East Setauket, NY completed installation of HDPE piping from the treatment building to RW-1 / IW-1 and from the treatment building past RW-2 and up to the Broadway sidewalk. The RW-3 road crossing will be done in the spring to allow for permanent restoration rather than a temporary over the winter. Pressure testing of HDPE piping occurs prior to completion of backfilling. Precast concrete well vaults with doors have arrived and installed at IW-1, RW-1, and RW-2. The electrical subcontractor needs to complete installation of power and signal conduits as well electrical pull boxes in the process trenches above the HDPE piping.

No change in status of the drilling subcontract was issued to Delta Well & Pump of Ronkonkoma, NY and ROW permits from town received, however mobilization will be postponed until Spring 2009 to allow time to evaluate up-gradient groundwater data and any impact (if any) to the GM38 groundwater system.

No change in status of potable water line connection on BWD property. TtEC is in process of preparing application for potable water connection on Bethpage Water District property at Sophia St. The application will be submitted to BWD consultant, who will then forward to Nassau County Health Department. A deposit for cost of design and construction of connection was submitted to BWD on December 18, 2008.

No change in status of request for discharge into TOB storm water manhole. TtEC received permission from Nassau County Department of Public Works (NCDPW) to discharge treated effluent into a recharge basin located on western side of Broadway Ave from the construction entrance. TtEC requested permission from Town of Oyster Bay to discharge into a storm water manhole located in utility easement between dead ends of North and South Herman Avenue. Drainage plans are not available from both county and town. The manhole is likely owned by TOB and has discussed permission requirements with TOB drainage department.

TtEC is to submit proposed plan and details.

TtEC has received air permit documents from NYSDEC to use in preparation of air permit application for the GM-38 system. TtEC is to start preparation of the operation and maintenance manual, which will include data on all equipment, instrumentation, etc.

Upcoming events include complete installation of building wall panels (interior, insulation, and exterior) and roof panels, resume installation of electrical conduits in the process trench, and continue backfill and compaction of exterior process pipe into the recovery wells. A crane will be used on January 20, 2009 to load the roof panels (five bundles) onto the roof. Navy Chris Shukis requests TtEC contact Bob Zambrano to schedule a crane inspector for the lift. Navy's Chris Shukis is unavailable to inspect on this date. Navy's pre-lift inspection checklist (P-1 and P-2) and TtEC crane activities documentation will be completed and reviewed prior to crane operations.

A rigging incident occurred on December 17, 2008 during installation of a steel beam for the mezzanine. There were no injuries. A steel beam dropped 10 feet to the concrete floor when made contact with another beam. TtEC investigation determined that a tag line was not used. Navy incident documentation has been completed and submitted. TOB's Rich Pfaender requests to receive the incident documentation to review, since the TOB is the property owner. TOB, the property owner, is to be notified of all future incidents at the same time as project owner, the Navy.

No significant vandalism has occurred since site security started prior to Halloween. Based on observations documented by site security personnel, their presence has deterred incidents.

The required project documentation (such as daily reports, QC inspection reports, etc.) is provided to Navy's Greg Pearman. Monthly report with updated schedule is also distributed to Progress Meeting attendees after the end of each month.

TtEC will summarize meeting and distribute meeting notes prior to the next progress meeting scheduled for Wednesday, February 4, 2009 at 11:00 a.m. A conference call in number will be established for those who cannot attend in person.



01.27.2009



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