



Bay Area Water Treatment Plant
 2701 N. Euclid Avenue
 Bay City, MI 48706

Bay Area Water Treatment Plant Technical Advisory Committee

October 1, 2020 @ 9:00 A.M. Bay Area Water Treatment Plant via *WebEx Meeting: 132 233 0506*

Partner	Member	Alternate
Charter Township of Bangor	Glenn Rowley	Karie Wardynski
City of Bay City	Bob Dion	Marty Jurish
Bay County Road Commission/ Department of Water & Sewer	Jim Lillo	Ed Rivet
Beaver Township	Steve Gray	Nick Tomczak
City of Essexville	Dan Hansford	Scott Wittbrodt
Frankenlust Township	Ron Campbell (Vice-Chairman)	Jim Begick
Fraser Township	George Augustyniak	Mark Galus
Charter Township of Hampton	Terri Close	Donna Samyn
Kawkawlin Township	Sam Davidson	Greg Petrimoulx
Merritt Township	Dave Schabel	Kathy Parrent
Charter Township of Monitor	Ken Malkin	Cindy Kowalski
City of Pinconning	Dawn Hoder	Yvonne Broderick
Charter Township of Portsmouth	Bob Pawlak	Kevin Kokaly
Charter Township of Williams	Paul Wasek (Chairman)	Tom Putt

1. Call to Order:

Chairman, P. Wasek called the Bay Area Water Treatment Plant Technical Advisory Committee to order at 9:02 a.m.

2. Roll Call - Members Present:

Paul Wasek (Chairman)	Jim Lillo
Ron Campbell (Vice-Chairman)	George Augustyniak
Ken Malkin	Glenn Rowley
Terri Close	Bob Dion
Sam Davidson	Steve Gray
Dan Hansford	Dave Schabel

Alternates Present:

Ed Rivet	Marty Jurish
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Others Present:

Bill Bohlen	Ryan Goebel
Trevor Jacobs	Jennifer Jones
Keri Christian	

Members Absent:

Bob Pawlak

Dawn Hoder

3. Approval of Minutes:

Chairman, P. Wasek motioned; G. Rowley supported to approve the September 3, 2020 meeting minutes as presented. All ayes, motion carried.

4. Public Comment:

None

5. Superintendent Report:

Superintendent, R. Goebel presented photos displaying the inside of the 10 MG raw water tank; the tank was drained and taken out of service on 9/28/2020 to be cleaned and inspected. Suez will be performing the inspection. Staff from DWS distribution and the WWTP have been on-site assisting with the cleaning process.

J. Lillo offered to send over an additional vac-truck from the BCRC to assist with cleaning the raw water tank, if needed.

Water flows have stabilized to between 6 – 8 million gallons a day. The water temperature is around 63° F. Chlorine levels in the system will start to rise as the temperature drops.

Director Report:

Director, B. Bohlen announced that the transfer of ownership has officially taken place for the Fraser, Monitor, Kawkawlin, Farley Rd, Knight Rd. and Williams water towers. The Merritt Township water tower will transfer ownership in December, 2020.

6. 2021 Budget Presentation:

Director, B. Bohlen thanked the TAC on behalf of the DWS for their trust and support of the DWS staff.

Superintendent, R. Goebel presented the 2020 BAWTP Accomplishments:

- FW Pump #1 was removed and replaced, new pump installed and in service
- Asset Management Plan, Risk & Resiliency Assessment completed internally – saving funds
- West Back of Substation improvements completed, put back in service for the first time since plant startup
- Operations trial work schedule deemed a success; Operators have found it to be more sustainable than swing shift. Chance of Operator turnover has decreased
- Security Policy created and implemented
- Worked with DWS Distribution to put 9 Mile Ground Storage Tank in service, along with mixers/altitude valves in Kawkawlin and Monitor Towers (*ongoing*)

- Worked out new deal with chemical supplier for Phosphoric Acid, saving over \$17,000 a year. Used part of the savings to fund a 36-month buyout lease on fork truck needed to unload chemicals
- Created Standard Operating Procedure to bypass Raw Water Tank and feed directly from pipeline. Cleaned and inspected Raw Water Tank for the first time since startup

Pending Legal Matters have significantly impacted the projected 2021 BAWTP Budget and wholesale water rate. Director, B. Bohlen presented the 2021 Wholesale Water Rate Forecast, Lawsuit Case Evaluation, Operational Changes and Capital Improvement Request.

Accounting Manager, K. Christian presented the 2021 BAWTP Proposed Budget Summary for the BAWTP, she gave a detailed explanation of the revenue and expenditures explaining how the wholesale water rate per CCF is calculated. A historical trend analysis of usage was used to estimate the cost of raw water for 2021. Operations, Maintenance, Administration and Reserve Fund line items were explained.

2021 Capital Project Request:

Superintendent, R. Goebel informed the TAC that the Clean-In-Place heater that is used to heat water for the membrane chemical washes has damaged coils. This heater is used frequently for cleaning the membranes and is adding additional expenses to the BAWTP electric utility bill due to the amount of time it takes for the heater to heat the water to the necessary temperature. The membrane filter permeability is starting to drop, which is requiring even more chemical washes. Installing a new gas heater for the tank would be cost effective and recoup the cost of replacement within 2 years. The installation of the new gas CIP heater could be done internally by the maintenance department. Accounting Manager K. Christian noted that if this Capital Project request is not approved, the 2021 electric utility budget line item will have to be adjusted to a higher dollar amount.

2021 BAWTP Goals:

- Continue corrective work on pipe supports/corrosion issues without interrupting plant requirements
- Complete Emergency Response Plan as required by EPA. Implement staff Emergency Response training and tabletop exercises; adding details of emergency situations or threats
- Complete General Plan & Reliability Study for plant and the entire distribution system, as required by EGLE
- Work with Distribution to complete mixer/altitude valves in remaining water towers
- Continue to be a high quality and reliable source of potable water for almost 100,000 people in 19 communities

Transmission Fund:

K. Christian presented the 2021 Proposed Transmission Fund Budget Summary. Revenue, Expenditures and Fund balances were explained. The Transmission Fund is set up to make water quality improvements that benefit the entire Bay Area Water System. Bids were received for installing altitude valves and they were double the amount budgeted. T. Jacobs is working with the funds available and prioritizing the list of Water Quality Improvements per the Bay Area Water Transmission System Operating Standard.

The budget summary documents will be sent electronically to each individual community after they are presented to the BCRC.

7. Other Matters:

B. Bohlen contacted the City of Pinconning Manager, Bob Moffitt and is expecting to receive documented confirmation of representation for the City of Pinconning TAC members.

G. Rowley has contacted the Director of the Bay County Health Department requesting permission to allow up to 70 guests at the Bangor Township Hall. If approved, he offered to host the November 5, 2020 Technical Advisory Committee meeting at the Hall. Chairman, P. Wasek accepted if approved.

8. Public Comment:

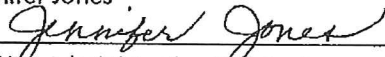
K. Christian reminded the members that she will be taking a leave of absence and requested that quarterly and year end documents be submitted in a timely matter for the auditors to process.

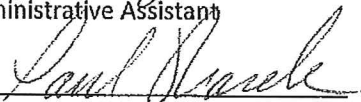
Chairman, P. Wasek encouraged all members to attend the November meeting.

9. Adjourn:

G. Augustyniak motioned, S. Gray supported to adjourn meeting at 10:07 a.m. All ayes, motion carried.

Respectfully submitted,
Jennifer Jones


BAWTP Administrative Assistant

Approved: 

Date: 11-5-20