



MINUTES
Springville Water Advisory Board Meeting - SEPTEMBER 12, 2019

MINUTES OF THE SPRINGVILLE WATER ADVISORY BOARD MEETING WAS HELD ON THURSDAY, SEPTEMBER 12, 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, Cl. Craig Jensen

City Staff: Brad Stapley, Shawn Barker, Marcie Clark

CALL TO ORDER

Mr. Hotchkiss was running late so Mr. Beck welcomed everyone and called the meeting to order.

APPROVAL OF THE MINUTES

Mr. Clemons made a motion to approve the May 9, 2019 minutes. Mr. Hatch seconded. All were in favor.

COMMITTEE BUSINESS

1. **400 S Well #2 Update** - Mr. Barker reported that the project is nearing completion. The test pump is scheduled for Monday, September 16th. The contractor pulled off the job for a few weeks and there is a short list of items to be completed.
2. **Bartholomew Tank Replacement Status** - Mr. Barker explained that the bid is currently out to replace the Bartholomew Tank. The initial bid was for a 500,000-gallon tank. The current tank is 1.4 million gallons. The bid last year came in extremely high because of the location. Since then we have been working on the water master plan update and we realized we need to do another 1.4 million-gallon tank. The scope was changed to put it in the same location and we should get better prices with this bid. During construction we will be relying on straight spring water without any storage. The construction could take 6-7 months. We will be giving the contractor until next fall to complete it. The timeline for the last bid was really tight and we didn't get many bids. This time, we stretched out the timeline and we had quite a few contractors show up to the pre-bid meeting, which is a good sign.

Mr. Barker stated that we had problems with heavy spring runoff this past spring. In early May we started to get in the 9,000 gpm range and we found the transmission lines between the springs were leaking. We decided to disconnect the pipeline and divert it into the wash to prevent contamination. A short time later, we found a spring box that an avalanche had pulled the top off. We are disinfecting the entire pipeline and will get the top back on this week. We can then get this spring back on line and the power department can then run their hydro again. We are running 1,600 gpm out of only two springs in Bartholomew. Mr. Stapley stated that we're only using 2 of 6 collection zones right now. Mr. Barker explained that we will have meters on the three springs and then make a plan. We don't have rights for all the water up in Bartholomew right now. We have to divert a lot of water back to Hobble Creek at Rotary Park.

Mr. Stapley mentioned that with the adjudication, the City wants to use Highline Ditch water rights back up to Bartholomew Canyon so we can use more in the tank. We have a 6.5 water right and we only use 2. We only have 64 users on Highline and most of them don't have really big lots. Some of them don't have any rights for Highline; they just buy time. We will be looking at bulk rates for those with a lot of land. The State is very aware of our intentions.

3. **Center Street Water Service Replacement Project** - the Street Department has a mill and overlay project scheduled for next spring. They have accommodated the Water Department by letting us go in and replace 97 aging galvanized water services between Main and 1470 E ahead of that project. The contractor is currently working between 100-200 East. We'll just patch trenches this fall and do an edge mill now and repave next year. This will save money on asphalt costs.
4. **Bartholomew Spring Area Repair Status** - already addressed.
5. **Culinary Water Master Plan Status** - Mr. Barker explained that we are in the final stages of updating this plan. We've found some discrepancies between us and the consultant engineer and are getting those cleared up. Mr. Stapley mentioned that once the master plan is done we'll drop those projects into our 20-year plan.
6. **Water Storage and Spring Discharge in the System** - Mr. Barker displayed a spreadsheet on the screen, showing spring production comparisons for 2018 vs. 2019. Flows are quite a bit more this year than last. Last year all six springs in Bartholomew were producing. In July (2018) we had 800 gpm and this year we had 3,700 gpm. A water use spreadsheet for 2019 was also displayed and reviewed. This spreadsheet is for tracking water for the year and converting it to acre feet. The only applicable gpm is spring flow. Mr. Beck asked if we were using the 10th S Well. Mr. Barker stated that we haven't had to use it this year. Mr. Hatch asked about how weather affected water revenues. Mr. Barker explained that we had lower revenues, but part of it was mis-forecasting the industrial revenues.
7. **Summary of PI Connections** - Mr. Barker stated that 860 meters have been installed. We have more customers than that because many are served behind a master meter. The system is still growing. Mr. Beck asked how the Pole Creek Fire (dipping out of the pond) affected the water level. Mr. Barker said it didn't affect it at all. We were overflowing at the time. Mr. Stapley mentioned that the PI Master Plan that we are in the process of getting adopted assumes that all of the west fields is connected to PI. When PI started, it was voluntary connections. This updated master plan will require everyone to connect to PI. Mr. Stapley displayed the PI map. There are some areas in the City that have PI lines, but they are dry. There also isn't a PI line under I-15 yet. Mr. Hotchkiss asked if we are tracking how much the City is saving because of culinary water not used due to PI use. Mr. Barker hasn't been tracking that, but it would be easy to get based on utility billing. Mr. Stapley explained how the City is looking at different options to maximize water, such as moving water rights from Highline Ditch to Bartholomew Tank, well development on Canyon Road Well and extending the spring time at Bartholomew. Mr. Barker stated that we haven't had issues with delivery to the system from the pond. We had one major break since the system has been on line this past spring. There was brief discussion on how we get everyone to connect to PI when it was voluntary initially. Mr. Hotchkiss asked how much it costs to connect to PI. Ms. Clark explained the fees are \$270 for a meter, \$50 for the inspection, plus parts and installation. Mr. Hatch asked how much the usage is. Mr. Stapley stated we don't know the average usage off the top of our heads. Mr. Barker believes there are about 600 homes not connected. Many of those homes didn't connect to PI because they had to go under driveways and it could have cost a few thousand dollars to do that. Mr. Stapley talked about Bartholomew Pond. Mr. Barker stated that we're treating the pond with a chemical called Earthtec, which helps with the algae. The problems come mostly from people and the chemical doesn't hurt the fish. The amount of people using the pond hasn't been a problem yet, but it could be in the future.
8. **20-year plan** - Mr. Stapley stated that until we finish the master plan, we can't adjust the 20-year plan. From how it was set last year, we have about 3 years before we go negative on projects. The master plan defines projects and will move them around. It gives us a snapshot of where our problems are. Mr. Hatch asked about Plat A pipes. Mr. Barker said we don't have a history of a lot of leaks or broken mains. Mr. Beck asked about rates for Plat A Irrigation and canyon users. Mr. Stapley explained that Mr. Barker has been working on that. We're still subsidizing, but at less of a cost.

Mr. Hotchkiss asked that for next time we get an update on the Utah Lake water quality issue and waste water.

ADJOURNMENT

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

Meeting adjourned at 7:32 a.m.