

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

**MEETING PROCEEDINGS**

July 20, 2021

A public meeting of the Central Wyoming Regional Water System Joint Powers Board (Board) was held Tuesday, July 20, 2021 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, Secretary Waters, Treasurer Bertoglio and Board Members Cathey, Freel, and Knell. Board Member Powell was absent.

**City of Casper –** Cathey, Freel, Knell, Bruce Martin, Janette Brown

**Natrona County –** Bertoglio

**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.; Nick VanWyhe, Heath Turbiville, Russ Hallcroft – HDR Engineering, Inc.

The Board meeting was called to order at 11:33 a.m.

1. In Announcements, Mr. Martin stated that Mr. Tom Edwards was hired as the new WTP Manager and will begin work on August 2nd. Mr. Martin stated that Mr. Edwards is moving from Oregon, and should be in attendance at the next Board meeting.

2. Chairman King asked for a motion to approve the minutes from the June 15, 2021 Regular and Executive meetings. A motion was made by Board Member Cathey and seconded by Board Member Freel to approve the minutes from the June 15, 2021 Regular and Executive meetings. Motion put and carried.
3. Mr. Martin informed the Board that three additional vouchers were added to the voucher listing that was sent out in the agenda packet: Voucher 8309 for City of Casper in the amount of \$131,545.75 for Operations Reimbursement – Second billing for June 2021; Voucher 8310 for City of Casper in the amount of \$127,960.40 for the loan payment; and 8311 for Wyoming.com in the amount of \$20.00 for the RWS Website Domain Renewal. 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 July 2021 vouchers. A motion was made by Board Member Knell and seconded by Secretary Waters to approve the July 2021 voucher listing to include voucher numbers 8303 through 8311 in the amount of \$1,019,930.50. 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 June 2021 was 689 MG, which is 188 MG more than the five-year average of 501 MG. Mr. Martin stated that year to date production is 3.98 BG, 280 MG more than the five-year average for 3.69 BG. Mr. Martin stated that so far there have been very good water sales.

Mr. Martin stated that due to the end of the fiscal year, there is not a monthly Financial Report from City Finance. Mr. Martin stated that the June report will be included in the annual audit that will be presented to the Board in December.

Chairman King asked for a motion to approve the June 2021 Financial Report as presented. A motion was made by Secretary Waters and seconded by Vice-Chairman Keffer to approve the June 2021 Financial Report as presented. Board Member Knell stated that he would be abstaining from the vote as the Board does not have all the information for the June Financial Report. Secretary Waters stated that his motion is to approve as presented. Motion put and carried.

5. Mr. Martin stated that he will be giving the Operations Update as Mr. Conner is attending a Service Recognition Luncheon for one of his staff, and Mr. Van Wyck is dealing with an issue in the WTP.

Mr. Martin stated that the Water Distribution staff has installed a new check valve on a pump at Wardwell Booster.

Mr. Martin stated that during the first heavy rainstorm, water got into the vault for the radio repeater at Sunrise III Tank which fried the computer and UPS in the vault. Mr. Martin stated that backups are currently in the vault and a new set of backups are on order. Mr. Martin stated that the repeater is back up and running.

Mr. Martin stated that Water Distribution staff will be cleaning out the Actiflo sludge

lagoon, and hauling it to the landfill.

Mr. Martin stated that for the WTP Operations Update, the painters are on site for the 2.6 MG Tank. Mr. Martin stated that the tank roof replacement has been completed, so now the painters can begin their work.

Mr. Martin stated that the biggest update for Operations is the situation with the ferric chloride. Mr. Martin stated that the press release went out requesting that the public conserve water. Mr. Martin stated that the ferric chloride is used to treat the surface water in the Actiflo process to help settle out solids and remove organic carbon. Mr. Martin stated that the plant in Utah that produces ferric chloride had a lightning strike, along with some other issues, so they are down for the next 4 – 6 weeks. Mr. Martin stated that was told to him two weeks ago. Mr. Martin stated that he received an update Friday night, and they are still saying 4 – 6 weeks.

Mr. Martin stated that he is working with Brenntag, who is the chemical supplier for the WTP. Mr. Martin stated that Brenntag is a nationwide supplier and they have a lot of resources to pull from. Mr. Martin stated that Brenntag has located product in Chicago, and there is a truck being loaded now. Mr. Martin stated that trucking is difficult right now as the Transportation Industry is upside down, and very expensive. Mr. Martin stated that ferric chloride is very corrosive and must be hauled in special trailers and drivers must have a special license. Mr. Martin stated that getting drivers has been very difficult.

Mr. Martin stated that staff is trying to stretch out what product is in the tanks to make it last as long as possible.

Mr. Martin stated that he is working on getting railcars full of ferric chloride sent from Chicago to Billings, where it will be much easier to get trucked to the WTP.

Mr. Martin stated that the plant in Utah stated that they would be able to still produce ferric chloride if they could get hydrochloric acid, but there is a nationwide shortage on chlorine products.

Chairman King asked how this is going to affect the RWS customers. Mr. Martin stated that if everyone conserves water, we should be able to make the chemicals on hand last longer.

Chairman King stated that in Edgerton he instituted that lawns could only be watered twice a week between the hours of 5 pm and 10 pm.

Mr. Martin stated that people are starting to conserve as production has decreased to 20 – 22 MGD from 24 – 26 MGD.

Chairman King stated that Midwest is using approximately 200,000 GPD for fracking. Mr. Martin stated that he spoke to a couple of people from Midwest and they stated that they are not using that much water for fracking.

Secretary Waters asked how this press release information was put out to the public. Mr. Martin stated that Ms. Andress and Ms. Martinez, City of Casper Public Information Officers, sent the press release out to the newspaper, TV stations, radio stations, and put it on social media. Secretary Waters stated that he had a Board meeting last night and he told them about the conversation regarding conserving water, and no one on the Board had heard anything about it. Mr. Martin stated that the press release went out late Friday, and he saw it on Channel 13 that night, and Oil City News ran it over the weekend. Mr. Martin stated that Ms. Andress did an interview with Channel 13 yesterday to get it out again. Mr. Martin stated that Ms. Andress put it on Facebook yesterday, and it was also on the radio.

Mr. Martin stated that this summer has been the perfect storm for things to go wrong.

Board Member Knell asked how this will affect the budget. Mr. Martin stated that transportation costs have increased \$1,500 - \$2,000 per truck load of chemicals.

Chairman King asked what will need to be done if this gets worse. Mr. Martin stated that an irrigation ban would need to be issued.

Treasurer Bertoglio asked if Mr. Martin thought it would still be mid-August before the chemical plant is up and running. Mr. Martin stated that he believes so, but if the railcars full of ferric chloride can get to Billings, we will be in good shape. Mr. Martin stated that he will send out updates to the Board Members.

6. There was no Public Comment.
7. There was no Old Business.
  - a. There was no Other Old Business.
8. In New Business:
  - a. Mr. Martin stated that the Board is under contract with Maguire Iron for the 2.6MG Tank Roof Replacement. Mr. Martin stated that the reason for the discussion today is there will be a couple of change orders for this project in August for the Board to consider. Mr. Martin stated that one change order is for an Alternate Welding deduction, and one is for a Time Extension request of 18 days. Mr. Martin stated that the completion date was supposed to be June 15<sup>th</sup>, but Maguire Iron reached substantial completion on July 9<sup>th</sup>. Mr. Martin stated that Maguire Iron is on liquidated damages. Mr. Martin stated that HDR Engineering is in attendance to answer any questions the Board may have on their recommendation memo as it is reviewed.

Mr. Martin reviewed the following items from the HDR memo:

Item 1. Floor Repairs (+7 days) – This tank was in bad shape since it has been a very long time since any type of maintenance was done to it, as it could not be taken out of service. In the project specifications there was some patchwork to be

included to make repair patches on the tank floor. Maguire came in with big sheets of metal to replace whole panels, and other areas just required smaller patches. Maguire Iron stated that it took time to cut up the larger sheets into smaller patches, which took additional cutting, grinding, and welding them in different areas. Maguire Iron is requesting 7 additional days to make the repairs to the floor. The specifications included that 6" x 6" patches could be used, and was in the documentation when they started work. The recommendation is no additional days be added for this item.

Mr. Van Wyhe stated that there were two bid items to this. He stated that one was to cover small areas, and one was for replacing large plates.

Item 2. Shell extension / welding method in high wind (+4 days) – High winds are characteristic of the Casper area and was discussed prior to construction. A different type of welding was proposed for welding the seam on the tank, but when they got here, Maguire Iron said they could not use the proposed welding type due to the high winds, so they had to go back to another type of welding. Maguire Iron claims that because they had to switch the type of welding used, it added four days to the work.

Mr. Martin stated that looking at the wind data for that time period, it was average Casper winds.

Chairman King asked what the different types of welding were. Mr. Martin stated that the two types of welding were ceramic, and wire. Mr. Turbiville stated that Maguire Iron stated that it was too windy to do the ceramic type welding. Mr. Turbiville stated that the resources that he used did not provide specifications for maximum wind. Mr. Turbiville stated that he pulled wind data for Casper for the last three years and depending on the day, this year was right on average, with nothing out of the ordinary. Recommend additional days due to high winds be denied.

Item 3. Shell wall repair (+2 days) – Maguire Iron was directed by the owner to provide some additional patch repairs on the walls that were not included in the project or in the structural review. Recommend approval for two additional days be granted.

Item 4. Removal of the knuckle (+3 days) – The knuckle was removed by Maguire Iron instead of the demolition company. This is "in scope" work included in the project. Maguire indicated that this was more of a schedule and communication issue between Maguire Iron and the demolition subcontractor. Means and Methods are not dictated by the owner or engineer, as previously stated that knuckle had to be removed at some time and that sequence of construction is the responsibility of the contractor. The demolition crew was on site for one day and did not perform the knuckle removal as planned. Information to determine how this work impacted the project schedule critical path was not provided. Recommend additional time for removal of the knuckle be denied.

Item 5. Weather (+ approx. 2 days) – Date and conditions for non-working days caused by adverse weather were provided as follows:

28-Apr-21 – 28-Apr-21 0.5 days precip 0.08, wind (mph) max. 14, avg. 8.3, min. 0  
3-May-21 – 3-May-21 0.5 days precip 0.08, wind (mph) max. 17, avg. 12.2, min. 3  
16-May-21 – 16-May-21 1 day precip 0.29, wind (mph) max. 14, avg. 7.3, min. 3

Excess make-up days were available throughout construction. Information regarding how the weather impacted the critical path was not provided. Recommend additional time for weather delay be denied.

Added Improvement Item. Additional 5/8" plate was installed to the floor directly under the new support columns. It is estimated that this improvement effort required an additional 2 days for installation. Recommend approval for 2 additional days be granted.

Mr. Martin stated that it is recommended that an additional 4 days be granted, moving the substantial completion date from June 15, 2021 to June 19, 2021.

Board Member Knell stated that the Board should hold the contractor's feet to the fire as there is a signed contract.

Mr. Martin stated that Maguire Iron submitted a rebuttal and referenced the increased price of materials and permitting issues. Mr. Martin stated that Maguire Iron is requesting that the Board look at the whole picture for this project. Mr. Martin stated that a change order will be brought before the Board at the next meeting.

Board Member Knell asked the HDR representatives if they still recommend granting only 4 additional days after reviewing the letter from Maguire Iron. Mr. Van Wyhe stated that they did recommend only granting 4 additional days.

Treasurer Bertoglio asked if the change order would include an increase to the cost of the project. Mr. Martin stated that Maguire Iron is only requesting additional time be added to the contract to avoid liquidated damages.

A motion was made by Board Member Knell and seconded by Treasurer Bertoglio to follow staff recommendation to grant 4 additional days to the contract time. Motion put and carried.

- b. Mr. Martin asked the Board to reference Change Order No. 2 with Riley Industrial Services for the 2.6MG Tank Recoating Project. Mr. Martin stated that this is the same tank as the previous agenda item. Mr. Martin stated that Riley Industrial was sandblasting the tank when it was discovered that the tank roof needed to be replaced. Mr. Martin stated that they couldn't recoat the tank until the roof was repaired. Mr. Martin stated that during the time that the roof was being replaced, the materials needed for the recoating increased in price. Mr. Martin stated that Riley Industrial is on site now. Mr. Martin stated that staff

recommends approval of the time extension of 380 days, and a contract price increase of \$23,315.30.

Board Member Cathey stated that the price increase most likely includes a second mobilization and de-mobilization.

A motion was made by Board Member Cathey and seconded by Board Member Knell to approve Change Order No. 2 with Riley Industrial Services, Inc. for a contract increase of \$23,315.30 and a time extension of 380 days as part of the 2.6M Gallon Tank Recoating, Project 18-093. Motion put and carried.

- c. Mr. Martin stated that the Board has 29 wells, which includes three horizontal ranney collectors. Mr. Martin stated that each year the budget includes funds to rehabilitate some of the wells. Mr. Martin stated that the FY22 budget includes funding to rehabilitate Caisson #2.

Mr. Martin stated that the contract before the Board today is with Engineering Associates for the design, oversight, and bidding out of this project.

Mr. Martin stated that the Caissons are large water producers and Industry Standards recommend rehabilitation of wells every 2 – 3 years. Mr. Martin stated that production for Caisson #2 decreased from 900 gpm to 700 gpm.

Mr. Martin stated that the well rehabilitation consists of a high-pressure jetting method to thoroughly dislodge the fine sediment and sand, mineral scale, rust, and biological deposits from inside and between the openings of the lateral screen. Mr. Martin stated that there will be a separate contract for the construction.

A motion was made by Secretary Waters and seconded by Vice-Chairman Keffer to approve the contract with Engineering Associates in the amount of \$40,250 for the Caisson #2 Rehab, Project No. 21-040. Motion put and carried.

- d. Mr. Martin stated that it is the time of year to carry over funds for projects that were not completed in FY21 to FY22. Mr. Martin briefly reviewed the projects to carry over to FY22:

- Security - \$6,000 – Skylight in Raw Water Building
- Chiller Replacement - \$4,050 – Under design, then will go out to bid
- FY21 Well Pumps - \$7,000 – Used in conjunction with the Well Rehab
- Well VFD's - \$32,000 – Used with Well Rehab – control pump speed from the Control Room
- Pipe Restraint - \$16,000 – A couple of pipes are separating and staff is getting quotes for repairs
- Hydrocyclone Improvements - \$56,000 – Upgrades for Actiflo hydrocyclones
- Heat Rejection & Cooling Water Pumps - \$33,000 – Staff is obtaining quotes for the pumps which are expected to be installed by December 2021.
- Filter Particle Counters - \$30,000 – The particle counters are failing; staff is

getting quotes

- Plant Landscaping - \$20,000 – This project has been on hold until the generator and tank projects are finished.

Mr. Martin stated that these are carry over projects that were approved in FY21, and not completed.

A motion was made by Treasurer Bertoglio and seconded by Secretary Waters to approve the FY2021 Budget Capital Project Carry-Over in the amount of \$369,550. Motion put and carried.

- e. In Other New Business, Board Member Knell asked if staff was going to approach Three Crowns to limit their watering. Mr. Martin stated that Three Crowns pulls water from the river for irrigation. Mr. Chapin stated that they have a priority 1 water right. Treasurer Bertoglio stated that Three Crowns has always pulled water from the river for irrigation. Board Member Knell stated that he was not aware of that, and that it is good information to know.

9. Chairman King asked for a motion to move into Executive Session to discuss potential litigation. A motion was made by Secretary Waters and seconded by Vice-Chairman Keffer to adjourn into Executive Session at 12:16 p.m. to discuss potential litigation. Motion put and carried.

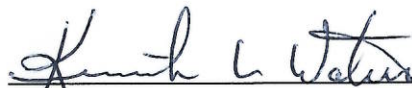
A motion was made by Board Member Cathey and seconded by Secretary Waters to adjourn from Executive Session at 12:43 p.m. Motion put and carried.

Chairman King called the Regular Session to order at 12:43 p.m.

10. In the Chairman's Report, Chairman King stated that the next regular meeting would be held on August 17, 2021.

A motion was made by Board Member Cathey and seconded by Secretary Waters to adjourn the meeting at 12:44 p.m. Motion put and carried.

  
Chairman

  
Secretary