

Mesa Cortina Water & Sanitation District
BOARD OF DIRECTORS MEETING
Tuesday, January 5, 2016
Silverthorne Fire Station

Attending Board members:

Jon Whinston

Randy Rehn

Billy Jack

Barry Westerland

Greg O'Neill

Others attending:

Deborah Polich

NP Services, Inc.

Jeff Leigh

District Manager

Stan Wagon

36 Spring Beauty Drive

Steven & Kim Hubble 1525 Royal Buffalo Drive

Snowbridge

Chris Tatro and Brocklyn Stone

The meeting was called to order at 5:00 PM.

Minutes. *The minutes of the December 1, 2015 meeting were approved as written. (Rehn/Jack,5-0).*

Snowbridge. Representatives from Snowbridge, a Breckenridge firm, attended the meeting to provide information regarding sewer services and products they offered to private owners and utilities. Service provided included access excavation, video and cleaning of lines, sewer lining, trenchless repair, and pumping. One of the products installed by Snowbridge was a sewer backflow preventive device. Sewer backflow devices are not required for construction in Summit County, but Snowbridge has installed them in properties they have worked on for additional protection.

There was a lengthy presentation of trenchless repair options including the technology and products available. Snowbridge focuses on cured in place liners for sewer pipes two inches to ten inches for short segments and service lines. Curing options included hot water, steam and ambient. The life of the repair is expected to be 30 to 50 years. The warranty for the repair work is two years. Repairs of offset pipe can correct the lip of the offset and smooth the flow, but not change the offset.

The next portion of the presentation was repair options for the main line at the service line connection. Not all service line connection repairs are suitable for the use of trenchless options.

There was information presented on manhole and vault repair options. Interior coating of manholes is a two part spray that requires the manhole to be dry. Exterior foam sealing around the manhole is a technique to block water prior to the interior coating application. Cost of manhole coating work was approximately \$350 per linear foot. The option of chemical gout repairs are done during the time the manhole is leaking with an estimated cost of \$1,000 per manhole.

Snowbridge indicated excavation and replacement as a sewer line repair is generally the best option unless other utilities and expenses make the access cost prohibitive. Then the trenchless options discussed in their presentation become a viable alternative. Snowbridge does work for the Upper Blue Sanitation District, Town of Frisco, Snake River Sewer, and the Town of Dillon. Snowbridge has 17 employees. References from clients and of their employees are available. The District is anticipating 10,000 feet of video and cleaning work this spring that Snowbridge would be interested in providing a proposal for.

Sewer line replacement by pipe bursting was discussed. Reconnection of service lines requires excavation. Snowbridge does most pipe bursting on service lines. The approximate cost of lining a four inch sewer service line is \$100 per linear foot. Bursting was discussed as an option to replace the approximate 30 feet of clay line from the new green belt line to the road manhole. There was a discussion of having a formal bid from Snowbridge for the three known service line problems plus any

additional problems discovered during the 2016 spring video inspection with the repair work done in the summer or fall. The discussion concluded with information on the use of coatings for protection of the water tank.

Water Line Replacement. Jeff contacted engineer Jim McLaughlin who will be starting preparation of drawings to replace the water line along Kings Court up to Solomons Lane. Also to be included was the Aspen Drive 4” line. The bids could be obtained for both projects or they could be split. Included are additional valves and replacement hydrants.

Buffalo Mountain Metro District (BMMD). Jeff indicated conversations with the Manager and the Board Chairman indicated they do not have an interest in renegotiating the water and sewer line contract or assumption of operations of the Mesa Cortina Water and Sanitation District. There was a discussion if BMMD would calculate usage on a quarterly basis as it is billed rather than the current usage calculation on a monthly basis.

Shooting Star Vault. The new controls are not yet operational and the system is being operated manually. Jeff expected the controls to be operational in the next few days. Jeff indicated the controls would provide backups and new information beneficial in the operations. The electrical service was connected from the old feed and Jeff was waiting on an invoice to submit to Xcel for reimbursement for additional work required due to the error in the requirements provided by the Xcel contractor. Billy Jack left the meeting after the vault discussion.

Bashore Well. Jeff indicated the water attorney estimated it would be approximately \$15,000 in legal fees to obtain inclusion of the Bashore well for use in the District. Approximately \$10,000 was estimated to test the well for production numbers required to do the legal submittals. Discussed were the financing options, the construction needs for the project, and obtaining an update of the original projections by McLaughlin. Jeff will contact McLaughlin regarding an update of the original projection and if he could attend a meeting in the future to explain the options. The existing wells would continue to supplement water into the system. Currently there are two production wells and one test well. Drilling a new well to replace the test well or drilling new production wells to increase capacity were options to consider.

I&I Compliance for Service Line repairs. Jeff suggested considering at the next meeting a penalty for non-compliance for service line repairs.

Legal. There was a discussion regarding conflicting options regarding the BMMD contract based on the current information known regarding the contract terms and history. The discussion would be continued at a future meeting.

Next Meeting. The next meeting will be February 2, 2016 in the Silverthorne Fire Station.

The meeting was adjourned at 7:38 PM.