



MINUTES
Springville Water Advisory Board Meeting - NOVEMBER 14, 2019

MINUTES OF THE SPRINGVILLE WATER ADVISORY BOARD MEETING WAS HELD ON THURSDAY, NOVEMBER 14, 2019 AT 6:30 A.M. AT THE SPRINGVILLE CIVIC CENTER, 110 SOUTH MAIN, ROOM 217, SPRINGVILLE, UTAH.

Committee Members in Attendance: Rollin Hotchkiss, Alton Beck, Nile Hatch, Bryan Boshell, John Clemons, Rod Andrew

City Staff: Brad Stapley, Shawn Barker, Marcie Clark

CALL TO ORDER

Mr. Hotchkiss welcomed everyone and called the meeting to order.

APPROVAL OF THE MINUTES

Mr. Beck made a motion to approve the September 12, 2019 minutes. Mr. Clemons seconded. All were in favor.

Mr. Hotchkiss mentioned that he had hoped to get an update on Utah Lake, but Mr. Stapley informed him that there wasn't any new information to report. Mr. Stapley did give a brief update on algae bloom and the treatment plant. The State is hitting us with the phosphorous and they've given us a variance to do some benchmarking. We received preliminary results on the plant and the phosphorous level was down to .41 by inserting chemicals. The target is below 1.0. The good news is we can do that chemically with the plant we have, but the bad news is we are producing more sludge because we're pulling out the phosphorous. The chemical is really expensive. We have Aqua Engineering looking at dosing to keep our costs down vs. the appropriate level. We also want to try Ergofito, which produces more methane gas, and another chemical called Hycura. We will be working with the State on this. We will have to build a permanent structure for the chemicals.

Mr. Stapley mentioned that he saw algae bloom in the northwest too, which is due to climate change. Every body of water is different.

Mr. Hotchkiss recommended a tour of the treatment plant some time.

COMMITTEE BUSINESS

1. **Approve 2020 Annual Meeting Schedule** - Mr. Hotchkiss and Mr. Beck noticed the agenda says the meetings will be on the second Tuesday, but we changed that to the second Thursday of every other month. Ms. Clark will change that to Thursday. Mr. Hatch made the motion to approve the schedule; Mr. Clemons seconded. All were in favor. Mr. Hatch asked if every other month was enough. Everyone agreed that it was, with the understanding we can call extra meetings if needed.
2. **400 S Well #2 Update** - Mr. Barker stated that the contractor is working on punch list items now. The State still hasn't issued an operating permit. We still need to run the well into the system to make sure everything is okay. The State is doing things differently and they don't like to issue temporary permits anymore. Mr. Stapley mentioned the chlorine equipment we put in voluntarily and the State wants us to put in a chlorine analyzer now. It's not required by law, so we're working with the State. If we turn it on without a permit, we would get 125 IPS points against us. Mr. Barker clarified that we can run the well, but the water cannot go into the system until we get a permit. Mr. Hotchkiss asked if it was required to chlorinate the water because of its quality. Mr. Stapley explained that none of our wells are required to chlorinate by law. Mr. Barker stated that we are required to keep a traceable amount of chlorine in the system. In the summer months, when we're pumping a lot, it becomes more difficult to keep that detectable amount of chlorine in the system, so that was his aim in having the detectable chlorine. Mr. Stapley explained that we chlorinate at the springs already. But we want to maintain our chlorine residual

at the furthest most part of our system. We currently only have one well (Evergreen) that has a chlorinator analyzer, and we don't use that well much. Mr. Stapley thinks the State has a great idea with the analyzer, but they shouldn't make us do it. If the State funded it, we would be okay with that. Mr. Barker stated that we do run the Evergreen Well to get samples, but we don't use the water in the system.

3. **Bartholomew Tank Replacement Status** - Mr. Hotchkiss mentioned that the September minutes show originally it had been planned for 500,000 gallons and then it went up to 1.4 million gallons. Mr. Stapley explained that we had originally downsized the tank because we didn't think we needed the source capacity and we were "budget strapped". The bids came in and the cost per gallon was more than a bigger tank. Concurrently, we had our water master plan, which showed what our fire storage, our emergency storage, and our regular storage required by the State, and with our current tanks, it made sense to bring that back to the 1.4 million gallons. It left us with just enough storage capacity to meet State requirements for the next certain while. However, we are going to be building another tank in the next few years because of what we're finding as far as what our growth is doing to us.

Mr. Barker stated that we awarded the bid to FX Construction and we are getting more bang for our buck with this bid. One reason is the location. The initial site was different, up in the turn-around area above the existing tank. The current plan is to do it on-site, which eliminates a lot of excavation. But that also comes with some challenges, because we had to account for fire flow. The existing tank will be taken down and we will rely on spring water through the winter. They will be starting in the next few weeks with the pipe work. Once the weather breaks, they will start constructing the tank. Mr. Stapley mentioned that the water storage for users in the canyon will be the penstock and the continuous flow of the springs. The concern was fire flow while the tank is down, but we have permission from Utah County Fire to go ahead.

4. **Center Street Water Service Replacement Status** - Mr. Barker reported that Cody Ekker is working on punch list items right now. They replaced all the services and everything is paved. The project went pretty smoothly. Mr. Stapley mentioned that we did a lot of PR on this project and we didn't have many complaints. There are some high patches in the road, but we are hoping they will settle over the winter. The second part of this project is a mill and overlay in the spring.
5. **Bartholomew Spring Area Repairs** - Mr. Barker reported that several of the springs in Bartholomew Springs (pipelines) have leaks, which were making contamination a possibility. We severed the line and took 3 springs off line. We want to install meters on each spring, but because of the high water year, it has been difficult to get in there. This project will take a while. Mr. Hotchkiss asked about mountain creep and if that is a factor in causing these leaks. Mr. Barker thinks it's just age. Some of the pipes get root infiltration and deteriorate over time.

Mr. Hatch asked about our water year as far as culinary consumption and supply and demand. Mr. Barker reported that revenues were down over our projections. Our production numbers weren't too high. There may be conservation happening, or it may be related to weather.

Mr. Hotchkiss asked about the water board member terms expiring. Is there a limit on terms? Mr. Hatch asked if there should be new people as members or stay with expertise. Mr. Stapley stated that he likes having the expertise. We need to find out if Calvin Crandall wants to continue, as he represents the irrigation companies. Mr. Stapley mentioned that the Springville Irrigation Company is winding down. There isn't much land left in the west fields that hasn't been developed. The City owns between 48-51% of the water shares.

Mr. Stapley talked about a section on 1200 West between 700-900 South that doesn't have pressurized irrigation. We are going to city council next week with a temporary construction easement west of 1200 West to put that line in. We have money budgeted for that this year.

Mr. Hotchkiss asked about a new road that is proposed to go in north and south. Mr. Stapley explained the 1200 West MAG project that will eventually go from 1400 N down to Spanish Fork. We have MAG funding coming for what will be called segment 3, that will be for 1200 West between 400 South up to 550 North. That money will be available January 2021. Then we also plan to connect 1200 West from 1600 South into Spanish Fork, which will connect to Canyon Creek Parkway. Segment 4 will include connecting 1200 West from 550 North up to SR 75 (1400 N). He also talked about the 1600 South I-15 project and the things that will need to happen with the rail road tracks east of SR 51. UDOT is currently working on environmental studies for the off ramps on 1600 South.

FYI - November 19, 2019 - the Sewer Master Plan will be going to City Council work session at 5:30 p.m. Mr. Clemons mentioned he would like to attend.

Next meeting - Mr. Hotchkiss would like a follow up on the Sewer Master Plan and discuss field trip plans to the 400 South Well #2.

Water/PI Master Plan will go before city council on December 3rd work session at 5:30 p.m. Hansen, Allen & Luce will present the master plan. We will be teaching about it, not adopting it. Adopting will come later. Incoming council members have been invited to that meeting. Mr. Hotchkiss would like to have a representative there from the Water Board. Mr. Hotchkiss will try to attend that meeting.

ADJOURNMENT

Mr. Hatch moved to adjourn. Mr. Andrew seconded. All were in favor.

Meeting adjourned at 7:35 a.m.