

GM-38 Progress Meeting No. 18 on May 12, 2009

An on-site meeting was conducted at 2:00 p.m. eastern.

Attendees:

Navy Chris Shukis, Mech / Elec Supervisory Engineer
Navy Greg Pearman, ROICC
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
TtEC System Start-up Supervisor Rich Goldbeck

The building subcontractor, Merrick Utility Association (MUA) of Farmingdale, NY began importing stone for the gravel parking area around the building. The subgrade will be rolled, filter fabric will be installed and gravel will be placed and rolled. Installation of the permanent fence and entrance gates around the treatment building will continue after all the stone is placed around the treatment building. The permanent access road will not be completed until the excess soil piles have been removed from the site. The fencing will be completed prior to the expiration of site security service at the end of May 2009. The handrails for the mezzanine and air stripper sump perimeter as well as two mezzanine ladders have been installed but some require touch up painting.

Work anticipated by MUA over the next two week period includes:

Installation of the ceiling mounted HVAC units in the control room, installation of fence fabric and privacy slats, completion of control room bathroom and installation of the potable water line from it's current location to the dead end of North Herman Road, and installation of the drop pipe in the sanitary sewer manhole. Planting of white pine trees will also be initiated.

The mechanical subcontractor, WHM Plumbing and Heating (WHM) of East Setauket, NY is finishing the western side of Broadway utility crossing. The HDPE piping and power and control conduits to RW-3 are installed in anticipation of the installation of RW-3 in the near future. A 10-inch diameter HDPE discharge pipe has been installed as a contingency in case there are any future problems with the currently approved discharge into the TOB storm sewer manhole. Approximately 98% percent of the liquid phase piping is complete and WHM will begin working on the vapor phase ductwork next.

Work anticipated by WHM over the next two week period includes:

Restoration of the curbs and sidewalks along Broadway, installation of bollards around the vaults for RW-1, RW-2, and IW-1, installation of the mixer shaft and transducer in the equalization tank, installation of pump into RW-1, and delivery of the stripper tower header piece.

Electrical contractor, JVR Electric (JVR) of Medford, NY continued work on the electrical and instrumentation systems in the treatment building. Lighting and emergency exits signs have been completed. The protective bollards have been

installed around the 500kVA transformer and will be concreted into place tomorrow. The conduit for most instrumentation have been installed. It is anticipated the transformer will be energized prior to the next progress meeting or about 2 weeks.

NO CHANGE: Drilling mobilization is still to be determined. The driller Delta Well & Pump of Ronkonkoma, NY completed preparation of RW-1 and IW-1 for operations. RW-2 was not cleaned. TtEC continues groundwater modeling tasks (instead of Arcadis) toward determination of RW-3 well design including depth and screened interval. TtEC is keeping Delta informed with respect to progress and a mid-June timeframe is anticipated to begin the drilling program. It is anticipated the RW-3 proposed well construction will be submitted to the Navy in a technical memo by the end of the week of May 12, 2009. The RW-3 technical memo will be forwarded to NYSDEC after Navy review and acceptance. TtEC previously submitted a technical memo on groundwater modeling approach to Navy and then NYSDEC, whose review is not complete but preliminary review indicated approach is valid.

BWD issued Notice of Award of the N. Herman Ave. water main installation to MUA, a current GM-38 contractor. MUA has submitted bonds and road opening permit application to TOB but a contract is not executed. MUA and BWD are currently resolving issues related insurance coverage. Today TtEC is delivering a check to BWD related to Navy shared costs of the water service from N. Herman Ave.

Installation of this water main is a priority because approximately 40,000 gallons of potable water is needed for plant start-up and shakedown. Additionally, pressurized water is needed for the eye wash station and shower. Back-up plan is to use closest fire hydrant or to truck in potable water. Portable eye wash stations may be used in lieu of permanent eye wash stations until the water main is connected. The status of RW-2 operation has not changed in that it will not be used until treatment system begins and maintains operation while groundwater data collected.

NO CHANGE: TtEC submitted a letter request NCDPW to decrease or eliminate discharge fees into the county stormwater basin. Letter includes basis for request including contractor clean-up of basin prior to discharge and last year's property transfer. TtEC will follow up with NCDPW's Jerry Ennis regarding the request letter. TtEC also needs to confirm if there are any contractor requirements such as bonds, insurance, etc. related to entering the basin to scarify the bottom of the basin.

The air permit application was submitted to Navy and Navy has determined an owner signature will not be provided. The permit application was submitted to NYSDEC Steve Scharf on April 30, 2009.

NO CHANGE: TtEC will prepare a letter to clarify the SPDES permit primary discharge of the plant will be to the NCDPW basin located west of Broadway and secondary discharge will be to IW-1.

NO CHANGE: Site security services will be increased thru end of May 2009. Long term site security is a 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 and incorporated into the O&M manual. Site security cameras are not part of installation but TtEC will research cost, effectiveness, and various options. Discuss the number of padlocks necessary and the install of lock box at the main gate. The lock box could be accessed by local police and fire in the event of plant emergency and contain gate and door keys, MSDS, and plant layout drawing.

NO CHANGE: TOB's Gary Blanchard is now assigned to this project and will not perform regularly scheduled TOB inspections as was initially set-up with TOB's Tim Zike at the construction kick-off meeting. TtEC will provide a letter documenting that the building was constructed in accordance to plan and code as well as a copy of underwriters certificate for electrical. 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 Chris Shukis and / or Greg Pearman are to review w/ TtEC the redzone checklist (80% construction complete) and project turnover checklist prior to the next progress meeting. Some items on both lists are not applicable to GM-38 project.

Start-up is anticipated by early June, target the week of June 8. Potable water connection status may impact start-up. Contaminated groundwater treatment by end of June, target the week of June 29. The existing six monitoring wells will be sampled the week of May 25, 2009 in order to update the groundwater concentrations baseline. The last GM-38 groundwater sampling event occurred in June 2005.

TtEC will summarize meeting and distribute meeting notes prior to the next progress meeting scheduled for Wednesday, May 27, 2009 at 11:30 a.m. A conference call in number will be established for those who cannot attend in person.



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