

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

MEETING PROCEEDINGS

August 18, 2009

A public meeting of the Central Wyoming Regional Water System Joint Powers Board (JPB) was held Tuesday, August 18, 2009 at 11:30 AM, in the Joint Powers Board Conference Room, Regional Water Treatment Plant, 1500 SW Wyoming Boulevard, Casper, WY.

Board Members Present - Chairman Bertoglio, Treasurer Bentley, Board Members Brauer, Holloway, Keffer and Opella. Vice-Chairman King and Secretary Schlager were absent.

City of Casper - Bertoglio, Brauer, Holloway, Gary Clough, David Hill, Janette Brown, John Naquin, Tim Rail

Natrona County – Opella

Salt Creek Joint Powers Board –

Wardwell Water & Sewer District – Keffer

Pioneer Water & Sewer District – Bentley

Poison Spider Improvement & Service District -

Wyoming Water Development Office -

Sandy Lakes Estates -

Lakeview Improvement & Service District -

33 Mile Road Improvement & Service District –

Central Wyoming Groundwater Guardian Team (CWGG) –

Others – Harriet Hageman, Attorney – Representing C-WWASP, Cheyenne, WY; Frank Jaeger – Parker Water & Sanitation Parker, CO; Mike O’Grady – States West Water Resource Corp, Cheyenne, WY

The JPB meeting was called to order at 11:35 a.m.

1. There were no Announcements.

2. Chairman Bertoglio asked for a motion to approve the minutes from the June 16, 2009 meeting. A motion was made by Board Member Opella and seconded by Board Member Keffer to approve the minutes from the June 16, 2009 meeting. Motion put and carried.
3. Chairman Bertoglio asked for a motion to reaffirm the approval the July 2009 vouchers. A motion was made by Board Member Opella and seconded by Board Member Keffer to reaffirm the approval of the July 2009 voucher list to include voucher numbers 6692 through 6697 in the amount of \$214,196.60. Motion put and carried.

Mr. Hill asked the Board to reference the voucher listing handed out on this date. He stated that voucher number 6699 for Crowell and Chapin in the amount of \$176.41 for legal services was added to the listing. Board Member Holloway asked why there was such a large increase in the Health Insurance charge in the City's Operations voucher. Mr. Hill stated that there was a 10% increase in the health insurance premium and two WTP employees that were not on City health insurance in the past are now on City health insurance. Mr. Hill stated that the vouchers are in good order and recommended approval. Chairman Bertoglio asked for a motion to approve the August 2009 voucher list. A motion was made by Treasurer Bentley and seconded by Board Member Opella to approve the August 2009 voucher list to include voucher numbers 6698 through 6699 in the amount of \$265,707.31. Motion put and carried.

4. Mr. Hill stated that due to the finalization of the Fiscal Year 2009 budget and preparing for the annual City of Casper audit, the City Finance Department was unable to produce the July financial report for the Board.
5. Chairman Bertoglio turned the time over to Mr. Naquin for the Operations Update.

Mr. Naquin stated that July 2009 production was down by 178 MG from last July. Mr. Hill stated that water production for this July was the worst in 31 years. Mr. Naquin stated that production for August is down 75 MG as of today.

Mr. Naquin stated that he received notice that the cost of the ferric chloride will increase by 20%. Mr. Naquin stated that ferric chloride is made using scrap steel. He was told there is a shortage of scrap steel and the manufacturer has to use virgin steel, which is much more costly. Board Member Opella asked if there was a substitute chemical for the ferric chloride. Mr. Naquin stated that he looked into using ferric sulfate, but it takes twice as much of this chemical to get the same results as ferric chloride.

Mr. Naquin stated that in July, the Distribution staff cleaned the recharge channels and it caused a small turbidity spike and increased the aerobic spore count in the wells. He stated that the wells were flushed to remedy the situation.

Mr. Naquin stated that the maintenance staff installed screens at the intake for Actiflo.

He stated that this has helped keep debris out of the Actiflo pumps.

Mr. Naquin stated that none of the WTP equipment was damaged from the recent lightning storms.

The time was turned over to Mr. Rail for the Distribution Report.

Mr. Rail stated that maintenance on the RWS transmission lines is going well. He stated that they may have to start flushing lines in out lying areas due to decreased water usage which has caused the water to start nitrifying.

6. There was no Public Comment.

7. Old Business:

a) Mr. Hill stated that CH2M HILL completed the Nitrification Study and the summary was included in the agenda packet.

Mr. Hill stated that the loss of residual usually starts in September. He stated that nitrification has a tendency to use up the chlorine and leave the ammonia which causes the residual to decrease. Mr. Hill asked the Board to reference page 2 of the summary, the findings of the study.

Mr. Hill stated that the optimum ratio for chloramines is 5:1 between chlorine and ammonia, which is being met by the WTP.

Mr. Hill stated that the recommended improvements on page 3 are as follows: change the disinfectant chemical application points; distribution system improvements to reduce water age; adjusting pH of finished water; addition of chlorine dioxide or chlorite; and periodic switching to free chlorination.

Mr. Hill stated that this winter the application point for the ammonia at the WTP will be moved farther away from the application point for the sodium hypochlorite. He stated that this is a fairly easy change to try and will be done by staff.

Mr. Hill stated that only certain things can be done to reduce water age in the system. He stated that one recommendation was to install mixers in the storage tanks. Mr. Hill stated that \$50 Thousand was included in the FY10 budget to try on one of the tanks. Mr. Hill stated that the new Zone 3B tank, which is a 700,000 gallon tank, will have a static mixer. Mr. Hill stated that two of the City tanks to be renovated will have mixers installed. Treasurer Bentley asked how many mixers would be needed. Mr. Hill stated that the RWS has five tanks.

Mr. Hill stated that the other suggestions will not be tried at this time as they

are cost prohibitive.

Board Member Opella asked if re-circulating the water would help with the nitrification. Mr. Hill stated that this has been done in the past when boosters are at tank locations.

Treasurer Bentley asked when staff will know if the tank mixer works. Mr. Hill stated that results would be known in the fall of 2010.

- b) In Other Old Business, Mr. Hill stated that at the meeting next month there will be a discussion on the Emergency Generator Project; whether or not to proceed with the project and if so, how much of the project should be done. He also stated that there will be a discussion of the Investment Policy RFP for reserves.

8. New Business:

- a) Mr. Hill introduced Mr. Frank Jaeger, Ms. Harriet Hageman, and Mr. Michael O'Grady who are in attendance to speak to the Board concerning the Colorado-Wyoming Water Supply Coalition. Mr. Hill stated that this is a separate group from Aaron Million (Million Conservation Resource Group) which is composed of public entities from Colorado and Wyoming. Mr. Hill stated that the Regional Water System has been helped with water rights by the Upper Rock Creek Reservoir purchase and will be helped by the Pathfinder Modification Project, which will take place next year. Mr. Hill stated that the RWS will need additional water in 30+ years. He stated that this project will take a minimum of 10-15 years for construction to begin. Mr. Hill stated that the North Platte River has been totally allocated for the last 50 years or so and the Green River Basin still has 200,000 acre-feet of unallocated water. Mr. Hill turned the time over to Mr. Jaeger.

Mr. Jaeger stated that he has been meeting with Wyoming entities for the last two years about this project. He stated that they are looking into developing and protecting the entitlements for Colorado and Wyoming under the 1920 Colorado River Compact. Mr. Jaeger stated that a feasibility study must be done to determine how much water is available. He stated that a cost recovery agreement will be needed with the Bureau of Reclamation to study this project as Federal funds will be needed to complete the project. Mr. Jaeger stated that this would be new water to the North Platte, so it can be used to extinction. After a complete project overview by Mr. Jaeger, Board Member Opella asked if the group is trying to get the water that Colorado and Wyoming are entitled to. Mr. Jaeger stated that this was so. Board Member Opella asked what the group was asking for today. Mr. Jaeger stated that they would like the Board to commit to the project and join the Coalition. Chairman Bertoglio stated that the Board would take this under advisement and would have the Coalition agreement documents reviewed by legal council. Board Member Holloway asked if water entitlements had ever been revoked. Mr. Hill stated that they

have not up to now. Chairman Bertoglio stated that the Board will make a decision on this at a future meeting.

- b) Chairman Bertoglio asked that the annual banking letters be handed out at this time. The annual banking letters were signed by the Board members present at today's meeting.

Chairman Bertoglio informed the Board that Mr. Chapin was not doing very well and may not be able to return to work. He asked the Board if they had any objections to using Mr. Charlie Chapin, who is very knowledgeable about water issues. It was the consensus of the Board to continue to use the law firm of Crowell & Chapin as legal council, with Mr. Charlie Chapin as the main attorney for the time being. Chairman Bertoglio stated that he would speak to Mr. Charlie Chapin.

- c) Mr. Hill stated that after the 2005 alternate filtration credit for riverbank filtration was accepted by EPA, one of the unanticipated results was that the 2.6 MG tank must be used to meet the disinfectant contact time for the groundwater. Mr. Hill stated that the only problem is this tank can never be taken out of service as this water is also used for backwashing filters for the surface water plant. Mr. Hill stated that divers inspected the tank and it was discovered that the inside of the tank needs some repairs and repainted in the near future due to corrosion. Mr. Hill stated that during the time that the tank is out of service, the groundwater cannot be used, however, without the tank, the surface water plant can also not be used because of the need for backwash water. Mr. Hill stated that CH2M HILL was asked to submit a scope of services for an Alternate Backwash Supply Investigation, which is included in the agenda packet. Mr. Hill recommended approval of the Alternate Backwash Supply Investigation agreement with CH2M HILL. A motion was made by Board Member Opella and seconded by Board Member Keffer to approve the Casper WTP Alternate Backwash Supply Investigation from CH2M HILL for a lump sum amount of \$3,300. Board Member Brauer abstained from the vote due to a conflict of interest. Motion put and carried.

- d) Mr. Hill stated that Zone IIB and Zone IIIB of the RWS cover the very north end of the Regional Water System including north and east of Wardwell and Bar Nunn. Mr. Hill stated that staff is concerned about the existing RWS infrastructure in these areas. He stated that currently there is one booster station to service this entire area. Mr. Hill stated that in the forecasted FY11 budget, there will be monies allocated for a second booster and a transmission line on Amoco Road. Mr. Hill stated that a Master Plan Update is needed for Capital Improvements to the infrastructure in this area. Mr. Hill stated that he asked CEPI for a proposal for the Water Master Plan Update. Mr. Hill recommended approval of the Zone IIB/Zone IIIB Water System Master Plan Update. A motion was made by Board Member Opella and seconded by Board Member Keffer to approve the Zone IIB/Zone IIIB Water System Master Plan

Update agreement with CEPI in an amount not to exceed \$9,000. Board Member Brauer abstained from the vote due to a conflict of interest. Motion put and carried.


- e) In Other New Business, Chairman Bertoglio stated that Mr. Hill was contacted by the consultant who is working on the Water Master Plan Update for Evansville. He stated that the consultant asked if the RWS would waive system investment charges for Evansville if they joined the RWS. Chairman Bertoglio stated that his answer was no at this point. Board Member Keffer stated that Evansville had the option to join within a certain time period and they did not take advantage of it. Mr. Hill stated that joining the RWS was one of the options presented in their Master Plan Update as they are running out of treatment plant capacity.

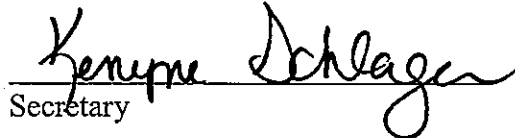
9. Chairman Bertoglio asked for a motion to move into executive session to discuss property acquisition. A motion was made by Board Member Opella and seconded by Board Member Keffer to adjourn into executive session at 1:17 p.m. Motion put and carried.

A motion was made by Board Member Opella and seconded by Board Member Holloway to adjourn into regular session at 1:25 p.m. Motion put and carried.

10. In the Chairman's Report, Chairman Bertoglio asked the Board to plan on a September meeting as the Board needs to discuss the Colorado-Wyoming Water Supply Coalition, the Investment Policy RFP, and the Growth Policy. Board Member Opella suggested a work session with the County Commissioners to discuss the Growth Policy. A work session to discuss the Growth Policy was scheduled for Tuesday, September 8, 2009 at 1:00 p.m. in the Commissioners Meeting room at the Court House. Chairman Bertoglio asked that Ms. April Getchius from the City Planning Department and the County Planner attend the work session.

A motion was made by Board Member Opella and seconded by Board Member Brauer to adjourn the meeting at 1:33 p.m. Motion put and carried.


Chairman


Secretary