

**MINUTES OF THE
CENTRAL WELD COUNTY WATER DISTRICT and
LITTLE THOMPSON WATER DISTRICT
JOINT BOARD MEETING
February, 28, 2024**

The meeting of the Board of Directors of Central Weld County Water District and of the Board of Directors of Little Thompson Water District was held on Thursday, February 28, 2024, at 5:00 P.M. The meeting was held at the UNC Bears room in the DoubleTree Hotel located at 919 7th Street in Greeley, CO. The meeting was called to order at 5:06 pm by Albert Lind, President of the Carter Lake Filter Plant Board of Directors.

Present for Central Weld County Water District: Albert L. Lind, T. Scott Meining, Katie Strohauer and Peter Ulrich; Board Members; Stan Linker, District Manager and Roxanne Garcia, Office Manager. Absent: James W. Park

Present for Little Thompson Water District: Emily McMurtrey, Steven Brandenburg, Larry Brandt, Ryan Heiland, Ed Martens, Bill Szmyd, and James Walker; Board Members; Amber Kauffman, District Manager and Judy O'Malley, Recording Secretary.

Present for Carter Lake Filter Plant: Rick Whittet, Plant Manager and Bryan Bebermiss, Chief Operator

Guests Present: Wesley LaVanchy, WEL Consulting and Josh Cook and Randal Williamson, NEC Engineering

PUBLIC COMMENTS: None

MINUTES:

NEC PRETREATMENT PRESENTATION:

Josh Cook and Randal Williamson for NEC Engineering gave a presentation on the pretreatment plant at Carter Lake Filter Plant (CLFP) showing a model design and build out. The new plant will have storage for a full month at 32-33 mgd. The flow rate will be approx 10 mgd without pumping and with pumping the flow rate should be 17.5 mgd. There are three sets of basins, each at 17.5 mgd. There will be gravity and pumped capabilities. One existing generator will work for both plants. There will be DAF basins and tanks and all of the solids will come to the top to clean. This should pretreat turbidity, taste and odor, color, and oxidizing. No strainer will be needed as DAF takes it out. This plant will have bigger filters than current system, increasing by 65 mgd max out of plant. The new pretreatment plant can bring in Dry Creek water for pretreatment in one, two, or three basins. The current cost estimate was outlined in handouts provided at a cost of \$51 million. The lead time on some parts/supplies can be 2-3 years out so NEC has pre-ordered LSI to prepurchase some materials for end of 2024-2025. Some of the south plant piping has started

DRY CREEK OPERATIONS:

Discussion continued with the Dry Creek operations at the reservoir. There are currently three pumps at 2.1 mgd to help with the issue of dilution. It is thought that the designing of a new smaller pump of 1 mgd, a 10% dilution can be achieved. The treatment of dry creek water with copper sulfate will help with taste and odor complaints. According to Rick Whittet at CLFP, the plant should be ready in May 2024 to take the first sample with copper sulfate.

LTWD NATIVE WATERS:

Amber Kauffman of Little Thompson talked about the quality of water in Lone Tree and that some levels are lower concentration than Dry Creek. The levels that are higher appear in Geosmin, Copper, Iron, and Turbidity. Little Thompson has been acquiring native water since 2002 and is working on designing and layout of how to get native water up to Dry Creek. They are working on acquiring easements and alignments of pipelines for native water getting to Dry Creek which will probably take 1-2 years to acquire then design and then construction. Little Thompson currently encourages developers to use non-potable systems especially in Mead area. In 2023, the release of water happened with LTWD found someone to have a beneficial use for the release. It is CBT water so it has to have beneficial use per Northern Colorado Water Conservancy District. Also, the reveroirs are full due to last years rain so CBT has no place to go this year. Both districts are hoping that year round pumping of 1 mgd from Dry Creek would help taste odor color. There is a \$2500 demand charge per month for electricity if pumping from Dry Creek. LTWD is doing a feasibility study for solar on Dry Creek for evaporation and algea growth and also need to replace boat shed and boat. The question was asked if there a need to expand on the heighth of Dry Creek for storage? LTWD is undergoing a raw water master plan to evaluate their need, if any. CWCWD does not recommend adding to Dry Creek at this time.

CWCWD I25 TREATMENT PLANT:

Central Weld County Water District is starting an engagement agreement with TableRock a PP3 to develop a master plan for the I25 Treatment Plant near County Road 42 & 17 in Johnstown, CO. This will provide a water treatment plant, pipeline, and storage on a 50-acre site that was acquired by CWCWD. TableRock will manage a process for the master plan, design, engineering, and build out of the project. The plant will be owned by CWCWD. Through a concession agreement, the plant would provide water to existing and new customers in order to transport NISP. CWCWD would retain the right to approve work and the exit process not to continue if for any reason the plan does not fit CWCWD's scope. Currently, there is a 20inch pipeline in CR 42 & 17 that goes right in front of proposed plant location with a new 36inch pipeline needing constructed. The easements are being acquired and negotiated with landowners now. The total build out for the future could be 120mgd if ever needed. LTWD would need to work out how to get it to them if they see a benefit as a customer. CWCWD will also be working on getting water south from the 20inch and continue east to help the Town of Milliken and the City of Evans. The purpose is to transport and blend NISP water. A question was asked "What prevents CW from taking all of the capacity and leaving LTWD with nothing?" "What infrastructure will be needed to have LTWD participate?" and "Who sets rates?" All of this is yet to be determined until the master plan is completed by TableRock. CWCWD has had conversations with TableRock for years about several scenarios and projects. TableRock is very structured and has a wealth of experience in the same type of projects in California and other states. CWCWD feels that by utilizing TableRock, it will be more efficient since they have the experience. CWCWD is currently waiting for an engagement letter to then begin master plan.

6:30pm Break

7pm-7:50pm Dinner

LTWD PROJECTED WATER USE – RESTRICTIONS:

The growth in Little Thompson’s service area has been on the rise with the addition of the Barefoot Lakes development and the takeover of Arkins in 2000 and the Town of Mead in 2002. Mead has had a large growth rate especially. In 2021-2022, LTWD sold close to 700 taps and in 2023, over 600 taps were sold. CWCWD has been losing tap revenue and has not had growth in dairies or ag customers. Their growth has been in the TriTown area of Dacono, Firestone, and Frederick but Firestone has constructed their own treatment plant and usage has decreased. LTWD is looking at a 2% growth each year for the next several years which would run CLFP out of capacity.

LTWD has required watering days by address and no Friday watering. They receive calls from neighbors calling in on eachother. The first notice is a warning, the next time is a fine. LTWD’s average household income is \$104,000/year so price does not necessarily matter to some of their customers. LTWD’s surcharges are on budget and quarter taps only and the standard taps have super increased tiers.

CWCWD has tiered rates and surcharges on each tap size based on Tap Equivalents per tap size. Some of the customers such as the dairies have found ways to implement wells for dust control, blending with our water, and wash bays. CWCWD does not implement restrictions on their customers as the majority are agricultural. They have surcharge rates for each tap size to hopefully make their customers conserve or they will pay more through a tiered rate structure. CWCWD cannot issue restrictions unless it falls under the water contingency plan stage notification. The Town of LaSalle and the Town of Platteville have set their own restrictions while the other towns currently do not impose restrictions. LTWD and CWCWD will work together to see if the Town of Firestone will implement restrictions. They are currently using 6500 gallons a day thru their own treatment plant. CWCWD cannot negotiate peak demand pricing with the towns under current contracts.

There being no further business to be brought before the Boards, the meeting was adjourned at approximately 8:16 P.M.

T. Scott Meining
(SEAL)

Secretary/Treasurer