



H₂O Pro Inc.

Box 592
Cochrane, AB T4C 1A7

Phone: (403) 921-8949 **Lab Number:** 86047

Fax: (403) 851-9990

Email: **PO Number**

Sample Info: Wintergreen Woods

Sample Point: DEE

Sampled By: Adam Boyle

Date Sampled: 7/23/2019

Date Received: 7/23/2019

Date Reported: 8/22/2019

Analyte	Units	Result	Canadian Drinking Water Guideline Maximum
Calcium	mg/L	51.8	No Guideline
Iron	mg/L	<0.03	AO: 0.3
Magnesium	mg/L	12.6	No Guideline
Manganese	mg/L	<0.01	AO: 0.02, MAC: 0.12
Potassium	mg/L	0.7	No Guideline
Sodium	mg/L	6	AO: 200
Bicarbonates	mg/L	154	No Guideline
Bromides	mg/L	<0.01	No Guideline
Carbonates	mg/L	0	No Guideline
Chlorides	mg/L	15.6	AO: 250
Fluorides	mg/L	0.16	MAC: 1.5
Nitrates as N	mg/L	0.14	MAC: 10
Nitrites as N	mg/L	<0.002	MAC: 1
NO ₃ + NO ₂ as N	mg/L	0.14	No Guideline
Sulfates	mg/L	46	AO: 500

Parameter	Units	Result	Canadian Drinking Water Guideline Maximum
Electrical Conductivity	µS/cm	381	No Guideline
pH	pH	7.71	AO: 7.0 - 10.5
Hardness (as CaCO ₃)	mg/L	181	No Guideline
Total Alkalinity (as CaCO ₃)	mg/L	126	No Guideline
P-Alkalinity (as CaCO ₃)	mg/L	0	No Guideline
Hydroxide (as CaCO ₃)	mg/L	0	No Guideline
Total Dissolved Solids (calculated)	mg/L	209	AO: 500
Sulfides as S	mg/L	<0.03	AO: 0.05
Color	TCU	<5	AO: 15
Ammonia Nitrogen	mg/L	<0.9	No Guideline
Total Organic Carbon	mg/L	2.2	No Guideline
Bromate	mg/L	<0.0095	MAC: 0.01
Chloramines	mg/L	<0.1	MAC: 3
Chlorate	mg/L	0.37	MAC: 1
Chlorite	mg/L	<0.10	MAC: 1

Sum of Cations	3.90	TDS / EC Ratio	0.55
Sum of Anions	3.94	Sodium Adsorption Ratio	0.19
Ion Balance	0.99	Saturation Index	0.13



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Trace Metals	Units	Result	Canadian Drinking Water Guideline Maximum
Boron	µg/L	10.2	MAC: 5000
Aluminum	µg/L	30.8	OG: 100
Chromium	µg/L	0.3	MAC: 50
Copper	µg/L	3.3	AO: 1000, MAC: 2000
Zinc	µg/L	8.1	AO: 5000
Arsenic	µg/L	<0.04	MAC: 10
Selenium	µg/L	0.5	MAC: 50
Silver	µg/L	<0.04	No Guideline
Cadmium	µg/L	<0.05	MAC: 5
Antimony	µg/L	<0.3	MAC: 6
Barium	µg/L	54.6	MAC: 1000
Mercury	µg/L	<0.05	MAC: 1
Lead	µg/L	<0.1	MAC: 5
Uranium	µg/L	0.2	MAC: 20

WSH Labs (1992) Ltd. as per: _____

< denotes less than detection limit. TNTC = Too Numerous To Count (>80 colonies). MAC = Maximum Acceptable Concentration. AO = Aesthetic Objective.

OG = Operational Guidance Value. Guidelines for Canadian Drinking Water Quality are provided courtesy of Health Canada, June 2019.

Accredited by CALA to ISO/IEC 17025 for specific tests. The results above are related only to the items analyzed.

Control No: WSH-BKW-022818-Rev1.0