

From: [James Contino <jcontino@whartonsmith.com>](mailto:jcontino@whartonsmith.com)
To: chris@kwru.comchris@kwru.com
[Greg Wright](mailto:Greg.Wright@kwru.com)greg@kwru.com
[Ed Castle, P.E.](mailto:Ed.Castle@me.com)edrcastle@me.com
ssuggs@weilerengineering.orgssuggs@weilerengineering.org
lgermaine@weilerengineering.orglgermaine@weilerengineering.org
[John Sinn](mailto:John.Sinn@weilerengineering.org)jinn@weilerengineering.org
[Gregory Williams](mailto:Gregory.Williams@whartonsmith.com)gwilliams@whartonsmith.com
[Edgar Gonzalez](mailto:Edgar.Gonzalez@whartonsmith.com)egonzalez@whartonsmith.com
[Jean Laine](mailto:Jean.Laine@whartonsmith.com)jlaine@whartonsmith.com
CC: [Erica Marnati](mailto:Erica.Marnati@whartonsmith.com)marnati@whartonsmith.com
[Angela Kushner](mailto:Angela.Kushner@whartonsmith.com)akushner@whartonsmith.com
Date: 2/26/2018 9:06:09 AM
Subject: 17-160 - KWRU WWTP Filter Replacement - Progress Meeting #1 Minutes

To all,

Attached please find the following with regards to the above subject:

- Progress Meeting #1 – Minutes

Please review and provide any comments by COB on Friday, March 02, 2018.

Sincerely,

James M. Contino | Project Manager

Wharton-Smith, Inc. | Construction Group of Choice | www.whartonsmith.com

125 W. Indiantown Road, Suite 201, Jupiter, FL 33458

Office: (561) 748-5956 Ext. 2321 | Cell: (561) 354-8786 | Fax: (561) 748-5958



10KWRU WWTP Filter Replacement

Progress Meeting #1 February 21, 2018 @ 11 A.M.

Minutes

Review of Meeting Minutes from Last Meeting

- See attached Preconstruction Meeting Minutes
 - [Steve Suggs to review and send any comments by COB on 02/21/18](#)

Project Schedule

- See attached updated CPM Schedule
 - [James Contino noted that the NTP date in the revised schedule is incorrect and will be revised to the correct date of 02/19/18](#)
 - [James Contino noted that the production date of the 1st tank in the schedule did not update properly, the 1st tank is currently scheduled for delivery the week of 03/12/18](#)

Status of Current Work

- Mobilization began on Monday, February 19, 2018 with deliveries as follows:
 - Tool Connex delivered on 02/19/18
 - Port o Let delivered on 02/20/18
 - Dumpster scheduled for delivery on 02/21/18
 - Office Trailer delivery TBD
- KWRU began draining the North Filter on Tuesday, February 20, 2018
- [Vacuum truck was currently onsite removing media from the North Filter](#)

Planned Future Work

- Disconnection & removal of electrical and piping from North Filter to begin on 02/21/18
- Demolition & removal of North Filter scheduled to begin week of 02/26/18

Material Deliveries

- 1st Filter Structure scheduled for delivery week of March 12, 2018

Status of Submittals

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- See attached Submittal Log
 - 01300-001 Pre-Construction Video – Approved as Noted on 02/20/18; WSI to follow up with additional photos from the top of the tanks to document the existing piping arrangement
 - 01590-001 Site Utilization Plan – Approved as Noted on 02/20/18; Edgar Gonzalez stated that he had coordinated with Greg Wright. for placement of office trailer & dumpster
 - 05000-002 Filter Media – Approved as Noted on 02/20/18; Steve Suggs stated that physical samples are required for final approval and only naturally occurring rock will be accepted, no crushed rock will be accepted.
 - 16000-001 Electrical Materials – Approved with No Comments on 02/20/18

RFI's

- See attached RFI Log
 - There are no open RFIs at this time

Changes in Work

- COP #1 Replace Backwash Pumps
 - Original proposal exceeded allowance. If may be possible to revise the proposal to be within the allowance, however the lead time of the pumps is quoted as 6-8 weeks after approval. WSI has requested confirmation from Hudson Pump that this lead time is accurate. If so, then replacement of the pumps would delay the project according to our current schedule.
 - Steve Suggs and Ed Castle stated that if pricing could be reduced to not exceed the allowance than new pumps would be desired. If the new pumps do not arrive in time for installation in the first filter than those pumps could be turned over to the owner for installation by the owner at a later time. James Contino is going to confirm the quoted lead times and revise the proposal.
- COP #2 Replace Grating & Railings
 - Weiler Engineer has requested that the forthcoming bridge grating proposal be included in a revised COP #2 proposal so that all costs associated with the allowance are in the same proposal.
 - Revised proposal to be provided by WSI based upon the preliminary set conformed drawings received on 02/16/18
 - Greg Williams explained that with the first tank currently in fabrication and in an effort to not delay the project, WSI will contact the tank fabricator (T3 Custom Fab) to determine if they can provide a mechanical means of attaching the grating and railings that would work for both the new and existing grating and railings. This way fabrication of the first tank can proceed while all the costs associated with the Grating allowance are finalized and reviewed.
- Preliminary set of conformed drawings received on 02/16/18 had the following changes:
 - Added (2) pipe connections per filter
 - Moved shear gate from 10 ¼" to 4'-5" from top of baffle wall to center of opening. It was agreed with Steve Suggs to save additional cost since the steel sheets for the

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structure have already been cut that if the sheet could be flipped and reused that the center of the opening might not be at exactly 4'-5".

- Moved pipe connections
- Detailed grating and access bridge
- Generator Replacement
 - Fully conformed set of revised drawings to include design of generator slab for pricing by WSI
 - Status of fully conformed set of revised drawings – Steve Suggs to provide revised drawings by COB on 02/21/18
 - Steve Suggs to provide written scope of work for the desired electrical changes associated with the Generator Replacement to aid the Electrician in pricing

Pay Applications

- Pay Application #1 (February 2018) – Preliminary copy for approval sent to Weiler Engineering on 02/20/18
 - It was discussed that since the application is projected thru the end of the month that James Contino and Steve Suggs would review and finalize by the last day of the month

Open Discussion/Concerns

- Greg Wright stated that he provided Edgar Gonzalez with the data sheets for the coatings on the existing tank. He further expressed his concern about the flammability of the coating and any toxic fumes created while cutting with torches. Edgar Gonzalez stated that he would have fire extinguishers on hand and would use the necessary PPE
- Spark testing of the new tanks was discussed. It was agreed that WSI would look into the possibility of having a certified independent 3rd party perform spark testing of the tanks at the applicators shop prior to shipment and if at delivery there are any visual signs of damage to the coatings than WE would perform spark testing onsite with any required repairs to be made by the applicator.
- Greg Williams requested an update on Evoqua's upcoming work at the site to determine if there may be any conflicts on the site. Ed Castle stated that Evoqua's equipment carries a quoted lead time of 14 to 16 weeks after approval of shop drawings, and shop drawings have not been submitted yet. So it is understood that Evoqua will most likely not be onsite until WSI has completed their work and demobilized.

Next Meeting

- Telephone Conference Meeting - Wednesday, March 14, 2018 @ 11 A.M.
 - Greg Williams reminded all parties that our next meeting is scheduled the same week of the planned delivery of the first tank. If so then it may be that James Contino will be onsite and attend in person. It was agreed that prior to the next meeting all parties will confirm if it will be held onsite or by telephone conference.

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KWRU WWTP Filter Replacement

Progress Meeting #1
February 21, 2018 @ 11 A.M.

Sign In Sheet

Name	Company	Email Address	Phone Number	Initials
Chris Johnson	KWRU	chris@kwru.com	(305) 295-3301	
Greg Wright	KWRU	greg@kwru.com	(305) 295-3301	✓
Ed Castle, P.E.	Weiler	edrcastle@me.com	(305) 289-4161	✓
Steve Suggs, E.I.	Weiler	ssuggs@weilerengineering.org	(941) 323-1787	✓
Louis Germaine	Weiler	lgermaine@weilerengineering.org	(305) 307-4611	
John Sinn	Weiler	jsinn@weilerengineering.org	(305) 289-4161	✓
Greg Williams	WSI	gwilliams@whartonsmith.com	(561) 345-1858	✓
James Contino	WSI	jcontino@whartonsmith.com	(561) 354-8786	✓
Edgar Gonzalez	WSI	egonzalez@whartonsmith.com	(561) 222-1303	✓
Jean Laine	WSI	jlaine@whartonsmith.com	(561) 427-5743	