

GM-38 Progress Meeting No. 21 on June 25, 2009

An on-site meeting was conducted at 11:30 a.m. eastern.

Attendees:

Navy Chris Shukis, Mech / Elec Supervisory Engineer
NYSDEC Steve Scharf (via phone)
Town Of Oyster Bay Rich Pfaender
ECOR Al Taormina
TtEC PM Stavros Patselas
TtEC Quality Control and Health and Safety Joseph Gray

The building subcontractor, Merrick Utility Association (MUA) of Farmingdale, extended the potable water line up to the dead end (southern) of North Herman Road. Several loads of excess soil were moved to another Navy property. The permanent access road is being completed from the entrance to the treatment building and working west toward Broadway. The sealing of the plant floor will have to be delayed until after start-up and is anticipated to take at least a week between floor prep and the two part application. Installation of the 100 pine trees is completed. There is a water truck on-site but weather has been providing the necessary watering.

Work anticipated by MUA over the next two week period includes: General plant clean-up, potable water line completion, continue final restoration including soil removal, additional stone on access road, installation of HVAC units, and finishing bathroom.

The mechanical subcontractor, WHM Plumbing and Heating (WHM) of East Setauket, NY has completed the liquid phase piping. The header piece for the air stripper tower has been installed. The vapor phase piping (24" SCH 40 PVC) has been delivered and installation started with approximately 50% complete. Installation of instrumentation is approximately 90% complete.

Work anticipated by WHM over the next two week period includes: Continue installation of the vapor phase piping and installation of the submersible pump in RW-1.

Electrical contractor, JVR Electric (JVR) of Medford, NY continued work on the electrical and instrumentation systems in the treatment building. Work on the control room wiring into PLC and panel will continue. The phone lines have been installed into the building however, lines still need to be run from a junction box in the closet to the final locations within the control room.

NO CHANGE: Drilling mobilization is still to be determined, however it is anticipated to start in July. TtEC completed groundwater modeling tasks (instead of Arcadis) toward determination of RW-3 well design including depth and screened interval. TtEC submitted the technical memo detailing the results of the groundwater modeling effort to the Navy and NYDEC on May 19, 2009. Received comments by Arcadis via NYSDEC on June 18, 2009 and proceed to prepare response to comments. Response will be sent to Navy first followed by submission to NYSDEC TtEC is keeping Delta informed with respect to progress and a July timeframe is anticipated to begin the drilling program.

The potable water main has been installed w/in North Herman Avenue block south of Sophia St. This work is being performed by Merrick directly for the Bethpage Water District. The water main has been disinfected and samples have been collected. Merrick is currently awaiting sample results that pass prior to proceeding to the next phase of the installation, three way valve onto Sophia Street main. Two consecutive samples must pass. Thus far two sets of samples have not passed due to one of two samples failing both times. Once approval is received from the Nassau County Health Department, Merrick will connect the North Herman water main to the existing water main at the intersection with Sophia Street. Merrick will proceed with installation of the GM-38 RPZ (double backflow preventor, water meter, and vault followed by connection of the water main to the water line for the treatment building. At some point the laterals from each home will be connected to the new water main. Work on the control room bathroom will continue over the next few weeks.

Jerry Ennis of the Nassau County Department of Public Works has indicated verbally and via email that the fee related to the discharge of treated effluent to basin #495 will be waived. There will be annual maintenance required, related to vegetation control and scarification of basin floor to allow continued infiltration. TtEC to meet with NCDPW's Jerry Ennis Friday on-site to discuss contractor requirements such as bonds, insurance, etc. related to entering the basin and work scope to scarify and clear the basin bottom.

The NYDEC has provided comments and TtEC has revised and resubmitted the air permit. Await written approval from NYSDEC.

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. NYSDEC Division of Water must be informed of any discharge changes as required by the SPDEP memorandum. This letter is still in draft but not yet submitted.

NO CHANGE: Site security services have been increased thru end of July 2009. 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 has researched costs, effectiveness, and various options. A lock box will be installed at the main gate that 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. The Navy has provided several padlocks to use on the plant vehicular and man gates. It has been determined the Navy lock cylinders can replace the current door lock sets allowing the gates locks and door locks to be keyed alike with Navy property keys.

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. Navy's Chris Shukis and / or Greg Pearman are to review w/ TtEC the redzone checklist (80% construction complete) and project turnover checklist.

Start-up with potable water is anticipated by first week of July, however this subject to samples passing and approval by NCDOH. Potable water connection status may potentially impact start-up but continue to complete various items including vapor phase piping and other. At this time it appears as if potable water will be available into the plant soon. Contaminated groundwater treatment is targeted by end of July, but need to start-up, test, and shakedown the system with potable water first. The O&M operator has been identified, Fred Mattison of ECOR Solutions.

TtEC informs of award of work related to Site 1 Soil Vapor Containment System design and build. TtEC will summarize meeting and distribute meeting notes prior to the next progress meeting scheduled for Thursday, July 8th, 2009 at 11:30 a.m. A conference call in number will be established for those who cannot attend in person.



