
PROGRESS MEETING MINUTES



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PROJECT: **TOWN OF JAMESVILLE – Water Treatment Plant**

DATE: **November 15, 2023**

TIME: **10:00 AM**

LOCATION: **Jamesville Town Hall**

FUNDING AGENCY: **NCDEQ-DWI SRP-D-ARP-0111**

ENGINEER **MUNICIPAL ENGINEERING Inc.**
 Michael McAllister, M-ASCE Project Manager

CONTRACTOR: **Enviro-Tech Unlimited Construction Services, LLC**

TOPICS:

1. Attendees

Hon. Craig Tucker, Mayor	Town of Jamesville
Hon. Rachel Craddock, Commissioner	Town of Jamesville
Hon. Willis Williams, Commissioner/Mayor Pro-Tem	Town of Jamesville
Hon. Kim Cockrell, Commissioner/Clerk/Finance Off.	Town of Jamesville
Hon. Mary Allen, Commissioner	Town of Jamesville
Samuel Lilley	Town of Jamesville
Nick Brown	ETUCS
Joseph Surles	ETUCS
Michael McAllister	Municipal Engineering, Inc.

2. Project Schedule

During the Engineer’s site visit, it was noted the building is approximately 75-80% complete, the insulation has been installed, and partition drywall for the office, restroom, and electrical room has been. One worker was onsite at the time to mud the joints for the drywall. Windows doors and roll-up doors have not yet been installed.

Nick Brown with ETUCS noted the following schedule :

A. Work Accomplished this month:

As noted previously, the pre-engineered metal building framing, exterior panels, insulation, partition framing, and drywall have been installed.

B. Work to be Accomplished next month:

The Contractor anticipates that the roll-up doors will be delivered next month. The windows and doors should be installed during the next month. etc., The Contractor noted that he still anticipates the treatment equipment to arrive in late January to February. The Contractor plans to install the first coat of the epoxy coating, and the sanitary sewer service will be installed, most likely between Christmas and New Year's, while the school across the street is closed. The Contractor was reminded to coordinate the road closure with the fire department next door since it may impact their response times.

Additional work may be conducted to construct the chemical feed containment and plywood panels to be installed within the electrical room.

3. Change order status.

The Engineer noted that we are still waiting for concurrence by NCDEQ-DWI with Change Order Number One related to item "a" below:

- a. During the facility's layout, it was determined that the existing 12-inch sanitary sewer line is on the opposite side (easterly) of Hardison Drive. The Contractor has proposed extending the line across Hardison Drive and connecting the 6-inch sanitary sewer to the existing 12-inch gravity sewer with a service lateral. Additional costs include the service lateral, saw cut and removal of the asphalt pavement, excavation, installation of the additional pipe, backfill, compaction, and pavement installation. The Engineer will follow up with NCDEQ-DWI to inquire about the status of the change order.
- b. As indicated last month, the Town has elected to change the fuel source for the proposed generator from diesel to natural gas. The Town has contacted Piedmont Natural Gas, and they have quoted the Town \$1,933.20. The quote was forwarded to Mr. Jim Morrison to determine if the item is a project-eligible cost, and he indicated that it checks the boxes to be covered by the grant funding.
- c. The Engineer noted that another change order has been submitted to include the additional cost of changing the generator from diesel to LP gas. The Contractor has also submitted a change order request for additional costs incurred by the elevated tank located on the site, which overflowed several times, flooding the footing excavations. The Contractor needed to pump these out on numerous occasions.

4. Shop Drawing Status

- The Engineer and Contractor noted no outstanding shop drawings as of this meeting. However, the Contractor anticipates receipt of the revised generator submittals within the next week.

5. RFI Status

- The Engineer noted there are no outstanding Requests for Information at this time.

6. Major Equipment Delivery Status

Mr. Nick Brown with ETUCS indicated again the anticipated delivery time on the RO, Green Sand Filter, Controls, and Generator has not changed since the information was given during the last progress meeting.

Mr. Brown noted that the Generator delivery is approximately 44 weeks out.

7. Pay Request Status

The Contractor has submitted three payment requests, all three of which have been sent to NCDEQ-DWI for review and payment to the Town. The Engineer noted that Bobby Blowe with Municipal Engineering has been working with the agency to get these paid. NCDEQ-DWI has requested another resolution be submitted along with the executed offer and acceptance letter. The Town Board met immediately after the progress meeting and

passed the needed resolutions. Mr. Brown requested that the Town notify ETUCS once the check was ready, and they would have someone pick it up. He also inquired as to the process for payment. Mr. McAllister explained the process for payment. The Controller's office will pay the Town by Electronic Fund Transfer (EFT), and the Town will have three business days to issue a check to the Contractor.

8. Contractor Concerns/Questions

Mr. Brown noted they plan to install the first coat of the epoxy floor at this time. The second coat will be installed once the construction is complete. The reason for this is to avoid wear during the active construction phase.

The Contractor noted that the chemical feed system will conflict with the window on the back side of the building. He asked if it was acceptable to install black-out paint over the window, which appears to have a mirror finish as viewed from the outside. The Contractor would install uni-strut across the window to support the chemical feed components.

The Contractor inquired if plywood (painted white) could be installed in lieu of the drywall as it will make the mounting of the electrical panels easier. The Town and the Engineer agreed with the substitution.

9. NCDEQ-DWI Questions/Concerns

NCDEQ-DWI did not attend this meeting.

10. Owner Concerns/Questions

Mr. Lilly inquired about the installation of an altitude valve to prevent tank overflows. Mr. McAllister noted that the altitude valve would not be used. The facility would include a pressure transducer located on the existing elevated tank, which will connect to the proposed SCADA that will cut the pumps off when the tank is full.

The sequence of the construction was discussed again, primarily regarding the demolition of the existing pre-engineered metal building, which contains the existing filters and well #1. The Engineer noted the building would be demolished, and a new pre-cast concrete building would be installed over the existing well and piped to the system. The Engineer noted the facility would need to rely on well #2 while this work is being completed.

Mr. Lilley indicated they had to operate well #2 manually, which would cause an undue hardship to the facility operator. The Engineer noted that he had inquired with NCDEQ-DWI earlier in an effort to replace the existing well house but was told it was not eligible since it was not included in the original project scope. However, the Engineer will discuss the possibility of repairing the roof so NEMA-1 enclosures can be used to contain the new controllers and electrical equipment. Otherwise, it will be necessary to utilize NEMA-4X enclosures that are far more expensive and, according to the Contractor, are difficult to obtain. The Engineer will seek further direction from NCDEQ-DWI. Mr. Brown indicated he could obtain NEMA-1 panels within a week to ten days; however, NEMA-4X panels would take approximately 48 weeks to obtain.

Mayor Tucker asked if the Contractor planned to install an epoxy coating on the concrete floor. The Engineer noted that an epoxy coating was not part of the project scope as bid. The Contractor will provide the cost for applying the epoxy, and the Engineer will ask NCDEQ-DWI if this item is eligible for funding under the grant.

Mr. Brown indicated there may be some cost savings to providing an FRP building at the remote well site rather than trying to repair the roof and building components. These buildings are delivered to the site with doors, electrical panels, fans, unit heaters, etc. already installed. The building would require the installation of a new concrete pad. Mr. Lilly asked about testing the raw water from well #2 since it had not been used in a while. Mr. McAllister recommended that he operate the blow-off and collect a bacteriological sample prior to placing the well into service.

The availability of the generator was discussed after the Mayor inquired as to when the new treatment works would likely come online sometime in April 2024. The Contractor questioned the issue of standby power during the time we await the delivery of the generator. It was determined that the Town currently has a trailer-mounted portable generator. It will be necessary to provide a pigtail connection for the portable generator. The Engineer

noted we would address this issue at the next meeting when we have a better idea as to when to expect delivery of the generator.

11. Engineer Concerns/Questions

Mr. McAllister noted he was pleased with the progress to date and the quality of the workmanship.

12. Misc. Questions

None

13. Next Progress Meeting

The Engineer noted during this downtime, as they wait for equipment, we would forgo the December and January progress meetings unless it became necessary. The next meeting will likely be held in February.

14. Adjourn

Wishing everyone a happy Thanksgiving and Merry Christmas, and with no further business to discuss, the meeting was adjourned.

Submitted this the 16th day of November 2023



Michael L. McAllister, M-ASCE
Principal Project Manager



SIGN-UP SHEET – PROGRESS MEETING

MESCO Project No.: G-22060
Project Name: Town of Jamesville – Water Treatment Plant
SRP-D-ARP-0111

Date: November 15, 2023 – 10:00 AM

NAME	COMPANY	PHONE	email
Michael McAllister	Municipal Engineering Services	919-772-5393	mmcallister@mesco.com
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* Include FAX number or email address if you want a completed copy of the sign-up sheet sent to you.