

A regular meeting of the Gratiot Area Water Authority was called to order at 12:01 p.m. by Chairman Kurt Giles in the Alma Municipal Building. A quorum of the Authority Board was present.

#### *Roll Call*

Authority members present: Kurt Giles, Matthew Schooley, Melissa Allen, and Tom Reed.

Authority members not present: Don Pray (excused) and Roxann Harrington (excused).

Others present: David Ringle, Cynthia Michels, and Keith Risdon.

#### *Approval of Minutes*

**Motion by Allen, seconded by Reed, to approve minutes with corrections to typographical errors in engineer's update as noted. Motion carried with unanimous voice vote.**

#### *Communications*

Chairman Giles briefly reviewed the groundwater elevation monitoring technical memo. Assistant Public Services Director, Dave Ringle, explained there didn't seem to be anything noteworthy in the patterns at this time.

#### *Other Business*

Chairman Giles reviewed the PFAS Press Release. Brief discussion followed.

Chairman Giles also brought up for discussion the asset updates. He noted some work needs to be done before projects can be closed out. Keith Risdon, St. Louis Public Services Director, said there needs to be some clarification before assets can be finally assigned to a city. He doesn't believe the details are spelled out in agreements. Authority members decided to send the matter to the Finance Committee for review, and relist the item on the agenda for their January meeting.

#### *Reports*

Chairman Giles offered the following two updates received from Fishbeck, Thompson, Carr, and Huber.

#### October Engineering Update for GAWA

##### **Wells 10 and 11 Raw Water Transmission Main**

- The executed Certificate of Substantial Completion was issued October 3, 2018 with an updated punch list. The Substantial Completion date has been established as May 7, 2018.
- The Contractor was directed to move forward with drainage improvements at the bend at Ennis and Van Buren Roads.
- A final project modification has been developed and is being reviewed by Crawford.

##### **Wells 10 and 11 Well Houses**

- The project punch list is complete except for turf establishment. Reseeding was conducted.
- Project retainage has been approved to be reduced to \$15,000.

##### **Wells 10 and 11 Wells Contract**

- Project is complete and closed out.

##### **Water Reliability Study**

- Owner comments were received, and report updates are in progress.

##### **Well Abandonment**

- FTCH is working on a proposal for the abandonment of City of St. Louis wells.

##### **Hydrogeological and Well 12**

- Further activity to locate Well 12 is pending feedback/approval from EPA.

**Groundwater Monitoring**

- Groundwater level data monitoring was extended for two quarters.

November Engineering Update for GAWA

**Wells 10 and 11 Raw Water Transmission Main**

- The drainage improvements at the bend at Ennis and Van Buren Roads have been completed.
- Bare spots along Riverview and in Alma were reseeded.
- The Contractor has issued a paint submittal for painting in the valve vault.
- Groundwater still appears to be entering the valve vault at the pipe penetrations. The Contractor was advised to talk to a water proofing contractor to address.

**Wells 10 and 11 Well Houses**

- Reseeding was conducted at the well house sites, and turf is coming in.
- A recommendation for final payment will be presented to the City when received from the Contractor.
- The “as-built” record drawings are complete and will be issued this week.

**Water Reliability Study**

- The final report will be completed this week and then can be issued to MDEQ.

**Well Abandonment**

- The proposal for the abandonment of City of St. Louis wells is in development.

**Hydrogeological and Well 12**

- Further activity to locate Well 12 is pending feedback/approval from EPA.

Discussion followed about abandoning wells, and terrace restoration.

Alan Leute arrived at 12:18 p.m.

Dave Ringle, Assistant Public Services Director, answered questions about water production reports for September and October. He noted reductions in production numbers are likely due to the season change.

**Motion by Reed, seconded by Schooley, to receive and place on file the following reports: Engineer’s October Update, Engineer’s November Update, September Water Production Report, and October Water Production Report. Motion carried with a unanimous voice vote.**

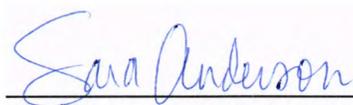
*Appropriations*

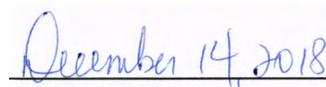
**Motion by Schooley, seconded by Allen, to approve Warrants 19-3 and 19-4, and the several amounts scheduled therein, also to ratify payment of the same. Motion carried with a unanimous voice vote.**

*Public Comment*

No public comment was offered.

**Motion by Schooley, seconded by Reed, to adjourn the meeting at 12:22 p.m. Motion carried with a unanimous voice vote.**

  
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Sara Anderson, Recording Secretary

  
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Date of Approval