

## Ground Water Table Monitoring

The maximum ground water table is to be at least two feet below the bottom of the installed absorption field. In areas where the elevation of the maximum ground water table is in question, the ground water table will be monitored through the season of maximum ground water table. Monitoring is required for all sites in Western Weber County and determined on a site by site basis in the Upper Ogden Valley and Morgan County.

Monitoring of the ground water table is performed by this office upon completion of the required application and submission of the appropriate fees at the rate of \$462.00 per monitoring site. Monitoring is required at the minimum rate of one site per three acres or one site per lot if lots are larger than three acres.

Three wells should be installed in a triangular pattern, 60-80 feet apart, in the area of the proposed absorption field in accordance with the attached diagram to assure that the recorded water table levels are indicative of the naturally occurring ground water table. In most cases, monitoring will begin in the month of December and continue through the season of maximum ground water table. You can anticipate that the season will extend through the month of April. While monitoring wells can be installed at any time, determination of the dates for the season of maximum ground water table in any given year can only be made after review of the water table levels recorded.

Monitoring will be performed on a weekly basis. Whenever the water table reaches thirty-six (36) and twelve (12) inches below the original ground surface, you will be notified. If you feel that the water table levels have been influenced by factors related to the site conditions, please make any corrections as soon as possible. If any corrections or modifications occur outside the season of maximum ground water table, it will be necessary to monitor through the next season.

# Recommendations for Ground Water Monitoring Wells

Site conditions may require modifications of monitoring well design.

