

How to read your Lab report:

Analyses: List of the parameters that were tested.

Result: The amount of that parameter in your sample. The “<” symbol indicates that the amount is less than our lab reporting limits.

Units: mg/L is milligrams per Liter and the same as ppm, parts per million. ug/L is micrograms per Liter, the same as ppb, parts per billion. For solids, the unit is mg/kg, milligrams per Kilogram.

RPT Limit: Report Limit is the lowest amount this lab can reliably report for that parameter. These levels can change based on the dilutions we must make to samples, in order to produce that quality, reliable data. Other similar acronyms include PQL, MDL and RL.

MCL: EPA’s Maximum Contaminant Level. Action Level is similar and referenced for lead. If there is an exceedance, the column to the right of the MCL column will have the notation, “Exceeds MCL”, and you will be notified by the lab. In drinking water, if the result exceeds the MCL, action must be taken before this water is consumed. If no results exceed an MCL, the sample meets the safe drinking water criteria established for the parameter listed. Not all parameters have an MCL.

Analyst and Date: The analyst who did the analyses and the date the sample was analyzed.

Method number: The EPA-approved, parameter-specific method used to analyze the sample.

If Volatile (VOC) or Semi-Volatile Organic Compounds (SVOC) were analyzed, there may be results associated with the trip blank. The trip blank is a known blank sample that travels with the samples to the sampling site and back to determine if any parameters may have been picked up during transit.

As always, if you have any questions or concerns about your report, please contact us.

Thank you for your business.

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