

**VERMONT RESIDUALS MANAGEMENT QUARTERLY REPORT**

**INSTRUCTIONS - GROUNDWATER MONITORING ANALYSIS RESULTS AND WATER TABLE DEPTHS**

Use this form to report measurements of the depth to groundwater or saturated soil at land application sites and to report groundwater monitoring results.

**SAMPLE IDENTIFICATION INFORMATION:**

Site Common name: Enter the common name used to identify the land application site on which the monitoring well from which the sample was taken is located. Examples: James Brown Field, Site #1, Site A, etc.

Laboratory Sample ID Number: Enter the number assigned to the sample by the lab that ran the analysis. This number is found on the laboratory's results report sheet.

Date of Sampling: Enter the date on which the sample was taken from the monitoring well, not the date that the lab ran the analysis or reported the results.

Monitoring Well ID#: Enter the common name used to identify the groundwater monitoring well. This number is found in your solid waste management facility certification. Examples: MW-A, MW-1, etc.

Laboratory Name: Enter the name of the laboratory that completed the analysis

**NOTE:** Use one column per laboratory. If the primary lab subcontracts the analysis of individual parameters to a secondary laboratory, use a separate column to enter the results of the subcontracted analyses.

**WATER TABLE DEPTHS INFORMATION:**

**DATE MEASURED:** Enter the date on which the reported depth measurement was made.

**DEPTH FROM GROUND SURFACE TO WATER TABLE:** Enter the measured depth in units of feet.

**MEASUREMENT METHOD:** Circle 'W' if the depth was measured in a monitoring well. Circle 'A' if the depth was measured with a hand augur or similar device.

**GROUNDWATER SAMPLES?:** Circle 'Y' (yes) if groundwater samples were taken at the time the depth was checked, or 'N' (no) if samples were not taken.

**Vermont Groundwater Standards**

CONTAMINANT	PAL	ENFORCEMENT STANDARD
Arsenic (As)	5.0 ug/l	50.0 ug/l
Barium (Ba)	1000.0 ug/l	2000.0 ug/l
Cadmium (Cd)	2.5 ug/l	5.0 ug/l
Chromium (Cr)	50.0 ug/l	100.0 ug/l
Lead (Pb)	5.0 ug/l	15.0 ug/l
Mercury (Hg)	1.0 ug/l	2.0 ug/l
Molybdenum (Mo)	20.0 ug/l	40.0 ug/l
Nickel (Ni)	50.0 ug/l	100.0 ug/l
Selenium (Se)	25.0 ug/l	50.0 ug/l
Silver (Ag)	50.0 ug/l	100.0 ug/l
PCB	0.25 ug/l	0.50 ug/l
NO <sub>3</sub> <sup>-</sup>	5000.0 ug/l	10000.0 ug/l
Cl <sup>-</sup>	125000.0 ug/l	250000.0 ug/l
Copper (Cu)	500.0 ug/l	1000.0 ug/l
SO <sub>4</sub> <sup>-2</sup>	125000.0 ug/l	250000.0 ug/l
Zinc (Zn)	2500.0 ug/l	5000.0 ug/l
Total Dissolved Solids (TDS)	250000.0 ug/l	500000.0 ug/l

Limits from Vermont Groundwater Protection Rule and Strategy Appendix 1 - Table 1

**Converting ug/l to mg/l; use the following formula:** ug/l ÷ 1000 = mg/l

**ATTACH THE CORRESPONDING LABORATORY RESULT SHEETS TO THIS FORM**