

GM-38 Progress Meeting No. 14 on March 18, 2009

An on-site meeting was conducted at 11:00 a.m. eastern.

Attendees:

Navy Chris Shukis
NYSDEC Steve Scharf (via phone)
ECOR Al Taormina
Town of Oyster Bay Rich Pfaender
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 work on preliminary building punch list items. Complete painting the interior of office / control room. Continue prime and paint door frames and mezzanine steel columns / beams. Completed install of three dry wells and stormwater inlet located to north of building area. Install and backfill roof drain piping and connect into center drywell. Cut around the building to establish building subgrade in preparation for geo-fabric and stone layers.

The mechanical subcontractor, WHM Plumbing and Heating (WHM) of East Setauket, NY receive delivery of pipe materials, fittings, and valves. Anchored treatment system equipment into position and begin piping between EQ tank and air stripper pumps (P-3A/B) pads. Begin installation of copper line along interior wall perimeter for potable water service inside plant. Finish plumbing inside the bathroom in preparation to install fixtures and shower.

Electrical contractor, JVR Electric (JVR) of Medford, NY near complete on setting MCC cabinets into place inside the control room and continues working inside buckets. The PLC was set inside the control room. Continue to install conduits for plant lights, heaters, and fire/smoke alarms.

No change in status of the drilling mobilization. However the driller Delta Well & Pump of Ronkonkoma, NY will move the week of March 23, 2009 to prepare RW-1 and IW-1 for use by surge and pump techniques in order to remove biological build-up on well screens and solids build-up at well bottom. TtEC continues evaluating up-gradient groundwater data received on or about February 18, 2009 from Grumman / Arcadis investigation to determine any impact (if any) to the GM38 groundwater system. TtEC began groundwater modeling tasks (instead of Arcadis) but results will not be available until April. Plant start-up will proceed with RW-1. TtEC will issue technical memorandum on groundwater modeling approach for review by Navy and then to NYSDEC.

BWD recently requested a cooperative effort with Navy to provide potable water from North Herman Ave. On February 25, 2009 TtEC submitted to H2M (BWD consultant) the costs accrued by Navy / TtEC to date for easement preparation at Sophia St. connection location. This is now a priority to resolve because potable water needs to be used during plant start-up and shakedown. Back-up plan is to use closest fire hydrant or to truck potable water in. Anticipate needing 40,000 gallons of water for plant start-up. H2M in process of designing pipe install requirements for N. Herman Ave. The intent is to use

MUA, however sole source justification requirements must be satisfied in order to forego the public bid process. The necessity for plant to have installed potable water service prior to start-up was discussed. NYSDEC's Steve Scharf will call H2M to discuss status and express urgency to complete this work.

Received approval from TOB by letter dated March 5, 2009 to discharge treated groundwater into a manhole, whose piping conveys water into a recharge basin. TtEC already 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 and south of Arthur Avenue. TtEC submitted a draft letter to NCDPW request NCDPW to decrease or eliminate discharge fees.

No change on status of air permit. TtEC is also to start preparation of the operation and maintenance manual, which will include data on all equipment, instrumentation, etc. An EPA form was provided by NYSDEC for completion and submittal regarding the injection well. TtEC to submit letter to NYSDEC for modification to SPDES to reflect discharge into one injection well and into recharge basin. The SPDES permit currently does not have an iron effluent limit.

Upcoming events include continue completion of building punch list items, drywall/paint the bathroom, interior electrical (finish MCC preparation, continue install conduits for lights, heaters, and fire/smoke alarms), interior mechanical (piping between treatment system equipment), and establish building subgrade. The scheduling of the Broadway Road crossing was discussed. This work will likely require closing Broadway during the day. TOB's Rich Pfaender informs to check on bus route and school schedule for Plainedge School District. This work should not impact the bus routes so need to schedule during spring break or once school year is complete. TtEC to coordinate this work with TOB's Sal Cecere.

At least one additional crane activity is identified but schedule is currently unknown until the fabrication of the air stripper header is complete. TtEC intends to contact Bob Zambrano to schedule a Navy Crane Inspector to be present for the crane lift; however ROICC Greg Pearman's inspector training should be completed in time. The P-2 form is to be completed by Navy for crane activities as part of pre-lift inspection checklist process.

Site security was increased to include the entire weekends after evidence of trespassing was observed during the weekend days. Based on previous incidents it is apparent that there are person or persons in the immediate surrounding area that are aware of site work hours and site security hours and may have criminal intent. The building doors are locked at end of each work day. Navy provided door locks with keys was discussed. The permanent fence is to be installed prior to the expiration of site security services at the end of April 2009. TOB code does not allow barbed wire. Current height of fence is 8 feet with privacy guards but will look into cost impact to install 10 feet. Long term site security is major concern and plan of action must be determined prior to expiration of site security services. The response plan to all plant alarms including security needs to be established. There is an increase in gang activities in the surrounding area but not necessarily in Bethpage. Gangs are using graffiti to "tag" their turf with gang symbols. Graffiti is not permitted in TOB and must be removed immediately. The building exterior

especially the eastern side along Route 135 provides a target. Site security cameras are not part of installation but TtEC will research cost and effectiveness as well as consider fake cameras.

Due to recent changes to TOB departments, Gary Blanchard is now assigned to this project and will not continue inspections. However, TtEC confirmed that Gary Blanchard will require a letter from TtEC documenting that the building was constructed in accordance to plan and code as well as a copy of underwriters certificate for electrical. The letter will be signed TtEC PM as well signed /sealed by Project Engineer. The underwriter's letter will be provided by certified third party electrical inspector and will not be available until final inspection is complete.

The required project documentation (such as daily reports, QC inspection reports, etc.) continues to be provided to Navy's Greg Pearman. Monthly report with updated schedule is also distributed to Progress Meeting attendees after the end of each month. Navy's Greg Shukis informs that a "redzone meeting" will occur at approximately 80% project completion. He will send TtEC a redzone checklist and a project turnover checklist.

TtEC will summarize meeting and distribute meeting notes prior to the next progress meeting scheduled for Wednesday, April 1, 2009 at 11:00 a.m. A conference call in number will be established for those who cannot attend in person.





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or open doors.
Always use proper
lockout/tagout
procedures.
See the back of the
panel for more
information.

WARNING
Do not touch live parts
or open doors.
Always use proper
lockout/tagout
procedures.
See the back of the
panel for more
information.

