

**CENTRAL WYOMING REGIONAL WATER SYSTEM
JOINT POWERS BOARD**

MEETING PROCEEDINGS

August 21, 2018

A public meeting of the Central Wyoming Regional Water System Joint Powers Board (Board) was held Tuesday, August 21, 2018 at 11:30 a.m., in the Joint Powers Board Conference Room, Regional Water Treatment Plant, 1500 SW Wyoming Boulevard, Casper, WY.

Board Members Present - Chairman King, Vice-Chairman Keffer, Treasurer Lawson, and Board Members Walsh, and Waters. Secretary Powell, and Board Members Humphrey, and Johnson were absent.

City of Casper – Walsh, Andrew Beamer, Bruce Martin, Brian Schroeder, Janette Brown, Scott Baxter

Natrona County – Lawson

Salt Creek Joint Powers Board – King

Wardwell Water & Sewer District – Keffer

Pioneer Water & Sewer District – Waters

Poison Spider Improvement & Service District –

Wyoming Water Development Office -

Sandy Lakes Estates -

Lakeview Improvement & Service District -

33 Mile Road Improvement & Service District –

Mile-Hi Improvement and Service District –

Central Wyoming Groundwater Guardian Team (CWGG) –

Others — Charlie Chapin – Williams, Porter, Day & Neville, P.C.; Steve Quail, Brandon Gebhart, and Doug Haney – HDR Engineering, Inc.

The Board meeting was called to order at 11:47 a.m.

1. There were no Announcements.

2. Chairman King asked for a motion to approve the minutes from the July 17, 2018 meeting. A motion was made by Treasurer Lawson and seconded by Vice-Chairman Keffer to approve the minutes from the July 17, 2018 meeting. Motion put and carried.
3. Mr. Martin asked the Board to reference the updated voucher listing dated today and shown on the screen. Mr. Martin stated that one additional voucher was added to the listing; voucher 7901 for Arcadis U.S., Inc. in the amount of \$3,462.01 for the WTP Emergency Power Project. Mr. Martin recommended approval of the vouchers and offered to answer any questions the Board may have on the voucher listing.

Chairman King asked for a motion to approve the August 2018 vouchers. A motion was made by Vice-Chairman Keffer and seconded by Board Member Walsh to approve the August 2018 voucher list to include voucher numbers 7889 through 7901 in the amount of \$631,061.14. Motion put and carried.

4. Mr. Martin asked the Board to reference the Gallons Produced table in the agenda packet. Mr. Martin stated that production for July 2018 was 575.8 MG. Mr. Martin stated that the five year average is 648.8 MG.

Mr. Martin asked the Board to reference page 2 of the July 2018 Financial. Mr. Martin stated that Water Sales for July was \$1,059,524. Mr. Martin stated that last July, Water Sales were \$1,188,233, a difference of \$128,709.

Mr. Martin stated that Operating Expenses for July 2018 were \$201,392, compared to \$123,961 one year ago. Mr. Martin stated that the difference was due to the hauling of Actiflo sludge, timing of chemical purchases, and the increased Interdepartmental Charges.

Chairman King asked for a motion to approve the July 2018 Financial Report as presented. A motion was made by Board Member Walsh and seconded by Vice-Chairman Keffer to approve the July 2018 Financial Report as presented. Motion put and carried.

5. Chairman King turned the time over to Mr. Schroeder for the Operations Update.

Mr. Schroeder stated that the crane on site today is being used to complete the replacing of the exhaust fans.

Mr. Schroeder stated that August water production to date has been slightly above normal.

Mr. Schroeder stated that one more power outage is needed at the WTP for the completion of the Emergency Power Project. Mr. Schroeder stated that due to the demand for water, the power outage has been delayed until the end of September, or the first part of October.

Mr. Schroeder stated that a new Operator was hired and started yesterday. Mr. Schroeder

stated that he believes the new Operator will fit in nicely. Mr. Schroeder stated that the new employee was a WTP Operator in Douglas.

Mr. Schroeder stated that Mr. Conner is unable to attend the meeting today and asked him to give the Transmission System Update.

Mr. Schroeder stated that chloramine levels have been holding steady. Mr. Schroeder stated that staff usually sees nitrification in the system this time of year. Mr. Schroeder stated that nitrification is experienced in the system every year, but it will probably hit later this year.

Mr. Schroeder stated that the Distribution staff has been checking the cathodic protection on the Crosstown Pipeline, and mowing at the booster stations.

Mr. Schroeder stated that valves are being exercised on the Salt Creek waterline, and sludge has been removed from the east Actiflo lagoon.

6. There was no Public Comment.

7. In Old Business:

a. Project Updates:

i. Mr. Martin turned the time over to Mr. Scott Baxter with the City of Casper Engineering Department for an update on the Alternate Backwash Water Supply Tank Project and the Airport Elevated Water Storage Tank Project.

Mr. Baxter stated that the Alternate Backwash Water Supply Tank is operational. Mr. Baxter stated that there is a sample line not working so the Backwash Tank cannot be operated by itself, it must be in service with the 2.6 MG Tank. Mr. Baxter stated that this is one of the items on the punch list for the contractor to address.

Mr. Baxter stated that the contractor has been given two weeks to complete the punch list. Mr. Baxter stated that the final walk-through will be done at the end of the two weeks.

Mr. Baxter stated that there will possibly be a deduct change order for this project.

ii. Mr. Baxter stated that the contractor is in the process of coating the internal walls and roof of the Airport Elevated Water Storage Tank. Mr. Baxter stated that the coating will take approximately three to four weeks to complete.

Mr. Baxter stated that the finishing work on the tank will start in mid-

September. The tank should be finished and put in service by late October.

b. There was no Other Old Business.

8. In New Business:

a. Mr. Martin stated that the Board entered into an agreement with HDR Engineering to update the Wellhead Protection Plan and the Source Water Protection Plan combined into one document. Mr. Martin stated that Mr. Steve Quail and Mr. Brandon Gebhart are in attendance today to review the updated plan with the Board. Mr. Martin turned the time over to Mr. Quail.

Mr. Quail stated that Mr. Doug Haney is on the phone and will be presenting the Source Water Protection Plan to the Board.

Mr. Haney stated that this is the same presentation that was given to the Groundwater Guardians last week.

Mr. Haney stated that in 1986 the Safe Drinking Water Act required a Wellhead Protection Plan, which was a community based plan with education and buy-in on how to protect the groundwater.

Mr. Haney stated that in 1996 the Safe Drinking Water Act included the addition of a Source Water Protection Plan.

Mr. Haney stated that the RWS Source Water Protection Plan included all the requirements: Formation of a Steering Committee, Overview of the CWRWS Water System, Delineation of Wellhead and Source Water Protection Areas and Zones, Compile an Inventory of Known and Potential Contaminants, Susceptibility Determination of Source Water Protection Areas, Develop and Implement a Contaminant Source Management Plan, and Develop a Contingency Plan.

Mr. Haney stated that the Source Water Protection Zones are as follows:

Zone 1: Accident Prevention or Sanitary Protection Zone – Groundwater Source – 100-ft radius for each well.

Zone 2: Attenuation Zone – Groundwater Source – 2-year time of travel to each well. Surface Water Source – 1000-ft buffer zone on each side of a perennial stream for 15-miles upstream.

Zone 3: Remedial Action Zone – Groundwater Source – 5-year time of travel to each well. Surface Water Source – Entire North Platte River watershed.

Mr. Haney stated that data from previous reports and new data were used to identify potential contaminants. Mr. Haney stated that there are two types of contaminant sources: underground storage tanks, and septic systems land use for non-point source contaminants. Mr. Haney stated that the septic system area has monitoring wells that are tested.

Mr. Haney stated that the Susceptibility Determination is based on the following: Well Intake Susceptibility Rating – Well or Intake Integrity Score and Water Source Sensitivity; Sensitivity of Land Area through which Potential Contaminants reach a Well or Intake; Nature of the Potential Contaminant.

Mr. Haney stated that septic system and underground storage are the greatest risk for contamination and stated that best management practices and public participation are needed.

Mr. Haney stated that Non-Regulatory Management Strategies include public participation meetings, zoning changes, water conservation programs, training, household hazardous waste collection programs, and public education programs.

Mr. Haney stated that Regulatory Management Strategies include subdivision regulations and codes, land use agreements, site plan review, purchase of property and development rights, and inspectors at construction and drilling sites.

Mr. Haney stated that the development and implementation of accepted Best Management Practices requires buy-in from stakeholders and from entities that have the potential to impact source water quality and could include zoning and ordinance measures, physical barriers, and public education. Mr. Haney stated that the wellfield has a fence on the land side, but not on the river side.

Mr. Haney stated that the underground storage tanks will need to be monitored. He stated that there is no real trend for the prior sampling of the monitoring wells; the contamination is not increasing, but there are some nitrate spikes.

Mr. Haney stated that other potential contamination sources are underground storage tank drilling companies, and septic tanks from trailer parks.

Mr. Haney stated that Emergency Strategies are being worked on now, which include mentioning the wellhead protection zones in the annual Consumer Confidence Report.

Mr. Haney stated that some of the best management considerations include expanding the wellhead protection buffer zones, gravel pit mining regulations, storm water pollution prevention plans, and hazardous release communications.

Mr. Martin stated that when the report is finalized, it will be sent out to the Board. Mr. Quail stated that there are just a few things that need updated, but the report

will be finalized soon.

Chairman King stated that there are a lot of septic systems in the area. Mr. Quail stated that there is not a lot of contaminate migration from the septic systems as the river infiltration of the wells is diluting any contamination.

- b. Mr. Martin turned the time over to Mr. Baxter to discuss Change Order No. 2 with Landmark Structures I, LP for the Airport Elevated Water Storage Tank Project.

Mr. Baxter stated that this change order is to add six steel protective guard posts filled with concrete around the perimeter of the new tank drain splash box. Mr. Baxter stated that these bollards were an oversight of the engineer and not included in the specifications, but are necessary to prevent any vehicles or equipment from damaging the concrete structure or the metal grate covering the box. Mr. Baxter stated that the total cost for all six posts is \$4,805. Mr. Baxter stated that this change order would be paid from contingency funds, reducing the contingency amount to \$140,864.15.

Mr. Baxter stated that the WWDO has approved this change order.

Chairman King asked if the cost of the change order was based on a low bid. Mr. Baxter stated that this was a quote from a subcontractor.

A motion was made by Treasurer Lawson and seconded by Board Member Waters to approve Change Order No. 2 with Landmark Structures I, LP for the Airport Elevated Water Storage Tank Project in the amount of \$4,805. Motion put and carried.

- c. Board Member Johnson was not in attendance at the meeting and was unable to sign his annual banking letter.
 - d. There was no Other New Business.
9. In the Chairman's Report, Chairman King stated that the next regular meeting will be held on September 18, 2018.

A motion was made by Board Member Waters and seconded by Board Member Walsh to adjourn the meeting at 12:28 p.m. Motion put and carried.



Chairman



Secretary