

**WAC 173-351-415 Groundwater reporting.** (1) Each owner or operator must prepare and submit a copy of an annual groundwater report to the jurisdictional health department and the department by April 1st of each year. The groundwater annual report must include completed forms developed by the department and the following information:

(a) A brief summary of statistical results and/or any statistical trends including any findings of any statistical increases for the year;

(b) A brief summary of groundwater flow rate and direction for the year, noting any trends or changes;

(c) A copy of all potentiometric surface maps developed for each quarter or approved semi-annual period; and

(d) A summary geochemical evaluation noting any changes or trends in the cation-anion balances, Trilinear diagrams and general water chemistry for each well.

(2) A quarterly, or alternate frequency approved in accordance with WAC 173-351-450, groundwater report must be submitted to the jurisdictional health department and the department no later than sixty days after the receipt of the analytical data. The groundwater report must include completed forms developed by the department and all of the following:

(a) All groundwater monitoring data for the sampling period;

(b) A brief summary of statistical results and/or any statistical trends and all statistical calculations;

(c) Notification of any statistical increase and concentrations above the criteria in chapter 173-200 WAC, Water quality standards for groundwaters of the state of Washington;

(d) Static water level readings for each monitoring well for each sampling event;

(e) Potentiometric surface elevation maps depicting groundwater flow rate and direction;

(f) Cation-anion balances and Trilinear diagrams; and

(g) Leachate analysis results if sampled and tested.

(3) All groundwater monitoring data must be submitted consistent with procedures specified by the department. Unless otherwise specified by the department, all groundwater monitoring data must be submitted in an electronic form capable of being transferred into the department's data management system.

[Statutory Authority: RCW 70.95.020(3), 70.95.060(1), and 70.95.260(1), (6). WSR 12-23-009 (Order 07-15), § 173-351-415, filed 11/8/12, effective 12/9/12. Statutory Authority: Chapter 70.95 RCW and 40 C.F.R. 258. WSR 93-22-016, § 173-351-415, filed 10/26/93, effective 11/26/93.]