

1 **MINUTES OF THE SPRINGVILLE CITY WATER BOARD**

2
3 Tuesday, November 8, 2016
4 6:30 a.m.
5 110 South Main Street
6 Springville, Utah 84663
7



8
9 **ATTENDANCE**

10
11 Councilmember
12 Richard Child

Secretary
Marcie Clark

13
14 Board Members
15 Alton Beck
16 Nile Hatch
17 Calvin Crandall - absent
18 Rollin Hotchkiss
19 Rod Andrew - excused
20 Bryan Boshell
21 John Clemons

City Staff
Brad Stapley – Public Works Director
Shawn Barker – Water Superintendent - absent

22
23 The minutes from the October 11, 2016 meetings were reviewed. Mr. Clemons made a motion to approve. Mr. Beck
24 seconded. All were in favor.

25
26 Mr. Hotchkiss reviewed the 2017 Water Board meeting schedule. There were no changes. Accepted as written.

27
28 Mr. Hotchkiss stated that the 2nd agenda item is Culinary Water Tiered Rates. It feels like we've been talking about
29 this for a really long time. Mr. Beck would like to wrap it up and make a recommendation. Mr. Hatch has spent
30 more time reviewing the data and has more to add. But, he still needs to get with the utility department to get more
31 information.

32
33 Mr. Stapley mentioned that the Water Board needs to review the Water Conservation Plan at the December meeting.
34 The plan needs to be adopted by City Council and sent to the State before the end of the year. Engineering has been
35 busy working on the Aquatic Center and 1200 West road design as well. Mr. Stapley will check to see how soon he
36 can get it out to the Water Board members for review. He also needs to find out if City Council will be having a
37 meeting on December 20th.

38
39 Mr. Stapley would also like to talk about the use of water in Hobble Creek Canyon in future meetings, probably
40 January. All new connections up the Canyon have to be approved by City Council. If the County changes their land
41 use, there are going to be people asking for water. We need to have a plan. This issue could take 3-4 months to get
42 through.

43
44 Mr. Hatch has a few data problems to work out. He has been concerned that only 48% of the residents are in tier 1
45 and 95% of residents are in tier 2. When we created the tiers in 2005, we made tier 1 lower (.95/1000 gallons) and
46 many residents saw a decrease in their water bill. The boundaries of 20,001-60,000 are quite high and not really
47 having much impact. The other tiers are for a really small group. Overall, usage is better than before the tiers went
48 into effect.

49
50 Mr. Hotchkiss said we have two choices: 1) Change the charged amount and keep the rates the same. That will be
51 viewed as a price hike. 2) We can change the boundaries. That will be seen as a water conservation move and will
52 raise more revenue. We have to ask ourselves: Are we trying to raise more money or conserve water? Cl. Child
53 answered "both".

54
55 Mr. Hatch mentioned that if we took the 60,000 down to 30,000, 2/3 of the residents would still be in tier 2.
56

December 13, 2016
Approved

1 Mr. Stapley mentioned that when this was created, the City Council didn't want to burden the elderly, fixed income
2 people or the poverty stricken. Can we still design the tiers to protect those people?
3

4 Mr. Hatch is only looking at hot summer months – June, July, and August. And yet almost 50% of the residents are
5 staying under 20,000 gallons. That is a lot more than fixed income. We don't have a lot on demographics for
6 households. He wants to know how many residents in each house. Or, the square footage of each property. His data
7 also shows that 18% of residents stay in tier 0 (that's part of the 48%).
8

9 Mr. Hotchkiss stated that it's likely we'll never have enough data to make a perfect decision. We have been looking
10 at data for months, but haven't come up with any solid alternatives for changes.
11

12 Mr. Stapley stated that the best way to conserve culinary water is to have a secondary system. We're also working
13 on moving water shares into wells, so we can pump water out to feed the culinary demand.
14

15 Mr. Stapley said that by changing the rate structure, the use will come down a little bit and income will go up some.
16 Mr. Stapley displayed the tiers on the screen. Mr. Hatch mentioned we keep talking about raising the higher tiers, but
17 it's only 2% of the users, which use 10% of the water.
18

19 Mr. Hotchkiss suggested changing the boundaries and raise the last two tiers - drop 20,000 gallons to 15,000 gallons,
20 60,000 gallons to 40,000 gallons, then maybe change the next tier to 40,000 to 100,000, or add another tier.
21

22 Mr. Hatch estimates that if we made those changes, 80% would be below 39,000 gallons. About 15% of the residents
23 would be between 40-100,000 gallons.
24

25 Cl. Child suggested raising the lower tiers a little bit also, so it doesn't look like we're targeting.
26

27 Mr. Hatch stated that compared to other communities, Springville has cheaper water than surrounding communities.
28 American Fork charges double for their base rate.
29

30 Mr. Stapley is still working with Mr. Barker on 15-year plan. We're still trying to figure out how much we need to
31 spend to keep going.
32

33 Mr. Stapley reviewed the PI data. We ended up with 971 equivalent residential connections (ERC) - 611 single
34 family residences, 127 master meter, 123 city parks, 35 commercial business, and 75 common areas in HOA's. That
35 results in 32,500 gallons/ERC = 31.5 Million gallons per month. That equates to about half the Canyon Road Well
36 production in gpm. The PI system really helped us this year.
37

38 Mr. Hotchkiss asked how much PI water we have. At what point is Bartholomew Pond too small? Mr. Stapley
39 didn't have that data, but he's confident we will have enough water for the West Fields. Even though Springville is
40 growing quickly, we're slowing the culinary growth down because of the secondary system. Cl. Child mentioned that
41 using CUP water is really expensive. Mr. Stapley doesn't anticipate ever using their water, if we do things right.
42 Mr. Stapley explained that we can provide secondary water in more areas west of the high school, but some areas will
43 require us to tear up every road in order to put in the infrastructure. The costs are very different from what we just
44 did this past year.
45

46 Mr. Stapley mentioned that we will be drilling a new well at 400 South this winter. It should be on line in summer of
47 2018.
48

49 Mr. Hatch made some changes on his computer and figured 1.4 million additional revenue if we change the
50 boundaries as discussed. Mr. Stapley would like to check those numbers. It feels high.
51

52 Mr. Stapley wants to make sure we have good data to back up our recommendation before going to City Council.
53

54 Mr. Hatch is still working on a contract with Mr. Barker for all his work on tiered rates. He plans on working on it
55 over the Thanksgiving break.
56

1 Mr. Hatch stated that the top 1% of users are using 10% of the water. The top 5% of users are using 25% of the
2 water; above 60,000 gallons/month. The top 1% are using above 86,000 gallons/month.
3

4 Mr. Hotchkiss suggested changing the tiers to 20,000-40,000 gallons, 40,000-80,000 gallons, and then anything over
5 80,000. Mr. Stapley worries that City Council will freak out if we drop off three tiers, after they've been used to
6 seeing six tiers. Cl. Child doesn't think they will if it's explained well. Mr. Hatch stated that Utah has unreasonably
7 cheap water.
8

9 Mr. Hotchkiss asked Mr. Hatch to run some numbers on what has been discussed and we'll re-visit it next month and
10 approve it.

11
12 Mr. Hatch moved to adjourn. Mr. Beck seconded. All were in favor.

13
14 *Adjourn* – This meeting adjourned at 7:15 a.m.
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