

Project Status Report

Drinking Water Treatment Facility Construction

Village of Kronenwetter, Wisconsin
Becher Hoppe Project Number 2021.022

Period | December 2024

Activities This Period

- **Project Management:** Joe Kafczynski
 - Owner Coordination
 - Contractor Coordination
 - Internal and subconsultant team coordination
 - Submittals management
 - WDNR Coordination
- **Construction Related Services:**
 - Part-time on-site RPR Services – Joe Kafczynski
 - Construction progress documentation
- **Change management**
 - A summary of the number of submittals, Request for Information (RFI), Request for Proposal (RFP) and Change Orders processed, or under review, during this period are summarized below

Submittals				Change Orders	RFIs	RFPs
Received To-Date, including resubmittals		53		Approved	To – Date	To - Date
Submittals This Month				4	9	3
Received	Reviewed	Returned to Contractor	Under Review	In process	This Month	This Month
0	0	0	0	1	1	0

Near-Term Activities

- **Project Management:**
 - Field staff oversight
 - Subconsultant oversight and coordination
 - Change management coordination
 - Construction Progress Meetings and Project Site Visits
- **Regulatory Affairs and Funding:**
 - Pay Application Processing and SDWLP disbursement requests



- **Construction Related Services**
 - RPR services and construction documentation including photos (construction & aerial)
 - Submittal / RFI / RFP coordination and review
 - Material testing review and oversight
 - Payroll review
 - Construction surveying
 - Equipment installation and start up coordination and oversight

- **Change Orders**
 - Becher Hoppe is working with the contractor on the costs associated with unforeseen issues during the Well No. 2 pump rebuild requiring extra time.
 - Becher Hoppe has again requested the Contractor provide a better explanation, description, and breakdown of costs associated with this change proposal request.
 - Becher Hoppe will let you know when we receive and review this information.

Upcoming RFP's –

None

Completed Work at Site by Contractor

- Building Construction
- Well No. 2 Rebuild
- Rough grading of site
- Overhead Door Coiling Door Installed (CO 4)
- Generator Delivered to Site
- Concrete Approach
- Water service tie in and sanitary sewer lateral
- Backwash tank connection to sanitary sewer
- Generator Start up and Testing
- 90% of Media Installed
- Mechanical Piping/Process Piping
- Process Pipe and Tank Coatings

Future Work

- Startup Filter Equipment
- Vessel Media Installation (Anthracite)
- Joint Sealing
- Restoration work (Landscaping touch up, Etc.)
- Punch List

Schedule Update

- Contractor, Suppliers, and Start Up teams have been holding weekly start up meetings since December 12, 2024 to hone in scheduling and items needed for start up.
- Ellis provides an updated schedule at each of these meetings. The latest version from 1/2/2025 is provided with this update.
- All Media, except top layer of anthracite, has been installed into the vessels. Anthracite will be installed this week after greensand media has been backwashed, skimmed, and regenerated.
- Ellis is still requesting a Contract Extension as provided and discussed during previous meetings. This request is requesting a new substantial completion date of 1/10/2024 with a final completion date of 2/10/2024 (we are assuming the dates they are requesting are in the year 2025 not 2024).
- There was a mishap during installation of one of the vertical vessels as it tipped/fell over while it was being relocated into the building. The Village (Greg) and Becher Hoppe have requested that the vessel be thoroughly inspected before being installed. Kurita has provided a letter regarding this mishap which is included in this update. Rhode Brothers have pressure tested the vessels using air (no issues found) and will also hydrostatic pressure test the vessels in accordance with project specifications.

Project Cost Summaries:

Cost Category	FAA Loan Amount (at FUND)	Revised Loan Amount (at FAA)	Total Amount Approved	Total Amount Paid	Pay Req #1	Pay Req #2	Pay Req #3	Pay Req #4*	Unexpended Balance
1. Force Account	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2. Interim Financing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3. Planning & Design Contracts	\$228,100.00	\$228,100.00	\$223,100.00	\$223,100.00	\$223,100.00	\$0.00	\$0.00	\$0.00	\$5,000.00
BECHER-HOPPE ASSOCIATES, INC. (BH PD)	\$228,100.00	\$228,100.00	\$223,100.00	\$223,100.00	\$223,100.00		\$0.00	\$0.00	\$5,000.00
4. Land Acquisition/Easement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5. Construction Management/Engineering	\$90,000.00	\$90,000.00	\$63,212.33	\$63,212.33	\$0.00	\$0.00	\$63,212.33	\$11,520.00	\$15,267.67
BECHER-HOPPE ASSOCIATES, INC. (E/CM)	\$90,000.00	\$90,000.00	\$63,212.33	\$63,212.33			\$63,212.33	\$11,520.00	\$15,267.67
6. Construction/Equipment	\$0.00	\$2,873,043.00	\$1,767,838.41	\$1,767,838.41	\$0.00	\$1,335,510.29	\$432,328.12	\$216,802.16	\$888,402.43
ELLIS STONE CONSTRUCTION COMPANY (ELLIS STONE)	\$0.00	\$2,873,043.00	\$1,767,838.41	\$1,767,838.41		\$1,335,510.29	\$432,328.12	\$216,802.16	\$888,402.43
7. Contingency	\$143,100.00	\$132,057.00	\$0.00	\$0.00	\$0.00	\$0.00	\$66,444.00	\$0.00	\$65,613.00
8. Miscellaneous Costs	\$12,300.00	\$12,300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,300.00
9. Closing Costs	\$50,000.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00
Grand Total	\$523,500.00	\$3,385,500.00	\$2,054,150.74	\$2,054,150.74	\$223,100.00	\$1,335,510.29	\$561,984.45	\$228,322.16	\$1,036,583.10

*Disbursement Request/Pay Request #3 was sent to DNR for review and approval on 7/19/2024. This table assumes they have reviewed, approved, and paid the amounts listed.

Notes: The “Revised Loan Amount” reflects that \$90,000.00 of the loan amount was approved for Construction Management/Engineering Services. Current construction services agreement between the Engineer and Village is \$74,000.00. This means the actual “Unexpended Balance” remaining for Construction Management/Engineering Services is \$74,000.00 - \$74,732.33 = \$(732.33). Engineering costs in this scenario are over amount. RPR service Contract for A/E services are on a time and material basis.

Project Progress Pictures (from December 2024 and January 2025)



Process Piping Installed



Process Piping Installed



Coatings on Vessels and Piping



Chemical Feed Equipment Installed



Generator Load Bank Testing



Final Coat of Paint on Horizontal Vessel

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	☑	Click to enter date.
2. Gravel (if applicable) and filter media installed per instructions. All American doing the install week of 12-16	☑	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	☑	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	☑	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	☐	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	☑	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	☑	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	☑	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	☑	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	☑	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	☑	Click to enter date.
12. Are the equipment name plates on site? Nina to locate reordered, found as of 12-19. No change as of 1-3-25	☑	Click to enter date.
13. All loose shipped components (valves, orifice plates, instrumentation, chemical injection, etc.) are installed per manufacturer guidelines. Yes	☑	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)



12/9/24

Brian Marquardt
Superintendent
Rhode Brothers Inc.
W5745 Woodchuck Ln
Plymouth, WI 53073

RE: Village of Kronenwetter, WI – Well No. 2 Water Treatment Facility
Tonka Water Job #J0030780

Dear Brian:

This letter is being sent to meet requirements for recertification of one(1) of the Vertical Pressure Filters that was dropped on it's side on October 31, 2024 while being moved into the building.

After working with our fabrication and inspection team it has been determined that if the vessel has no visual damage, all paint, weld seams, and internal components are in tact and secure the vessel does not need to be brought back for repairs. As noted in communication with Rhode Brothers, Inc and the site engineer, this vessel will be tested on site at the expense of Rhode Brothers, Inc to pressure rating of 130psi per design and ASME code, if this tests without issue all factory warranties will remain.

Once testing is completed, Rhode Brothers, Inc will need to send a copy of the test results to Nina Halverson at Kurita to keep in the project files.

Should there be issues with the testing Kurita needs to be informed immediately so we can begin working with Rhode Brothers and the site to make any necessary arrangements to complete repair, which would be at the expense of Rhode Brothers, Inc if they are a result of the vessel being dropped during installation.

Please reach out if there are any questions or concerns.

Sincerely,

Nina Halverson

Nina Halverson
Project Manager