

Engineering Information:

1. *Source of water supply*
 - a. The sources of water are the Mitchell Well (approved flow 245 gpm) and the Bowden Well (approved flow of 310 gpm), both located at the northeast corner of the Lakeview Water System boundary.
2. *Information for all wells*
 - a. Mitchell Well and Bowden Well
 - b. See **Exhibit E** (Lakeview Water System Report)
3. *Mains and meters information*
 - a. There are currently 281 meters of various ages
 - b. The water distribution system consists of 4-inch, 6-inch, 8-inch, and 10-inch PVC pipes
4. *Reservoirs information*
 - a. There are currently two water storage reservoirs in service, both located near the southern boundary of The Summit at Ski Lake. The first, smaller and older, reservoir has a capacity of 52,600 gallons and has an overflow elevation of 5345.12. The larger reservoir sits adjacent to and just west of the first reservoir and has a capacity of 449,000 gallons, with the small overflow elevation. A third reservoir has recently been constructed near the southwest corner of the system, primarily to serve the Legacy Estates Subdivision that is currently under construction. This reservoir has a capacity of 250,000 gallons and the overflow elevation is 5784.0. There is a fourth reservoir located on the west side of The Chalets at Ski Lake with a capacity of 52,200 gallons, that is currently not in use and not counted in the storage totals.
5. *Storage capacity*
 - a. The small reservoir provides 52,600 gallons of storage. The Large adjacent tank forms 449,000 gallons of storage and the new reservoir will provide an additional 250,000 gallons of storage – totaling 751,600 gallons of storage.
6. *Service deficiencies and remedies*
 - a. As part of the addition of Legacy Mountain Estates, an additional 70 gpm source is being developed through the addition of the Stoddard Well. The water in this well needs to be treated for arsenic removal. The design for this treatment is currently under way. Costs for this design and construction have been provided by the developer of Legacy Mountain Estates.
7. *Service quality*
 - a. Please see **Exhibit A** for water quality reports from the Utah Division of Drinking Water
8. *Additions or improvements in the last five years*
 - a. The 4-inch supply line from the Bowden / Mitchell Wells was upgraded to an 8-inch supply line in 2020.

- b. The construction of the water system improvements in Legacy Mountain Estates have taken place over the last 2 years (2021 and 2022).
9. *Any anticipated additions or improvements*
 - a. The addition of the Stoddard Well and treatment system to Lakeview Water System, is anticipated in 2023.
10. *Efforts to encourage conservation*
 - a. As part of the approval of each of the projects within the Lakeview Water District Boundaries, landscaping has been limited in their CCR's. Initially in the 1990's the lots were limited to 10,000sf of landscaping. Since that time, the lots in the Summit of Ski Lake have been limited to 5,000sf per lot and the lots in The Chalets at Ski Lake and Legacy Mountain Estates have been limited to 4,000sf per lot. As part of the development of Edgewater Estates, 30% of the landscaping had to be with drought tolerant materials needing minimal irrigation.
11. *Is secondary water distributed through the culinary system?*
 - a. Yes, there is a ditch irrigation company who supplies 5% of the population with non-pressurized secondary water via the South Bench Canal.