

**CORBETT WATER DISTRICT  
REGULAR MEETING OF THE BOARD  
Written Summary  
May 17, 2011**

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**Board members present:** Jeff Hargens, Robert Gaughan, Robert Churnside, (Victor Schmidt arrived at 6:50 p.m.).

**Absent board members:** Sonny Boyd.

**Staff present:** James Jans, Shanti Kraai.

**Audience members present:** Robert Colclessor, Malcolm Freund, David Jacobs.

Chairman **Jeff Hargens** called the meeting to order at 6:35 p.m.

**APPROVAL OF THE AGENDA**

**Robert Gaughan** made a motion to approve the agenda, **Robert Churnside** seconded, passed unanimously.

**APPROVAL OF THE MINUTES**

**Robert Gaughan** made a motion to approve the minutes of April 19, 2011 as written, **Robert Churnside** seconded, passed unanimously.

**RESERVOIR 1 & RESERVOIR 4**

**James Jans** states he has been working with Multnomah County regarding the de-commission or replacement of Reservoir 1. The County informed him it would take at least 5 months to determine the value of the Reservoir and to complete all the necessary paperwork. They also said that in order to rebuild a new Reservoir it would have to have a 30 foot setback, however it can still be 22 feet tall. **James Jans** states that the District would not be able to use the grant money received for the de-commission of Reservoir 1 due to the amount of time it would take to receive all the necessary permits, so the District will simply pursue the fence installation around both reservoirs. The fence will be 6 feet tall with barbed wire along the top, and it may take up to four months to receive the permit. The next step will be to siphon the water out of Reservoir 1. **Jeff Hargens** suggested drilling holes in it to allow it to free drain. **Brian Lee** states that if the District drills holes in the Reservoir it may allow for rodent infestation. **James Jans** replied that the holes will be screened afterwards. He states that Fitzpatrick Fence provided the lowest quote for the fence installation. The cost for the fence has been budgeted for the 11-12 fiscal year.

**REVIEW ALL FILTER POND 1 & FILTER POND 3 DESIGN PROPOSALS**

**James Jans** states that filter pond 1 only produced 175 gallons of water per minute when filter pond 2 was off line. He states that if we shut off filter pond 3, we will not produce enough water for the summer. He suggests first cleaning, and possibly repairing, filter pond 1 prior to rebuilding filter pond 3. He says that the sand was so compacted the crew was able to drive onto

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**REVIEW ALL FILTER POND 1 & FILTER POND 3 DESIGN PROPOSALS – (Cont.)**

filter pond 1, without sinking, in order to clean it. **Jeff Hargens** expressed his concern with driving onto the filter pond. **James Jans** states that this was the first time they had ever done that and a ramp was used to enter so the liner would not get damaged. **Jeff Hargens** thought that in the past, the crew would clean the filter ponds by hand and use the gator to transfer the sand. He states that this is the first time the need to repair filter pond 1 has been discussed with him since he joined the board. **James Jans** states that the condition of the filter pond was included in the water master plan from 2003. **Jeff Hargens** states that filter pond 1 should be cleaned prior to reviewing the gallons of water per minute. **Victor Schmidt** does not feel that rebuilding filter pond 3 can be put off for another year and it seems that we do not have the capacity to currently run with only two filter ponds throughout the summer. **Jeff Hargens** states the District should receive engineering proposals to repair filter pond 1, and then work on proposals for rebuilding filter pond 3. **Robert Churnside** would like a core sample to be taken to determine the condition of the filter ponds. **James Jans** states that we have received core samples from filter pond 3, which revealed high levels of silt. The District will have to get core samples from filter pond 1 to determine if just the sand needs to be replaced, or if the gravel will have to be replaced as well. **Brian Lee** distributed informational packets to the board describing different options for rebuilding filter pond 3. He states that the flow rate is currently just an estimate, but will be monitored soon to get an accurate figure. The first option would be to only replace the sand, the second option would be to rebuild the filter pond, and the third option would be to use a temporary trailer based filter during the peak months. He states that the sand currently does not meet the specs and he has heard that it came from the Sandy River. It will take between 14-30 days to ripen the filter of the pond after repairs are made. **Victor Schmidt** states that the problem he foresees with the temporary trailer based filter would be seasonal issues or construction delays which would require a longer use of the trailer. **Brian Lee** states that the largest expense, if the District chose to use a temporary trailer, would be to lay temporary piping and install 3 phase power. He states that 3 phase power will also allow more options in the future if an emergency occurs. He said the rental cost of the trailer would include a full time operator. **Jeff Hargens** would like to know what the sand criteria is so he can research the best purchase option. He states the District does not currently have the money to rebuild filter pond 3, and we will need to review funding so this project does not put a burden on the customers of the District. He states that if needed, filter pond 1 can be fixed this summer while we use filter pond 2 and filter pond 3 to meet our needs. Afterwards, we will have the capacity to take filter pond 3 off line in order to rebuild it when we are ready to do so. He states that with the information the District currently has, there is not an emergency. **David Jacobs**, from Hydra Engineering, states that if crushed sand is purchased it could compound, therefore the District will need to purchase round sand. **Robert Churnside** said that on the last page of Brian Lee's handout, it states the sand currently in filter pond 1 was purchased as river sand from Gresham Sand and Gravel. **Brian Lee** states that filter pond 2 is the newest filter pond, filter pond 1 is the largest, and filter pond 3 is the smallest. **David Jacobs** states that a less expensive option may be to just sift the existing material, however it will not have the same life expectancy as new sand. He states that the Health Department may not allow this unless it was stated an emergency existed. **Malcolm Freund** states that the prior staff never turned off the filter ponds due to high turbidity, so years of silt have been built up.

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**BANK COMPARISONS**

**Shanti Kraai** states that West Coast Bank has drastically reduced their earnings interest rate, and will now require us to keep \$300,000 in our checking account to avoid fees. She presented a chart comparing multiple banks. Wells Fargo stated that the District would only need to keep \$175,000 in a checking account to avoid paying service fees, which is a large difference compared to the other bank's proposals. They stated they would also provide the District with a free check scanner. **Victor Schmidt** made a motion to move all of the funds currently held by West Coast Bank into an account with Wells Fargo, **Robert Gaughan** seconded, passed unanimously.

**MONTHLY REPORTS**

**Secretary/Treasurer Financial Reports: Robert Churnside** questioned why a footrest was purchased. **Shanti Kraai** replied that she has rheumatoid arthritis and the footrest tremendously helps the swelling of her knees. **Jeff Hargens** questioned why a test ball was purchased. **James Jans** states it was purchased to plug Reservoir 1. **Robert Gaughan** made a motion to approve the financial reports as presented, **Victor Schmidt** seconded, passed unanimously.

**Managers Report: James Jans** read as follows:

*Distribution/Treatment System:* Reservoir 1 has been capped and is now out of service. We then allowed the Sheriff's dive team to do safety training inside the reservoir. We have received a donation of a fire hydrant from Pacific Northwest Excavating. We rebuilt a hydrant that was damaged a couple of years ago at the Fire Station due to very high pressure and a hydrant that was marked to be relocated during the water treatment plant upgrade project several years ago. Those hydrants are going to be installed along the stretch of Loudon Road west of Mannthey, and near the west end of Deverell Road. We installed a pressure reducing station on Seidl Road near the top in order to drop the pressure down to a safe level for the fire hydrant located near Woodard Road. The pressure was over 230 PSI before the PRV station was installed; now the hydrant has a safe working pressure of 140 PSI and is online.

*Treatment plant:* Filter pond 3 has been cleaned and is now refilling in order to get ready for the summer season. We are waiting for Multnomah County to return the rest of our road permit paperwork and plan to start installing pipe later this month. On Hurt Road we tied the 4" main to the 6" main that crosses the road. Later this season, we will replace the old 4" line that heads up the hill towards Cabbage Reservoir.

*Meters:* We have replaced the 4" old compound meter at Menucha with a Sensus 4" compound meter that has an ECR register. Next week we are planning to replace the 6" meter at Crestview Manor. The crew has replaced 24 ccf ECR meters this past month. 799, or 74%, of the system has now been switched over to the TouchRead meters.

*Hydro:* Out of 165 business energy tax credit applications, 12 were returned incomplete and 94 were returned due to the agency exceeding their available \$5 million dollars that were set aside for energy tax credits. We have been granted a pass thru tax credit along with 75 other applicants. We also received a 50% refund check from the Energy Trust of Oregon for the Hydro preliminary design from Hydra Engineering.

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**PUBLIC COMMENTS ON ITEMS NOT LISTED ON THE AGENDA**

**Robert Colclessor** is leery switching our bank account to a larger bank. He states the larger banks have used bail out money, as well as international money. He states that local banks did not use the bailout option and are just trying to stay afloat. **Jeff Hargens** replied that no bank is in a good situation right now, and the District needs to focus on receiving the best income possible. He states that if the bank's earnings credit is drastically reduced, we will simply switch banks again. **Malcolm Freund** would like to know the status of the reimbursement from the fire station for half the cost of installed hydrants. **Shanti Kraai** states we recently sent an invoice to the fire department and received a payment shortly after. **James Jans** states he has sat down with Tom Layton, the chief of the fire department, to see where they need hydrants the most. **Jeff Hargens** has recently donated a fire hydrant to the District.

**UNFINISHED ITEMS FOR BOARD CONSIDERATION**

No comments were made.

**Jeff Hargens** made a motion to adjourn the meeting, **Victor Schmidt** seconded, passed unanimously. Meeting adjourned at 8:15 p.m.