

**HAMILTON CREEK METROPOLITAN DISTRICT**  
**BOARD OF DIRECTORS MEETING**  
**Wednesday, June 15, 2011**

Attending Board members:

Ann Beauprez	Tom Hand
Bill Ferris	Chuck Harris
Jacque DeLorimier	

Others attending:

Bob Polich	Administrator, Mountain Systems, Inc.
Matt Willitts	Water Operator, Water Solutions

President Tom Hand called the meeting to order at 3:00 PM.

**Minutes.** *The minutes from the March 16, 2011 meeting were approved as written. (DeLorimier/Beauprez,5-0).*

**Water Operations Report.** Matt Willitts of Water Solutions provided the Board with an update of operations. The high snow pack resulted in a difficult runoff period. Water production had improved in recent days and currently the production was increasing the water storage in the tank. The current level was 22 feet with the maximum level 30.5 feet. During the peak runoff the bag filters were being changed every two hours. For a two week period the plant required 24 hour staffing. The run off this year has extended for three weeks compared to 10 days last year. It was possible some gravel would need to be replaced in the infiltration gallery due to the high stream flows. The recent disinfection by-product sampling provided better results lowering the running average from just below 60 ug/L to 53 ug/L. That action level is 60 ug/L. There was a discussion of the bank owned property at 21 Heathers Way where recent excavation to repair drainage problems indicated the service line was shallow in an area near the garage door. There had not been a previous freezing problem, but a shallow line always has a concern regarding freezing from weather or usage changes.. Other than insulation of the line, no corrective action was taken or required by the District at this time. Information regarding the shallow line would be communicated as part of any closing request. Valve maintenance was in progress and hydrant maintenance would start soon. The PRV vault work will be done later this summer. There was a discussion of the next by-product sample to be taken in September and the sampling procedure.

**Water Treatment Facility.** Matt updated the Board regarding some testing in progress with the existing bag filtration system. The test during runoff was the use of alternate filter methods prior to the existing treatment filters to reduce turbidity in the water resulting from the runoff. The testing probably was responsible for allowing the plant to produce some water during the runoff period, but did not appear to be a long-term solution.

**Micro Filtration Units.** Micro filtration was a preferred water treatment method that had been considered in the 2003 plant repair and was the treatment method in the new facility considered in 2010. The cost of the micro filtration unit for the new facility was \$250,000. The major problem with the use of the micro filtration units was the waste disposal without a sewer system. Through a contact with Matt, two micro filtration units were available at a cost of \$5,000 each with \$2,000 shipping from New York. Each machine would require an estimate of \$20,000 to

\$25,000 to refurbish for use in the Hamilton Creek application. There was a discussion regarding the benefit and cost savings for a future plant upgrade. *A motion was approved to acquire up to two used micro filtration units at a cost to not exceed \$7,000 each. (Harris/Ferris,5-0).*

**Water Plant.** There was a lengthy discussion regarding the current bag filtration system in the existing pump house location and the required modification to meet future State water quality standards. Based on the 2011 runoff, there does not appear to be any upgrade to the bag filtration process that could handle high run off. Planning had been started to convert to the micro filtration process using the current pump house area by expanding the existing structure. Following the meeting, the Board traveled to the pump house facility for a tour provided by Matt.

**Financial Summary.** A financial summary for the five months through May was provided to the Board. User fees were lower than budgeted due to a partial write off of excess water usage fees on the bank owned property. Road maintenance is lower than budgeted despite the heavier winter. Water operations are above budget due to the higher cost of handling the run off and planning costs of alternate water facilities. Overall, total operations are slightly better than budgeted. The projected year-end fund balance was approximately \$100,000. The anticipated lower property taxes were factored into future budgets. Approximately \$300,000 would be available by 2011 for water plant improvements.

**Asphalt.** A proposal was reviewed from Double M Asphalt for road patches and crack filling. Based on informal costs obtained from other asphalt companies, Double M remained the lowest cost provider for quality asphalt work. The survey of the roadways indicated they remained in good condition. Areas of the roadway where there is evidence of base failure are removed and patched on an annual basis. *A motion was approved to accept the proposal from Double M for patches and crack filling to not exceed \$24,200. (Beauprez/Ferris,5-0).* There was a discussion regarding the failed asphalt on Red Buffalo and Hamilton Creek Trail. These roadways had not been accepted by the District for maintenance.

**Operations.** The water tank color and chrome tank cover attachment strip was discussed. There was no current consensus regarding a finish that would be an improvement. There was a discussion regarding the chipping and disposal of the dead trees compared to distribution of the chips in the forest. There was a concern regarding hindering forest floor growth by the application of chips. A limited amount of chipping to the forest floor would be tried this year. The preference would be to haul most of the chips away. The slash pick up from the road sides would end the week following the 4<sup>th</sup> of July. The septic tank pumping has been completed. There were three tanks found with sealing failures between the chambers. All of the problems were corrected as needed. Alpine Tree Service was monitoring the weed growth and would spray on the shoulders of Hamilton Creek Road and Lakeview Circle when the conditional were optimal.

**Other.** Jacques DeLorimier would provide the water plant update at the annual meeting of the homeowners.

**Next Meeting.** The next meeting would be September 14, 2011 at 1 PM. The following meeting would be November 16<sup>th</sup> at the Silverthorne Library.

The meeting was adjourned at 5:15 PM.