

**Idaho Department of Water Resources**  
**Statewide Ground Water Quality Monitoring Program**

**Sample Results**  
**2019**

Site ID	Station Name	Sample Date & Time	Sample ID
<b>474458117004002</b>	<b>51N 05W 19DBC3</b>	<b>July 23, 2019 5:51 PM</b>	<b>GWQM-2019-215</b>

Thank you for allowing your well or spring to be sampled as part of the Statewide Ground Water Quality Monitoring Program. Your site is one of about 1,600 monitoring sites currently in the Statewide Network. The results for your site are listed below.

If a constituent exceeded one or more of the Primary Maximum Contaminant Levels (MCL) established by the U.S. Environmental Protection Agency for public water systems, the result will be shown in **bold underline font** and will have pink shaded text box below it that states the MCL level that was exceeded. Refer to the EPA National Drinking Water Standards for an explanation of these MCLs at <http://www.epa.gov/safewater/standards.html>.

The IDWR Statewide Program web page <https://idwr.idaho.gov/water-data/groundwater-quality/> contains additional water quality information.

If you have any questions about the results, please contact Amy Steimke at [amy.steimke@idwr.idaho.gov](mailto:amy.steimke@idwr.idaho.gov) or (208) 287-4833.

**Well Data**

County	Kootenai	Well Depth	212 ft	Casing Depth	211 ft	Elevation:	2132.37 ft
Water Use	Public Supply			Latitude	47.7495	Longitude	-117.01227778

**Physical Properties**

Alkalinity	190 mg/L	Dissolved Oxygen	6.03 mg/L
Hardness	190 mg/L	pH	7.68 pH
Pumping Period	20 minutes	Specific Conductance	450.4 uS/cm
Water Temperature	9.8 °C		

**Inorganics**

Ammonia as N	<0.050 mg/L	Arsenic	<0.0020 mg/L
Cadmium	<0.0010 mg/L	Calcium	60 mg/L
Chloride	5.68 mg/L	Copper	0.0012 mg/L
Fluoride	<0.20 mg/L	Iron	<0.010 mg/L
Magnesium	9.8 mg/L	Manganese	<0.0010 mg/L
Nitrate	1.4 mg/L	Potassium	2.1 mg/L
Selenium	<0.0020 mg/L	Silica as SiO <sub>2</sub>	19 mg/L
Sodium	4.6 mg/L	Sulfate	4.92 mg/L
Total Phosphorus	<0.0050 mg/L		

**Pesticides / Herbicides**

Atrazine *	<0.1 ng/mL	Glyphosate *	<0.20 ng/mL
Imidacloprid *	<0.3 ng/mL	Metolachlor *	<0.1 ng/mL

**Emerging Contaminants**

Bisphenol A *	<0.05 ng/mL	Triclosan *	<0.1 ng/mL
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**Result Codes**

< less than reporting detection limit  
 \* Analyzed using a screening tool (immunoassay) that tests for presence/absence in the sample and provides an estimated concentration if detected.

**Unit Abbreviations**

µg/L	micrograms per liter (parts per billion)	pg/mL	picograms per milliliter
mg/L	milligrams per liter (parts per million)	ng/mL	nanograms per milliliter
µS/L	microSiemens per centimeter	ft	feet
pCi/L	picoCuries per liter	°C	degrees Celsius
		Col/100 ml	colonies per 100 milliliters

**Hardness Scale**

<60 mg/L	soft
61-120 mg/L	moderately hard
121-180 mg/L	hard
>181 mg/L	very hard