

UPPER SURFACE CREEK DOMESTIC WATER USERS ASSOCIATION

Board of Directors Meeting

January 15, 2018

The meeting was called to order at 1:30 pm. Board members present were Bill Elkins, Ellis Fritchman, Dennis Grunkemeyer, Deb Christner, Jerry Figueroa, and Bryan Klaseen. Also present was Dayton Myers and Amber McPherson. Herman Kline was absent. Steve Harper was present at the beginning of the meeting via Video Conference; 1:50 pm Steve Harper disconnected. Deb and Austin from Filter Tech arrived at 2:00 pm to present the BOD options on filters to address DBPs; they left at 2:41 pm.

Minutes:

MOVED BY Deb Christner

SECONDED BY Bryan Klaseen to accept the December 4th and 12th Board Meeting Minutes as written and distributed to the Board Members.

MOTION CARRIED with no opposing votes.

Financial Report:

The Financial Reports were reviewed for December 2017.

MOVED BY Dennis Grunkemeyer

SECONDED BY Bryan Klaseen to approve financial statements as is.

MOTION CARRIED with no opposing votes.

EOM Report:

The End of Month report data was received. Gallons used for December 2017 was 6,412,667 and was 180,743 less than December 2016.

Filter Tech:

Deb and Austin from Filter Tech presented options to help with USCDWUA Disinfection by Products (DBPs). There were four options presented:

1. Add a 350gpm UltraFlex Color Removal Package (CRP) Membrane System to reduce TOC/DOC. Equipment size is 45' long x 7' wide x 11' high. Treat half of the raw water flow and blend the X-Flow effluent with the Pall effluent to reduce the HAA numbers. Current Max flow 500,000gpd or 350gpm. Total system flow-700gpm -350gpm from Pall; 350gpm from X-flow CRP Membranes.
 - a. Pros: Reduces the organic thereby reduces the DBPs; reduces color; will reduce or eliminate taste and odor problems.
 - b. Cons: Capital cost is high \$2,400,000; filter backwash and chemical cleanings required.
2. Add a Reverse Osmosis Nano System to reduce Organics. Equipment size 25' long x 48" wide x 8' high. Install system downstream of the Pall System and treat half of the filtered water to theoretically reduce the HAAs by half; design system for 250,000gpd or 175gpm.
 - a. Pros: Reduces the organics thereby reduces the DBPs; reduces color; should reduce taste and odor.
 - b. Cons: Capital Cost is \$375,000; requires pre-treatment; 25% high solids waste stream; chemical cleanings required.
3. Add a 750gpm Carbon Filter to reduce organics, thereby reducing DBPs. Equipment size is Three 96" Diameter filters x 15' tall.

- a. Pros: Reduces the organics thereby reduces all DBPs; moderately priced \$450,000; a “passive” system – no operational costs.
 - b. Cons: On-going costs – Carbon will need to be replaced periodically \$110,000 per complete change out (but filter can also be regenerated and used again)
4. Add a tank aeration system to reduce THMs in the system. Equipment will fit inside the tank.
- a. Pros: Addresses the THM issue; low cost \$25,000; low maintenance/automatic operation (on/off with thermostat)
 - b. Cons: Requires electricity at the tank; may not address taste and odor problems.

It was determined to do some preliminary testing in March and July to see which option will work the best.

Construction and Maintenance:

Steve Harper Tap -Steve requested a video conference to talk about the purchase and installation of a tap on his 3rd parcel of land that does not have a tap. The costs of installing the pipe line along the road to the 3rd parcel is very cost prohibitive. Steve mentioned he would like to see about installing the meter where the other 2 meters are, and he would cut across Parcel 2 to get the line to Parcel 3. Steve said he had an easement to cut across Parcel 2. It was determined USCDWUA would investigate more and see about the feasibility of this option. If this option is viable, USCDWUA would pay for the upgrade of the pipe to the meters. Steve was informed USCDWUA would get back to him within 30 days.

Rita Trinich New Tap – Rita is very interested in purchasing a new tap. If she purchases the new tap it would help us extend the 4” line 550ft down 2550 Rd. It was determined USCDWUA approval of the tap would be contingent on obtaining a legal easement on the east boundary of property.

MOVED BY Jerry Figueroa

SECONDED BY Deb Christner to approve sale of tap to Rita contingent on obtaining a legal easement on the east boundary of property.

MOTION CARRIED with no opposing votes.

Signers on Bank Accounts:

Jerry brought up the fact there are only two authorized signers on the Bank Accounts. It would be beneficial to have a third in case anything happens. Jerry mentioned the Vice President should be on the account as well as Jerry Figueroa and Amber McPherson.

MOVED BY Jerry Figueroa

SECONDED BY Dennis Grunkemeyer to add Deb Christner as a signer to all bank accounts.

MOTION CARRIED with no opposing votes.

Other Business:

- Employment Policy is still in progress. Copies will be mailed to Board Members in a few days.
- Lynn Pul’s husband passed away; it was determined to send flowers or memorial.
- Division of Water Resources sent out a letter requesting we submit an alternate water plan for this coming summer in case of a water shortage. Plan should be submitted by March. Dayton and Jerry will meet with James Holiman to find out more information.

Meeting adjourned at 4:18 pm with no other business.

Respectfully Submitted:

Amber McPherson, Secretary-Treasurer