

WEBER-MORGAN HEALTH DEPARTMENT  
WASTEWATER PROGRAM OFFICE  
477 23rd Street, Ogden, Utah 84401  
Phone 801-399-7160 Fax 801-399-7170

**APPLICATION FOR MAXIMUM GROUND WATER TABLE MONITORING**

Fee Paid _____	Fee Owed _____	Log # _____
<b>FEE: \$462 – (per site: 3 monitoring wells)</b>		

Site Address \_\_\_\_\_ Land Serial # \_\_\_\_\_

Subdivision \_\_\_\_\_ No. Lots \_\_\_\_\_

Applicant \_\_\_\_\_ Phone \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Email Address \_\_\_\_\_

A fee of **\$462** is required for each monitoring site. One monitoring site consists of three wells installed in a triangular pattern of approximately 60-80 feet apart. Monitoring is required at the rate of one site per three acres or one site per lot if lots are larger than three acres.

The wells should be installed in accordance with the attached diagram to assure that the recorded water table levels are indicative of the naturally occurring ground water table. While monitoring wells can be installed at any time, determination of the dates of the season of maximum ground water table in any given year can only be made after review of the water table levels recorded.

Signature \_\_\_\_\_ Date \_\_\_\_\_

## **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 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. 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 with consecutive readings whenever the water table reaches thirty-six (36), twenty-four (24) and twelve (12) inches below the original ground surface. You will be notified when the water table reaches these levels. 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. Adjustments to official ground water table levels can be made during the season of maximum ground water table.

## Recommendations for Ground Water Monitoring Wells

Site conditions may require modifications of monitoring well design.



