

City Of Parksville
1116 Herring Gull Way
Parksville, BC

30May23 9:58a
FWS
filter(s)
2

W174572

TEL: 250 248-5412
bsilenieks@parksville.ca

Arrival temp.: 11.8C
Sampler: B. Silenieks

PARASITE ANALYSIS

<u>Sample</u>	<u>Cysts/100L</u>	<u>Organisms Identified</u>	<u>Comments</u>
1 High-lift Finished 29May23 09:15a	ND ND	Giardia (cysts) Cryptosporidium (oocysts)	-protozoan; enteric parasite -protozoan; enteric parasite
2 RAW Water Pump Stn 29May23 11:05a	ND 0.11	Giardia (cysts) Cryptosporidium (oocysts)	-protozoan; enteric parasite -protozoan; enteric parasite

Detection Limit = 1 per 100L *

Lab Test Recovery = 94.6%

* test is strongly influenced by volume collected, amount & type of sediment present

ND = none detected

ref: Direct Antibody -Hydrofluor Meridian

Monitoring for Giardia & Cryptosporidium, JL Clancy, WD Gollnitz & Z Tabib, 1994

Prop. ICR Protozoan Methods for Detection of Giardia Cysts and Cryptosporidium Oocysts
in Water by Fluorescent Antibody Procedures 1993

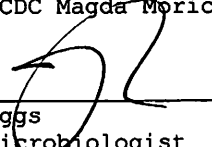
US EPA Consensus Method for Determining Groundwaters Under the Direct
Influence of Surface Water Using Microscopic Particulate Analysis (MPA),
Vasconcelos, J., S. Harris., 1992

Manual of Clinical Microbiology, EH Lennette et al. Am. Soc for Microbiology
Clinical Diagnosis by Laboratory Methods, Davidson & Henry

Veterinary Clinical Parasitology, MW Sloss, RL Kemp. Iowa State Univ. Press 5th ed.

Parasitology for Veterinarians, JR Georgi & ME Georgi. WB Saunders & Co, 1990

Personal Communications re methodologies & taxonomy: US EPA -S. Harris,
US EPA (Cinc) F. Schaefer
US EPA (retired) J.Vasconcelos
BC CDC Magda Moricz (1995)


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