

Carroll Lake Site Preparation Specifications

The *Site Contractor* shall be responsible for filling in the defined area (See Attached Drawing) ¹ equal to .30 acres. The depth of fill shall reach 10.5 feet at the deepest point. The material shall be sand quarried locally. The Site Contractor shall fill the prescribed area using 12-inch lifts compacted to 95% to 100% Standard Proctor. The contractor shall compact each lift using one of two methods:

1. Smooth Drum Roller
2. Vibrator Roller

The TWRA Engineering will be responsible for having a Geotechnical Contractor on site to test each lift for proper compaction.² Based on TWRA Surveys, the amount of fill to be provided by the Site Contractor will be approximately 150 loads of sand delivered by triaxle dump trucks carrying a minimum of 22 tons per truck load.

If the Site Contractor chooses to use a material other than sand, the Site Contractor shall submit a sample for testing and approval to the TWRA Engineering prior to beginning any site work. Any changes in material shall be approved by TWRA's Engineering staff. The final product shall meet the standards of the Geotechnical Engineer hired by TWRA.

Once the Site Contractor has completed filling the site with appropriate material and reached an elevation of 415 feet, the TWRA Engineering will be responsible for having final compaction tested by a Geotechnical Engineer. Once the site conditions are approved by TWRA, the Site Contractor will be considered 100% complete.

¹ Site Drawing and location of building pad

² TWRA Engineering will bear the cost of hiring the Geotechnical Engineering Company.