

Curran-Gardner Townships Public Water District
3384 Hazlett Road | Springfield, Illinois | 62707-2522 | 217.546.3981
Tuesday, August 11, 2020 – 7:00 p.m. – Regular Board Meeting

Audio online: <https://www.currangardner.com/Meetings/minutes-agendas/>

Members: Chairman Mitchell, Vice Chair Mayes, Trustee Oschwald, Trustee Moss, Trustee Valois, Trustee Hammitt, Trustee Davis, Operations Manager Nelson, Engineer Middendorf, Treasurer Elsner, Secretary Ryg and Business Manager Graff

Guests: Wayne Benanti and Todd Folder

I. Call to Order at 7:00 p.m. and the **Pledge of Allegiance** was said.

II. Secretary (Ryg)

Trustee Oschwald made a motion to accept the July 14, 2020 minutes with corrections. Trustee Valois second the motion. The motion carried.

III. Treasurer (Elsner)

The CGTPWD Budget Report reflects 3.5 months or 29% of FY21 activity. Treasurer Elsner gave the following Income and Expenses Report for July 15, 2020, through August 11, 2020, which includes the Profit and Loss Budget Performance Report.

Income:

Month End District Water Income: \$125,640

Fiscal YTD Water Income: \$564,270

Month End District Income (including other income): \$130,607

Fiscal YTD for all income: \$617,077 = 32% of Budget

Expenses:

Month End Operating Expenses: \$98,786

Fiscal YTD Expenses: \$320,051 = 27% of Operating Budget

Net Operating Income (Loss):

The YTD FY21 Unaudited Net Operating Income: \$297,026

Budgeted Debt Service for this period: \$46,977

Capital Expenses for the period: \$11,118

Net Unaudited LOSS for period: \$26,274

Bills – Total Payments to Vendors (July 15 – August 11, 2020): \$113,022.48

Trustee Oschwald made a motion to approve the Treasurer's Profit and Loss Budget Report pending audit. Trustee Hammitt second the motion. The motion carried.

Trustee Oschwald made a motion to pay the bills. Trustee Valois second the motion. The motion carried.

Treasurer Elsner provided the First Quarter Profit and Loss report for the District's Reserves and Debt Fund company.

IV. Operations Managers Report (Nelson)

Water Report for June 15, 2020 through July 15, 2020:

- Amount of Treated Water Sent to Distribution System: 14,390,000 gallons (Noted: This was a 30-day billing cycle.)
- Amount of Water Billed to Customers: 12,783,698 gallons (includes bulk water sales)
- Total Amount of Water Sold to Customers (Produced at Water Treatment Plant): 14,390,000 gallons
- Amount of Water Loss (Percentage): 11.16%
- Amount of Water Loss (Gallons): 1,606,602 gallons
- Amount of Water Loss by Minutes: *37.2 gallons/minute

*A portion of this figure is attributed to the distribution system's hydrant flushing as well as water used from the hydrant at the Plant to dilute the Lime Sludge for pumping into tankers for disposal.

Disclaimer: No water from CWLP or the South Sangamon Water Commission or customer billings served by them had any bearing on the determinations made in this report.

Well #7 Progress: Brotcke, Well & Pump proposed a larger test well. Engineer Middendorf emailed the Board about his proposal and will expand on this in his report.

Well #4 and Well #5 Rehabilitation: The sporadic weather has interrupted the scheduled work on these wells. The dense tree canopies around the wells have also prevented the ground from drying.

The Fife Water Treatment Representative, Ed Yoho, has been jar testing at the Plant for the highest quality water. He comes highly recommended from Illinois Rural Water District and industry leaders. Jar testing will determine which chemicals will need to be added/subtracted to obtain the best water quality. The District is grateful for his assistance and advice with Well #6 testing as a pilot program before going live after the permit process. Operations Manager Nelson is in touch with Illinois Environmental Protection Agency's water manager, Steve Vance, regarding this.

Illinois Meter was contacted about the new water treatment plant valves. They were shipped on Friday, August 7, 2020. While one valve has arrived, the Plant awaits for the other valve to arrive soon. The next step is to contact Petersburg Plumbing for installation after both valves are on-site.

The legal action against Kinney Contractor has concluded with an award check from Kinney Contractor's firm. Thank you to all who have helped with documentation of this case and have done their due diligence including Attorney Ryan Byers of Rammelkamp & Bradney.

The Illinois Department of Transportation's Department of Project Implementation will render a check for \$10,321.90 for payment of services on the Route 125 relocation work.

CGTPWD field staff will haul-off old sheet rock and a small pile of brush from a flight dumping at the Old Covered Bridge Road tower site. There was damage on each side of the gate. A board member suggested cameras at this site.

A proposed, planned development called "Sloan Crossing" would be located between Old Salem Road, Bradfordton Road and Old Jacksonville Road. This subdivision will have up to sixty-four building lots. The District has water mains already in distribution on Old Salem Road, Bradfordton Road and Old Jacksonville Road. The District checked water hydrant flow records which show the District can provide over 1,000 gallons per minute to the area. This is the flow needed to meet the City of Springfield's criteria for residential areas. Noted: This proposed project was originally known as the Vineyards.

The Wagon Ford Road project yielded two sets of satisfactory bacteriological water samples from the water main. The operating permit application was completed, signed and submitted to the Illinois Environmental Protection Agency's Permit Section on Thursday, August 6, 2020. Upon receipt of the approved operating permit, the twelve new customers will be notified that they may connect to the CGTPWD meter pits. Office Manager Graff said that nine customers have set up his/her account and only three more of the twelve customers need to do this.

The Prairie Creek Road water project is progressing quickly due to drier weather. All water mains and hydrants were installed. The main water main was pressurized and disinfected. The Coliform sampling will take place next week. Customer's meter pit installation at his/her property line will occur once the District receives payment and a permit is obtained.

On July 29, 2020, Trustee Davis, Chairman Mitchell and Plant Manager Nelson met on July 29, 2020, to go over notes for the meeting that occurred between CGTPWD and CWLP. They discussed each party's role in the intergovernmental agreement. Trustee Davis, Chairman Mitchell and Secretary Ryg met with CWLP at a later date at the City of Springfield Municipal Building.

V. Business Manager (Graff)

The Board approved up to \$250,000 to upgrade the meters to a cellular reading platform since the current meters are malfunctioning and not upgradable due to outdated technology. The request for proposal/bid was advertised in the newspaper for two weeks. The District received one bid for 850 meters in the amount of \$236,475.00 from MidWest Meter.

The following were the bid spec:

Midwest Meter (Joe Morell) prepared a bid for new meters. It was dated July 30, 2020 and included:

- 200 Badger M-25 Encoders with Cellular
(Endpoints to Retro-fit Existing M-25 Water Meters Currently In-service)
- 300 Badger 5/8 x 3/4 M-25 Water Meters Complete with Cellular Endpoints
- 50 Badger M-70 Encoders with Cellular
(Endpoints to Retro-fit Existing M-70 Water Meters Currently In-service)
- 300 Badger 1" M-70 Water Meters Complete with Cellular Endpoints
- 1 Badger 2" M-170 Water Meter Complete with Cellular Endpoint

It was the consensus of the Board to use MidWest Meter.

Business Manager Graff will work with Operations Manager Nelson to identify the phases of meter installation. The Beacon Software has been installed and staff have been trained. Business Manager Graff has scheduled the cellular training portion with Midwest Meter. A 2" test meter was installed to ensure all is functioning properly. Wagon Ford Subdivision will be the first to receive cellular meters as there are twelve accounts. The goal is to test and retest readings before billing occurs. The meters are due the next week after the CGTPWD August Regular Meeting.

Liens: Two customer accounts have been filed and two customer liens have been paid in full.

Beacon Software: July was the first cycle for the new Beacon Software reading. The new meters are picking up readings with much success as there were only three re-reads needed. Previously, before the new Beacon Software, the District averaged twenty-five re-reads per billing cycle.

VI. Engineer Middendorf

Engineer Middendorf gave each person in the room a (color copy) topographical map copy of the Curran-Gardner Townships Public Water District Well Field Resource Inventory Map. It listed the wells plotted out in addition of Ramesey Test Hole 1, Ramsey Test Hole 2, geoprobe location, proposed Well #7 site, test bore alignment and Well #7 test bore.

- A. Water Treatment Plant: The isolation valve from HS to the backwash line needs to be addressed. It is leaking and allowing air mitigation. The results are in from the three high service pump tests. The Plant is awaiting one more valve (one arrived).
- B. USDA Phase I WTP Improvements: Leander is addressing the warranty punch list items. The Merrick representative has been onsite to reprogram PLC and VFD to auto restart. Roberts senior manager is involved to assess the backwash air distribution issue. AAC

has completed their reprogramming. CGTPWD plant staff can now automate plant output rates and feed pace chemical feed sensors/user setpoint. The FIFE Chemical Representative has been onsite and jar testing for the best possible water quality. He has assessed the Plant's chemical profile and provided valuable feedback. Loellke and O'Shea are preparing quotes to provide a new floor and drains in the Chemical Feed Rooms.

- C. Well #7 Study/Design: Brotcke completed the northern test well and there is too much clay for this area to be a viable site. MECO Engineering Company continues to assess the southern site and possible pump test well.

VII. Guests – n/a

VIII. Chairman, Vice Chairman and Committee Reports

- A. Chairman: Chairman Mitchell, Trustee Davis and Secretary Ryg met the City of Springfield contacts below on Thursday, July 30, 2020, at 11:30 a.m., regarding their CWLP Intergovernmental Agreement.

Those attending on behalf of CWLP (plus contact info):

- ✓ Jim Langfelder, *Mayor of Springfield*, 800 East Monroe Street, Springfield, Illinois, 62757. Jim.Langfelder@cwlp.com Phone: 217-789-2468
- ✓ Ted Meckes, *P.E., Water Division Manager*, City Water Light and Power, 800 East Monroe Street, Springfield, Illinois, 62757. Ted.Meckes@cwlp.com Phone 217-789-2116 ext. 2612
- ✓ Todd La Fountain, *P.E., General Superintendent of Water Purification Plant*, City Water Light and Power, 3100 Stevenson Drive, Springfield, Illinois, 62703. Todd.LaFountain@cwlp.com Phone: 217-652-8937.
- ✓ Doug Brown, *Chief Utility Engineer*, City Water Light and Power, 800 East Monroe, Fourth Floor, Springfield, Illinois, 62757. Doug.Brown@cwlp.com Phone: 217-789-2116 ext. 2659

Chairman Mitchell gave CGTPWD Trustees a briefing on the meeting. City boundaries along with District boundaries were discussed along with our USDA Loan, data to obtain it among other topics. Chairman Mitchell explained that CGTPWD will not allow such encroachment by the City. The CGTPWD and Attorney Ryan Byers of Rammelkamp & Bradney will send the City of Springfield a letter clarifying what changes the District seeks within the Intergovernmental Agreement.

Trustee Davis brought to the Board's attention several issues facing CWLP Water Division that may significantly increase the wholesale price of water charged to the District at the master Meters.

It was noted that since there are talks of boundary issues, the City of Springfield/CWLP suggested contacting the USDA loan processor or to go over boundaries since she would

know best. The Board will send CWLP/City of Springfield a letter. The goal of the District's letter to CWLP will highlight the following:

1. Still recognize that all existing master meters (which cost approximately 30,000 each) will continue to be owned by the District that CWLP will continue to provide water at the existing wholesale rate.
2. That CWLP will not attempt to encroach into the District's boundaries to service new customers except in a situation involving a master meter. All new tap-ons from these master meters would be District customers.
3. That CWLP will not invoke that any new connections within its corporate limits to a point 1.5 miles past their incorporated limits. Also, the water mains will be able to produce 1,000 gallons of water per minute for the purpose of fire protection in residential zones and be able to produce 1,500 gallons of water per minute for commercial zones.
4. That the District obtain, in writing, a long-term price for the water purchased from CWLP via the Master Meters based on inflation rate and 0.5% rate combined.

Chairman Mitchell said the District will be sending the City of Springfield a letter soon.

- B. Vice Chairman – Vice Chair Mayes said he appreciated the Board's thoughts, prayers and condolences that were received and welcomed.
- C. Finance (Valois, Oswald): Trustee Oswald asked about the yearly audit. Treasurer Elsner said a draft was prepared. It will be sent to CGTPWD soon.
- D. Planning (Hammit, Moss) – n/a
- E. Personnel (Mitchell, Valois) – n/a
- F. Systems Over-sight (Mayes, Davis) – n/a
- G. Policy and Procedure Committee (Valois) – n/a
- H. Ordinance Committee (Mayes) – n/a

IX. Ongoing Business

- A. CGTPWD/CWLP Update on Intergovernmental Agreement (Mitchell): This was updated during the Chairman's report
- B. Discussion: Open Topic for Consideration

X. New Business

- A. Discussion: Proposal to construct a pumping test well: Chairman Mitchell spoke about the 3900 GeoProbe and past problems with probes at well site #7. It was the consensus of the Board to have more testing done at the site.

Trustee Oschald made a motion to approve up to three more test probes – up to \$1,400.00 per probe – at Well #7 and forgo the Brotcke probe. Vice Chair Mayes second the motion. The motion carried.

(8:33 p.m.)

B. Open Topic for Consideration

XI. Executive Session – none

XII. Adjournment at 8:35 p.m.

Chairman: Signature and Date

Secretary: Secretary and Date