

Parksville, City of  
\*A  
1116 Herring Gull Way  
Parksville, BC  
V9P 1R2

18Mar25 9:08a  
FWS

W186049

filter(s)  
2

TEL: 250-248-5412  
bsilenieks@parksville.ca

Arrival temp.: 8.0C  
Sampler: Barb Silenieks

#### PARASITE ANALYSIS

| <u>Sample</u>        | <u>Cysts/100L</u> | <u>Organisms Identified</u> | <u>Comments</u>              |
|----------------------|-------------------|-----------------------------|------------------------------|
| 1 WTP Highlft RM     | ND                | Giardia (cysts)             | -protozoan; enteric parasite |
| 17Mar25 09:50 1500L  | ND                | Cryptosporidium (oocysts)   | -protozoan; enteric parasite |
| 2 RAW Water Pump Stn | ND                | Giardia (cysts)             | -protozoan; enteric parasite |
| 17Mar25 12:50 180L   | ND                | Cryptosporidium (oocysts)   | -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.

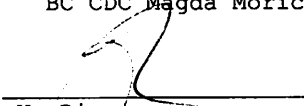
Parasitology for Veterinarians, JR Georgi & ME Georgi. WB Saunders & Co, 1990

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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Sr Microbiologist

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