

HIGHLAND CITY WATER ADVISORY BOARD

Tuesday, July 9, 2019, 7:00 a.m.

The Highland City Water Advisory Board met in a regular session on Tuesday, July 9, 2019 in the conference room at Highland City, 5400 W Civic Center Dr., Suite 100, Highland City, commencing at 7:00 a.m.

PRESENT: Tavis Timothy, Conducting
Mark Thompson
Brent Wallace
Jim Horrocks
David Bunker
Drew Sparks

STAFF PRESENT: Todd Trane
JoAnn Scott
Jeff Murdoch

OTHERS PRESENT:

Tavis Timothy welcomed all present and called the meeting to order at 7:04 am.

APPROVAL OF MINUTES:

1. Action to approve the minutes of April 16, 2019

MOTION: Mark Thompson motioned to approve the minutes of April 16, 2019.

Seconded by Jim Horrocks.

Yes	-	Tavis Timothy
		Mark Thompson
		Brent Wallace
		Jim Horrocks
		David Bunker
		Drew Sparks

Motion passes.

PROJECT UPDATES:

2. **Update on the water sources.**

Jeff updated the Board on the spring run-off to date this year. Staff had anticipated more flooding but as it turned out, the flooding has been minimal. Ernie John did a great job managing the weir. Ernie had practically been living at the weir for the past 2 months, keeping an eye on the water flows. There is still water running down the river. Jeff stated that Highland City has not used a lot of stored water. Jeff is able to sustaining with what is coming from the canyon. Jeff is pumping a well to resolve some pressure issues with everything else coming from the canyon. This is very unusual for July.

Mark stated that Jordanelle and Deer Creek did spill a little this year.

Water has been supplied to Alpine Country Club and American Fork City's lower pond. Overall, this has been a very good year.

Jim questioned what the amount of silts are in the system this year. He feels it impacts the conservation efforts because of overwatering to compensate. He asked if the city has ever considered filtration system. Todd stated that there is a filter on the water coming in from the CUP's system. Unfortunately, with the high water and turbidity, this is still an issue. Todd states that it should start clearing up now that the high run off is over. The ponds can act as a settling area if the water is not pulled through too fast. Todd states that most complaints are about moss and green stuff coming from Deer Creek through the CUP. Jeff stated that with the high turbidity and the demand of the residents, the silts don't settle in the ponds. Mark stated that the weir is also seeing a lot of silts and rock. They have been flushing the silts at the weir because it is needed for accuracy of distribution. Mark stated that if the public wants better filtration, the residents need to pay for pretreatment. Jim stated that he felt the residents would agree to pay for a filtration system. Residents having to clean their filters weekly problem. Jim stated that in dryer years, it is not a huge problem.

Todd stated that when the City builds more volume at the PI pond, it will give more time in the ponds to settle.

Jeff stated that with filtering there also needs to be a certain pressure to back flush. Cleaning the filters this way can be a problem. American Fork has a filter station that has had some problems and it is not an easy fix. Tavis stated that they would need to put a booster in before the filter to increase pressures so that the filters would work.

3. Review and action on a text amendment to the Engineer Standards and Specifications as they apply to park strip design criteria. Brent Wallace

Brent presented a proposal that he prepared. He displayed pictures from Draper showing no park strip. The gutter also appears to be modified. He is not certain as to how they are addressing the fire hydrants. Utilities in one of the pictures.

Brent asked where this proposal would go from here. Todd stated that there are some cities that do combo curb, gutter and sidewalk and this is their standard. The process is to make the amendments to Highland City's standard and taking it to Planning Commission and City Council for approval. He reiterated that it is difficult to water a park strip sufficiently without waste.

Brent can eliminate 1 station in his yard by doing away with park strips. Todd states that 90% of the City is built. Brent would like to allow for something else to go in the park strip such as pavers and xeriscape. There are trees that are recommended for the park strip area. Mark stated that there are trees in neighborhoods that should be removed from park strip because they are not suitable.

Jim voiced safety concerns at the last meeting.

Mark suggested that this be pushed along and see if they can get a change made. David asked if the incentive is to just save water. Mark stated that there are other incentives such as not planting trees and then losing them once they have become too large.

MOTION: Jim Horrocks motioned to ask the Planning Commission and City Council to modify the City Standards and Specifications as they pertain to park strips and allow for the elimination of the park strip. A request is made that the Development Code be amended to allow for the xeriscaping, pavers and other water wise applications be allowed in the park strip. Mark Thompson seconded the motion.

Yes -

Tavis Timothy

Mark Thompson
Brent Wallace
Jim Horrocks
David Bunker
Drew Sparks

Motion passes.

4. Update on work done to Well #3.

Jeff stated that the well is back in and running. Samples were pulled and all came back really good. Flows are about 800 – 900 gpm which is where it can be kept without it sanding. Todd stated that having the well back on-line has been very beneficial.

DISCUSSION ITEMS:

5. Grant Application.

Highland City is looking into a grant for the purchase of pressurized irrigation meters. Tavis stated that the City Council needs to provide funding in the grant process. Todd stated that there is a financial institution that the City is working with. The City has incorporated about \$1.5 million dollars into the budget over the next eight years which will provide the funding mechanism in order to apply for the grants. This is a match where the City funds 50% and the grant funds 50%. Tavis stated that there are also low interest loans. All new homes have meters put on them at the developers cost.

Jim requested that something be put in the city newsletter about metering and that it will be state mandated. He asked that we start educating the public.

Conservation – maybe state that there is a mandate from the state but no funding. Put the information out to the public.

OTHER BUSINESS:

Todd showed the violation door hangers that staff will be putting out on those who are watering in violation of the conservation ordinance.

Jeff and Todd will monitor the issuance of the violation notices and do so as the complaints come in.

ADJOURNMENT:

There was a motion to adjourn by Mark Thompson, and seconded by David Bunker.

NEXT MEETING: October 8, 2019 at 7:00 a.m.



JoAnn Scott, Highland City
Community Development / Public Works