

## **GM-38 Progress Meeting No. 26 on September 3, 2009**

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

### **Attendees:**

Navy Gregory Pearman (ROICC)  
Navy Chris Shukis, Mech / Elec Supervisory Engineer  
NYSDEC Steve Scharf  
Town of Oyster Bay Richard Pfaender  
ECOR Solutions Al Taormina  
ECOR Solutions Fred Mattison  
TtEC PM Stavros Patselas  
TtEC Site Superintendent Edward Urbanek  
TtEC Electrical Engineer Harish Rana

### **Summary:**

The building subcontractor, Merrick Utility Association (MUA) of Farmingdale, continued general clean-up inside the building, sealing the floor, and restoration. A punchlist prepared by TtEC has been provided to MUA and reviewed with them. They were informed to proceed with scheduling roof hatch install.

Work anticipated by MUA over the next two week period includes: continue general plant clean-up, completion of punchlist items, painting of floor and sumps and site restoration and hydroseeding.

The mechanical subcontractor, WHM Plumbing and Heating (WHM) of East Setauket, NY has completed the liquid phase piping and vapor phase piping. Majority of all instrumentation is installed with calibration and testing started. A punchlist prepared by TtEC has been provided to WHM and reviewed with them.

Work anticipated by WHM over the next two week period includes: Continue start-up testing, adjustments/repairs of any leaks identified, and punchlist items. WHM will have to remove to install RW-3 wellhead vault and make connections.

Electrical contractor, JVR Electric (JVR) of Medford, NY continued work on the electrical and instrumentation systems in the treatment building. Approximately 99% of the instrumentation wire has been pulled to the PLC as well as completed terminations in MCC, between MCC and PLC, and in PLC. The PLC programmer is on-site this week along with Square D for VSD programming. Advantech (PLC programmer) will be on-site again on September 14, 2009.

Work anticipated by JVR over the next two week period includes: work on punchlist items assist the PLC programmer and Square D as necessary, resume lightning protection install, install heat trace in RW-1 and exposed stripper tower piping on the roof of the treatment building. RW-2 electric will not be connected in the control panel within the plant or w/in the well vault.

**DRILLING:** The RW-1 pilot hole drilling is complete and next is TP-1 monitoring

well location. Based on the soil samples collected from the RW-3 pilot hole TtEC will propose screen size(s) and interval(s). The proposed well construction diagram will be sent to NYDEC for review and approval next week. Input on this well construction is from TtEC, Delta Well & Pump, and Johnson screens. There will be a time gap between drilling the pilot hole for RW-3 and the reverse rotary drilling of RW-3. Materials will be ordered immediately upon completion of NYSDEC review and delivery time is 2-3 weeks. NYSDEC recommends evaluating how to shorten this proceed.

**POTABLE WATER:** COMPLETED

**COUNTY BASIN DISCHARGE:** The clear/grub and scarification work near the outfall of NCDPW basin #495 was completed the week of August 24, 2009. NCDPWs Jerry Ennis inspected and approved the work completed. Two holes in the perimeter fence were also repaired. As per NCDPW approval letter there will be annual maintenance required, related to vegetation control and scarification of basin floor to allow continued infiltration. TOB Rich Pfaender raised the question as to who is responsible for fence repairs and for monitoring / control of mosquito population. The basin will have water in it as a result of the treatment discharge. TtEC to contact NCDPW Jerry Ennis to discuss these issues. A Navy padlock remains at basin entry gate. The O&M manual needs section on basin monitoring and maintenance.

**AIR DISCHARGE:** COMPLETED

**SPDES:** NO CHANGE - TtEC spoke with NYDEC's Division of Water Jean Occidental regarding the SPDES limits based on primary discharge to NCDPW basin #495. The SPDES limits will not change because this basin is self-contained and not interconnected with another basin. This detail was confirmed with NCDPW Jerry Ennis. TtEC PM requests that NYSDEC Steve Scharf confirm with no changes to SPDES limits with Ms Occidental. TtEC PM and NYSDEC are to review the SPDES reporting requirements and associated sampling plan.

**SITE SECURITY:** Site security services was extended one more month and expire on October 2, 2009. Due to the security concern of RW-3 drilling area and the upcoming public meeting it was decided to extend one additional month. The TtEC trailer will not be removed until the end of September 2009. The temporary perimeter fence will not be removed until trailer removed.

**NO CHANGE** - The response plan to all plant alarms including security needs to is incorporated into the O&M manual. Site security cameras are not part of installation but TtEC shall research 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 and the Navy lock cylinders will be installed to replace the current door lock sets allowing the gates locks and door locks to be keyed alike with Navy property keys.

**TOB INSPECTIONS:** 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. 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.

**DOCUMENTATION:** NO CHANGE - The required project documentation (such as daily reports, QC inspection reports, etc.) continues to be provided to Navy's Greg Pearman. TtEC requests that a red zone meeting be held soon since major subcontractors have started completion of punchlist items. After today's meeting Navy's Chris Shukis and / or Greg Pearman are to review w/ TtEC the redzone checklist (80% construction complete) and project turnover checklist.

**ROOF ACCESS:** Navy requests consideration to install an access hatch to the building roof from inside with potential location is above the mezzanine (above shower and closet). Roof warranty impact, safety rails on the roof around the access opening, roof tie-off locations, and other needs to be considered. TtEC has received the installation proposal of approximately \$12,000 and provided a copy to Greg for review. TtEC PM reviewed with Navy RPM and decided to proceed with installation utilizing the cost savings of NCDPW waiving the discharge fee. Fixed points need to be installed at certain locations as tie-off points. Access to roof and work on roof should be included into the O&M manual.

O&M: The Navy review of draft O&M manual is complete. TtEC response to comments is complete. Draft final version is to be submitted to NYSDEC's Steve Scharf and Henry Wilkie next week. The plan contains a sampling and analysis section. As-built drawings will be incorporated into the final version. The TOB is to also receive a final copy (2 CD and 2 hard). TtEC is to provide O&M for 6 months and then transition to other Navy contractor, perhaps ECOR Solutions, Inc.

TtEC will summarize meeting and distribute meeting notes prior to the next progress meeting scheduled for **Thursday, September 17, 2009 at 11:30 a.m.** This meeting will serve as the first progress meeting to operation and maintenance phase. A conference call in number will be established for those who cannot attend in person.





