

EXHIBIT E
Engineering Information

The attached report from Great Basin Engineering, dated June 23, 2011, describes the general design of Mountain Sewer's systems, including storage capacity and service quality.

Additions or improvements in the last five years, as indicated in the Annual Reports filed with the Division of Public Utilities:

2011: Installed two manhole stations: \$16,723.62

2010: none

2009: none

2008: none

2007: none

Service Deficiencies and Remedies:

See attached engineering report and Exhibit G7

Anticipated additions of improvements:

See attached engineering report and Exhibit G7



GREAT BASIN ENGINEERING

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June 23, 2011

Mountain Sewer Corporation
Attn: Ronald J Catanzaro, MD
932 Ski Lake Drive
Huntsville, Utah 84317

RE: MOUNTAIN SEWER CORPORATION - SYSTEM REPORT

The Mountain Sewer System is located just South of Pineview Reservoir along State Road 39 and Snow Basin Road in the Huntsville Area. This water system can also be described as being located in Sections 13, 23 and 24 of Township 6 North, Range 1 East, Salt Lake Base and Meridian.

The sewer system was established in the 1983 to the proposed development of approximately 250 acres of property that Mr. Catanzaro was developing. The Mountain Sewer Corporation System has been upgraded several times and now consists of the following:

- 3 aerated sewage Lagoons with transfer structures, Blower / pumping building built in 1983.
- A 19.9 acre-foot winter storage pond
- A 1.0 acre tree farm – (test area)
- A Sewage Lift Station with automated control system and alarms
- Collection piping, with Manholes.

The sewer treatment facility is situated on 10.81 acres in the name of Mountain Sewer Corporation, with an additional 22.85 acres of potential expansion area in the name of Ronald J. Catanzaro.

The sewage treatment system has been approved based on a usage rate, through the Utah State Division of Water Quality. This means new connects to the system will be allowed until the 19.9 acre storage pond reaches 75 % of its' storage capacity and then no more connections will be allowed until additional treatment and disposal capacity is reached. Long term sequences of additional expansions have also been submitted to the State Division of Water Quality as part of the approval process.

There are still two items needed to treated sewage in to the 19.9 acre storage pond. First the rip rap needs to be installed around the perimeter of pond and the pumps need to be installed in the pump house to get effluent in this pond.

The Mountain Sewer Corporation currently serves the following developments:

- Lakeside Village
- Edgewater Beach Resort
- Ski-Lake Estates
- Summit at Ski Lake
- Chalets at Ski Lake
- Catholic Church

The number of connections allowed into the system is not exactly determinable.
Connections to the system will be allowed until the 19.9 acre storage pond reaches 75% of it capacity.

With the completion of the storage pond and the 7.35 acre tree farm, the water budget which includes the sewage effluent inflow, precipitation on the open ponds, evaporation, seepage and water uptake from the tree farm, the overall system is anticipated to treat up to 49,600 gallons per day. The water and sewer flow monitoring over the past 10 years have ranged from 50 gpd to 180 gpd. Using an average of 130 gallons per day (which appears to be high based on actual effluent levels within the first two treatment ponds, see paragraph below), the treatment system with land application could serve at approximately 381 connections.

The current level of effluent in the south lagoon is approximately 5 feet of the total design capacity depth of 14 feet (between 30% to 35%). There is a current depth of approximately 4 feet in the middle aerated lagoon pond of a maximum depth of 14-feet (less than 30% capacity) and there is no effluent in the North Lagoon. The current system is at less than 25% of the overall storage capacity of the aerated lagoons treatment system. The earthwork and piping for winter storage pond was completed several years ago, but the clay liner, rip-rap, pump system and disinfection system have not been installed, because they would still be sitting dormant and subject to continued maintenance. These improvements can be installed in a 45 to 60 day period, possibly quicker, depending on the amount of equipment and workers available.

We have anticipated, based on the history of the overall development, that the projects would be constructed at a relatively steady growth rate over a significant time frame, so the sewage flows could be monitored and make the appropriate upgrades or expansions to the sewer treatment system, as the projects develop.

The sewer connection fees to system are set at \$3,000 per connection. Based on the current agreement with the Weber County Sewer Board the fees are anticipation to increase to \$6,000 per connection to cover the projected expansion of the system. The monthly maintenance fees have been \$22 per month since the initial treatment facility was constructed in 1984. These fees are anticipated to increase to approximately \$50 per month to handle the overall maintenance of the treatment and collection system.

Winter Storage Pond

To complete the 19.9 Acre-foot winter storage pond will require weed removal within in the pond area, installing a clay liner, installing rip-rap to minimize erosion due to wave action, installing pumps in the existing blower building and installing a chlorine disinfection system. Completion of the winter storage facility will costs about \$350,000.

The new phase of expansion is the installation of a filtration station for drip irrigation system used to water a tree farm that harvests mature trees. Initially, a 1-acre tree farm using a drip irrigation system was tested using culinary water; because not enough sewage was being generate to keep the trees alive. The next phase of the tree farm would expand it to approximately 7.35 acres. The estimated cost for the filtration system and tree farm is approximately \$325,000.

The overall master plan for the sewer treatment system includes the construction of another 19.5 acre-foot winter storage pond and a 7.5 acre tree farm on the property 22.85 acres adjacent to the existing facility.

If the addition winter storage pond is needed to accommodate future developments, the pond will cost approximately \$500,000 to complete. The additional 7.5 acre tree farm is anticipated to cost approximately \$175,000 (additional filtration system is not anticipated).

Reserve funds should be set aside to accommodate scheduled maintenance and unforeseen repairs to the overall Sewer System.

Mountain Sewer Corporation

Should you have any questions, please contact me.

The Mountain Sewer Corporation will allocation connections to the projects at it's
Discretion and will control when the infrastructure additions will occur.

Please contact me if you have any questions or need further information.

Sincerely,
GREAT BASIN ENGINEERING, INC.

A handwritten signature in black ink, appearing to read "M E Babbitt".

Mark E. Babbitt, PE / RLS