

# RECORD OF PROCEEDINGS

## KREMMLING SANITATION DISTRICT

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REGULAR BOARD MEETING  
MAY 9, 2016

The Board of Directors for the Kremmling Sanitation District met in the boardroom located at 200 Eagle Avenue. The meeting was called to order by President Jason Bock at 7:00 p.m. Directors present: Dwayne Uhrich, Dave Sammons, Jim Ward and Dave Jones. Director(s) absent: None. Staff present: Superintendent Jeremy Bock, Engineer Nick Marcotte and District Manager Rich Rosene. Audience present: Dr. Kraig Johnson of Wastewater Compliance Systems, Justin Villegas and Jeff Miller.

**APPROVAL OF MINUTES:** SAMMONS MOVED TO APPROVE THE REGULAR MEETING MINUTES OF APRIL 11, 2016 AS PRESENTED. UHRICH SECONDED. ALL "AYE" VOTES.

**APPROVAL OF EXPENDITURES:** SAMMONS MOVED TO APPROVE THE EXPENDITURES PRESENTED FOR THE PERIOD OF APRIL 12, 2016 THROUGH MAY 9, 2016 IN THE AMOUNT OF \$68,406.96. UHRICH SECONDED. ALL "AYE" VOTES.

**OATHS OF OFFICE:** President Jason Bock administered the oaths of office to Jim Ward and Dave Sammons for their 4 year terms.

**ELECTION OF OFFICERS:** Bock asked for nominations for board officers for the next two years. Nominations are needed for President, Secretary, and Treasurer.

SAMMONS MOVED TO KEEP THE OFFICERS THE SAME AS NOW: BOCK AS PRESIDENT, WARD AS TREASURER AND ROSENE AS SECRETARY. UHRICH SECONDED. ALL "AYE" VOTES.

**PUBLIC COMMENT:** Jeff Miller said he is doing some landscaping at the Muddy Creek Cabins and wants to install a deduct meter on the water service for his irrigation lines. He said his landscaper recommended that he get something in writing that authorizing the installation of the meter and the deduction of water used for irrigation from his total water usage for calculating his sewer monthly charges. Cliffview Assisted Living is considering the same idea to reduce their monthly sewer bill by deducting their irrigation water usage. The board recommended that Miller check with the town and follows their recommendation on the style and brand of water meter to use.

SAMMONS MOVED TO ALLOW JEFF MILLER TO INSTALL LANDSCAPING AND A WATER METER IN ACCORDANCE WITH A NEW POLICY TO BE DEVELOPED TO ALLOW THE DEDUCTION OF IRRIGATION WATER FROM TOTAL WATER USAGE BEFORE THE MONTHLY COMMERCIAL SEWER CHARGES ARE CALCULATED TO AVOID OVERAGE CHARGES ON WATER USED THAT DOES NOT ENTER THE SEWER COLLECTION SYSTEM. UHRICH SECONDED. ALL "AYE" VOTES.

**ENGINEER'S REPORT:** Nick Marcotte provided the report for RG and Associates (RGA). The Process Design Report has been submitted to CDPHE for the Bio-Domes pilot test along with the 60% plans. Superintendent Jeremy Bock has talked to Doug Kamrud at CDPHE and they should have the report reviewed and approved by the end of the month. Once the report is approved, RGA will do the final 100% plans and technical specifications for CDPHE. After a 30 day review period, CDPHE will issue their final approval and we can begin the bidding process. Marcotte has talked to the new grants manager and we will need some sort of bidding process even though we are going with a sole source vendor. We may need to go out for bids for the flow curtains if the estimate is over \$65,000. Marcotte said they can get the final plans and specs done within a few days after CDPHE approval.

Marcotte and Superintendent Bock met with Dr. Johnson of Wastewater Compliance Systems (WCS) today to discuss the Bio-Dome project costs and the proposed budget. Dr. Johnson said that he has traveled around the intermountain west and has seen another community that is facing the same problem and they are looking at a cost of twice the price we are. He said that RGA has a very good knowledge of the state requirements and has been very good to work with. Johnson said another reason that we are saving so much money is the work the district is doing internally. The per unit price that WCS will be charging us is lower than they have ever done before and is due to our close relationship over the past four years. He feels that this project will open the floodgates as far as the use of Bio-Domes in Colorado.

Dr. Johnson said that his investors would like a letter of intent from the district to assure them that we are going to use the Bio-Domes

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Superintendent Bock said that we will need 518 additional domes over the 50 that we currently have. The proposed cost per dome will be \$2,600 so the total cost will be \$1,485,600 and for that cost WCS will include a 75 hp blower exactly like the two we already have and a 3 year service contract. The district will need to buy and install flow curtains at an estimated cost of \$35,000 and a soda ash feeder for pH control at a cost of \$65,000. We will also need additional valves and piping to build the manifolds for the Bio-Dome air supply lines. An additional electrical service line to the blower building is needed to be able to run two blowers at a time.

Marcotte said that the air diffusers in Ponds B and C will be moved to the front end of each pond to provide better air for BOD removal and this has saved us about 50 domes. Bock said that some domes are ready for shipping next week and he will stockpile them until the curtains are installed in Pond B and the diffusers are moved. A third blower will be installed and it will be the same as the two current ones. An additional electrical service will need to be run to the blower building so that two blowers can be running at the same time. The third blower will be our redundancy. He is unsure of the cost for the additional electrical service at this time and an electrical engineer will need to review the plans and come up with a recommendation and plans. The goal is to keep the total cost within the grant revenue and not have to go for a loan. The estimated cost will be very close to the grant funds available of \$1.7 million. Dr. Johnson said the domes have been upgraded since our first ones were installed in Pond C and have better quality plastic and about 20% more capacity. The project will include mechanical and performance guarantees and a three year service contract from WCS.

**SAMMONS MOVED TO SIGN A LETTER OF INTENT WITH WASTEWATER COMPLIANCE SYSTEMS FOR PURCHASE OF A FULL SCALE BIO-DOME SYSTEM. UHRICH SECONDED. ALL "AYE" VOTES.**

Dr. Johnson said he has been talking to other systems about how to use the new technology to upgrade their lagoon systems to meet the new state requirements. One of their installations is coming in with suspended solids with a non-detect and the lab had to rerun samples because they had never seen a lagoon system with a non-detect. He said some communities have put in mechanical plants and now find they can't afford to operate them. The dome system is much more cost effective and scalable for rural lagoon systems.

**OPERATOR'S REPORT:** Superintendent Bock said he will be removing the fabric cover from Pond A and that the new disks should be here next week. Dillon Willson starts next week as the seasonal helper and Bock plans to have them jet the lines in town now so they are available to help with the dome project when it gets into full swing. Dr. Colburn's cows are lifting up the fencing along the east side of the lagoons and have destroyed the current fencing. He has a proposal from H&H Fencing to replace the old T-post fencing with 8 foot wood posts with woven wire and two strands of barbed wire on top and one strand of barbed on the bottom. The estimate is \$3,102.70 to put in 710 feet of the new fence and \$355 to remove the old fence.

**UHRICH MOVED TO HAVE H&H FENCING PUT IN NEW FENCING PER THEIR PROPOSAL. JONES SECONDED. ALL "AYE" VOTES.**

Bock will do more research on the new power needs and the piping needed to supply the domes. He said the domes will need 61 hp of blower alone and we would need to buy two blowers to meet the redundancy requirement if we don't get a third blower like the current ones. The soda ash feeder is needed because as we remove ammonia we reduce the pH and alkalinity. He plans to go to Winter Park next week to look at a system. The feeder will have a hopper for the dry soda ash and a feeder that mixes the ash with water and puts the mix into the influent stream. The unit needs to be stainless steel to resist corrosion.

**OLD BUSINESS:** Deferred until later in the meeting.

**NEW BUSINESS:** Justin Villegas came before the board to ask that the sewer tap he abandoned in 2013 at 210 S. 3<sup>rd</sup> Street be reinstated. He went to the town board to ask that his water tap be reinstated. The water tap appears to be one physical tap and the supply for the second building runs from the house to the building by the alley. The alley building has a full bathroom and appears to have been a dwelling when the sewer was installed in 1959. The two buildings are on the same parcel and could not be subdivided by a future owner.

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Rosene said that he looked at our tap records and there are two distinct sewer taps that were purchased and each has a different tap location into the sewer main. The town is looking further into the situation to check their records and ordinances. Villegas said he was not aware that the abandonment was permanent and felt he did not get enough information before he asked for the abandonments. A form has been developed since he asked for his abandonment and is now in use that more clearly explains that once a tap is abandoned, it can only be reactivated by buying a new tap. During the discussion several potential ideas were mentioned on how to pay the monthly use fees if the tap is re-established if the town does not keep the water tap abandoned. The past monthly fees would be calculated from the time when the billing was stopped on the second account and would need to be paid in full. A payment plan could be discussed if the fees were more than Villegas could pay in one lump sum. Villegas will discuss the water tap with the town board at their next meeting and find out what their decision is on his water tap abandonment.

SAMMONS MOVED TO TABLE THIS ITEM UNTIL VILLEGAS RETURNS WITH A PROPOSAL FOR THE DISTRICT CONCERNING HIS ABANDONED TAP. WARD SECONDED. ALL "AYE" VOTES.

**OLD BUSINESS:** Rosene presented a proposal concerning the calculation of a credit for commercial users who go over the monthly overage limit due to a water leak. The proposal would allow a commercial user to ask the board for a credit due to a water leak that caused their monthly overage charge to increase provided that the water leak is located such that the water did not enter the sewer collection system. The credit amount would be calculated based on a comparable three month period in the previous three years. The leak is also required to be repaired in a timely manner.

SAMMONS MOVED TO ACCEPT THE PROPOSAL FOR CREDIT FOR Overage CHARGES FOR COMMERCIAL USE. UHRICH SECONDED. ALL "AYE" VOTES.

A resolution will be presented next month to amend the Rules and Regulations for the credit proposal.

Rosene presented a proposal for changing the Rules and Regulations to add an "Inactive Tap" fee category and an administrative fee to change the billing record. The "Inactive Tap" fee would be one-half the monthly use fee and the administrative fee would be a one-time \$10 fee, paid at the time the fee category is changed to inactive. This new category would be for sewer taps that have the town water service in a shut-off mode or for a property that has a sewer tap but no water tap. A fee hearing will need to be held to modify our fees and a 30 day notice will be needed in the paper for the hearing. Due to the 30 day notice, the hearing will need to be held at the July 11<sup>th</sup> meeting. Rosene will get the legal notice in the paper.

Superintendent Bock said that he and Director Jones will not be at the July 11<sup>th</sup> meeting and asked if the meeting should be rescheduled. Several potential dates were discussed. Bock could also provide a written report or call in. Sammons suggested that we wait until the June meeting to decide.

**ADJOURNMENT:** SAMMONS MOVED TO ADJOURN AT 8:32 PM. UHRICH SECONDED.

Signed:



Secretary