

9/19/2019 Minutes

1. Call to Order – 5:15 pm

Directors present: Ward Holmes, Chuck Stevens, Tom Brossia, Micael Roussin and Jeff Wagner. General Manager Charlie Smith, DW2 Customer Wayne Schrader, Greg Dubit and Mike Ellis from Shaw Solar were also present.

2. Approval of Agenda –The Agenda was approved.

3. 8/15/19 Minutes – Tom moved to approve the 8/15/19 minutes, Chuck second, Approved.

4. General Managers Report

Financials, Billing, Insurance, etc.

Balance Sheet and Budget Performance reports for August 2019 were reported. Rafter J is estimated. August water sales are \$1161 under budget (retail \$7294 over, bulk \$8455 under) YTD water sales are \$3657 over budget. YTD expenses are \$8,724 less than budget.

Customers requesting credit –

Rosenberger, 2021 Deer Valley: Tom moved to credit premiums for 2021 Deer Valley Rd., Mike 2nd. Approved.

Fields 336 Ute Junction Circle: Tom moved to credit premiums for 2021 Deer Valley Rd., Mike 2nd. Approved.

Total Assets, 474 N. Lakeside: Tom moved to credit premiums for 2021 Deer Valley Rd., Mike 2nd. Approved.

There were three other Customers with abnormally high readings.

Source and Supply –

The lake volume is approximately 969 acre-feet. Amber (45.5 af) was drained to Lake Durango. Copper sulfate was added as Amber drained. Between August 4 and September 17 there has been less precipitation in 2019 than 2018. An inspection of the reservoir outlet pipe is required. A Reservoir Accounting spreadsheet was developed to track LDWA and LPWWA water stored in Lake Durango in 2020.

Copper Sulfate may be added to the reservoir after the Solar Bee repair is completed which is currently scheduled for September 30.

Treatment

August water production was 6,020,000 gallons. August TTHM and HAA5 samples were below the MCL. Data loggers for clarifier inlet and filter out pressure monitoring will be purchased to help improve filter performance.

Distribution

August water sales are approximately 4,595,000 gallons, Rafter J is estimated.

A leak occurred when a new meter was being replaced in Rafter J. About 35 customers were out of service for 1 ½ hours. A check valve in the rafter J pumphouse failed causing the pipe to blow apart when the pump was energized on Thursday 9/12. 7 customers were without service for 2 hours while the leak was isolated. The piping was repaired and the check valve replaced on 9/13. Several customers asked for a credit for water use to flush discolored water, radios are being downloaded to determine the flushed amount. Lead and Copper testing results showed levels far below the MCL at each sample site.

Firefighters connected to the hydrant on Sawmill and Ridge Roads to combat a house fire across the street. Hydraulically the hydrant cannot sustain flow. They were directed to fill pumper trucks at a hydrant off of CR 141.

The line extension on Miramonte Dr. is complete and a new tap has been connected.

TTHM

SGM has conducted lab tests to determine if improvements to water treatment could remove enough organic carbon to prevent the formation of THMs. Results indicate that enhanced coagulation methods would not be sufficient to remove enough organic carbon. Chris and I will do additional testing and analysis to help determine the best use of coagulant. A water age model for the distribution system has also been completed. Progress reports were made available. Because 80% of THMs are in the form of chloroforms air stripping in storage tanks will be the most effective method for removing THMs once they are formed.

Budget

The 2020 Budget will be prepared prior to the next Board Meeting. Costs to implement improvements to control TTHMs may not be available prior to the initial draft budget. Wagner Power has provided a purchase/lease quote for a backhoe loader. \$95,000 purchase, \$1,275/month lease, \$70/month service contract. (If available 5 year 4% loan = \$1,750/month.) The average annual excavation costs including snow removal for the past 10 years is approximately \$12,000. information on used machines has been requested. To date 2019 Capital Improvements are \$82,000 less than budgeted. Big ticket items for 2020 will include rebuild of Lake Durango pump station, additional treated water pump(s,) Trappers Crossing tank repair, painting Lake Durango tank, upgrade treatment instrumentation, ALP water purchase. Water purchase and improvements total approximately \$380,000 plus TTHM costs.

5. Source Water Project.

Canyon has not made progress on determining the location of the leak in the 30" pipeline. Installation of a culvert over the 30" pipeline has been delayed because BOR concerns.

6. Shaw Solar

Mike Ellis and Greg Dubit made a presentation on a lease purchase option for a 95KW solar array at the treatment plant. Charlie will investigate insurance issues and Bud Smith will review a sample lease agreement.

7. Approval of Bills – Tom moved to approve the bills as presented in the check detail report, Mike ^{2nd}, Approved.

8. Public comments or Questions – There were no questions or comments.

9. Adjourn 6:45 pm.