

Kronenwetter Start Up Meeting #4

1/2/25

Attendees:

Brian Marquardt – Rohde Brothers
Dan Moore – Rohde Brothers
Emily Nurmi – William Reid
Elbert Johnson – Kurita
Bryan Gawlik – ECON Electric
Matt Esselman – ECON Electric
Zach Gilmaster – Ellis Construction
Mark Mackey – Village of Kronenwetter
Joe Kafczynski – Becher Hoppe

Items discussed:

- Rohde Update:
 - Waiting for the painter to be complete.
 - Back onsite this week to fill and test piping.
 - Chosen lab to conduct testing of samples is US Water in Weston.
- Howard Grote Update:
 - Manpower onsite Friday (1/3) and Saturday (1/4) to finish vessel and piping painting.
- ECON Electric Update:
 - Load bank test scheduled for 1/3
 - Simulate a power outage
 - Becher Hoppe to be onsite
- Potassium permanganate & sodium bisulfite are scheduled to be delivered Friday 1/3.

Action Items:

- Rohde to provide the following to Ellis:
 - Confirm dates/times for startups and owner training.
 - Rohde to provide 2 passed samples prior to tie in.
- Becher Hoppe to provide dates for substantial completion and close outs.
 - Ellis Punch List items:
 - Perimeter expansion joint to have sealant
 - Overhead door seal on bottom

Joe to send info on stainless pipe markings

- a. HGS to not paint stainless. Labels on piping to be installed in lieu of paint.

Requirements	Completed	Estimated Completion Date
1. Underdrain nozzles installed per instructions. If <u>factory</u> installed, then hand checked. All American doing the install this is happening the week of 12-16	<input checked="" type="checkbox"/>	Click to enter date.
2. Gravel (if applicable) and filter media installed per instructions. All American doing the install week of 12-16	<input checked="" type="checkbox"/>	Click to enter date.
3. Service and backwash water are available. Yes, Will be by the week of the 6Th (Wednesday) hopefully. As of 12-19 on track for 1-6-25 as of 1-3-25	<input checked="" type="checkbox"/>	Click to enter date.
4. Backwash discharge containment is available. Contact project manager for quantity. Will be still on track for 1-6 as of 1-3-25	<input checked="" type="checkbox"/>	Click to enter date.
5. Greensand media backwashed and skimmed per instructions (if applicable). Is all American doing this need to make sure? Sounds like Kurita is doing this during the first trip sch, on 1-6-25 as of 12-19 no change as of 1-3-25	<input type="checkbox"/>	Click to enter date.
6. Anthracite backwashed and skimmed per instructions (if required). No skimming to be installed during the week of the 6th as of 12-19 no change as of 1-3-25	<input checked="" type="checkbox"/>	Click to enter date.
7. Does the site engineer require KMnO ₄ on-site (if required). Contact project manager for quantity. Looking into the amount of sodium meta bisulfite for oxidation destruction? The site will be using 12% Cl₂, the ratio for the bisulfite used to neutralize the chlorine Has been found in the OMM as of 12-19 to be on site on 1-3-25	<input checked="" type="checkbox"/>	Click to enter date.
8. Are testing reagents on site? Check on with Nina will be on site by startup week of 1-6-25 on site as of 12-19 /still not found as of 1-3-25 site will have some available	<input checked="" type="checkbox"/>	Click to enter date.
9. All other process required chemicals on-site. Not Kurita week of 1-6-25 to be on site. As of 12-19 to be on site 1-3-25	<input checked="" type="checkbox"/>	Click to enter date.
10. Filter system sterilized (if required by the state). Bac-t's passed prior to commissioning (By others) still need to be complete as of 12-19 the piping will be complete or in process by the first week of start up with the filters to follow the anthracite addition. As of 1-3-25	<input checked="" type="checkbox"/>	Click to enter date.
11. All instrumentation and valve wiring in place and terminated. Will be by commissioning date. On track as of 1-3-25	<input checked="" type="checkbox"/>	Click to enter date.
12. Are the equipment name plates on site? Nina to locate reorders, found as of 12-19. No change as of 1-3-25	<input checked="" type="checkbox"/>	Click to enter date.
13. All loose shipped components (valves, orifice plates, instrumentation, chemical injection, etc.) are installed per manufacturer guidelines. Yes	<input checked="" type="checkbox"/>	Click to enter date.

Are Reagents on site. ***Correct for - Filter, Softener, aerator/stripping towers.

Disinfect iron man filter prior to application of ironman. KMnO₄ required for ironman solutions.

Name plate for equipment on site/affixed to equipment. (when request for NES trip to commission have PM order plates)

