

Client Contact:
Mr. Dan Burroughs
Town of Dillon
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Services Provided:
• **Geotechnical Study**

Project Summary:

Cesare, Inc. (Cesare) performed a subsurface analysis for a proposed water tank to be located on the northwest side of an existing tank. The proposed structure will be a 90 foot diameter, 1.5 million gallon, above grade, glass fused to steel Aquastore tank. It will be constructed at the site of an excavated pond and at an elevation of about 10 feet below the current tank's grade. Cesare anticipated up to 10 feet of material would be removed prior to construction.

Subsurface conditions were studied by drilling three borings down to a maximum depth of 40 feet along the pond's perimeter and one in the center. Piezometers were placed to full depth in three of the borings. Cesare's borings indicated the subsoils along the perimeter of the pond were generally composed of fill overlying native clay, weathered claystone, and claystone. Foundation recommendations for spread footings and drilled piers were given.

