

Memo

To: Mayor Eslick
Sultan City Council Members

From: Connie Dunn - Public Works 

CC: Mike Williams, Water System Manager
Bill Ferry, Water Treatment Plant Operator

Date: 6/5/2008

Re: Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR)
Grandfathered Source Water Data – SO1 Lake Sixteen

A letter, Attachment A, from the Department of Health (DOH) recognizing work the Sultan Water Department Staff accomplished between August, 2005 and September, 2007, with no substitute samples. This means the staff completed 26 samples of raw water without error and reported results to Department of Health in a timely manner.

According to the State DOH letter, the sample results on our raw water averages 10 organisms per 100 milliliters (mL) and therefore Sultan is not required at this time to provide additional treatment for *Cryptosporidium* than the current treatment at the water treatment plant. A second round of source water monitoring is required as part of the LT2ESWTR. The sampling plan for round 2 is due July 1, 2017 and sampling must start by October 1, 2017.

Cryptosporidium is protozoan that is an intestinal parasite of humans and other vertebrates; can cause diarrhea and other symptoms in cases of low immunity.
Attachment B

RECEIVED
MAY 28 2008



STATE OF WASHINGTON

DEPARTMENT OF HEALTH

20435 72nd Ave. S., Suite 200, K17-12 • Kent, Washington 98032 -2358

May 23, 2008

MICHAEL WILLIAMS
SULTAN WATER DEPARTMENT
PO BOX 1199
SULTAN WA 98294

Subject: Sultan water Department (ID# 84770)
Snohomish County
Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR)
Grandfathered Source Water Data-S01 Lake Sixteen

Mike
Dear Mr. Williams:

We have reviewed your LT2 monitoring preference form and system schematic that were received in this office on March 12, 2008. The sample location meets the requirements of CFR 141.703.

We have reviewed the monitoring data from your source, which is characterized as a lake/reservoir. These data include the results of 26 fecal coliform samples that were collected between August, 2005 and September, 2007, with no substitute samples. It is understood that you wish to use this data in lieu of collecting the source monitoring data required to comply with the LT2ESWTR. These data have been reviewed against the requirements of CFR 141.707 and are hereby APPROVED for the purposes of grandfathering.

Based on these data, your sample results average 10 organisms/100 mL. This means that your initial bin classification is Bin 1 and you are not required to provide additional treatment for *Cryptosporidium*.

A second round of source water monitoring is required as part of the LT2ESWTR. The sampling plan for round 2 is due July 1, 2017 and sampling must start by October 1, 2017. Your bin classification may change based on the results of the second round of monitoring.

For more information regarding the rule, visit the LT2ESWTR website at www.epa.gov/safewater/disinfection/lt2. If you have any questions regarding this letter, please contact me at (253) 395-6765.

Sincerely,

Nancy Feagin

Nancy Feagin, P.E.
Regional Engineer
NW Drinking Water Operations

cc: Snohomish Health District
Jolyn Leslie, DOH

ATTACHMENT A

cryptosporidium

Definitions from Wiktionary, a free dictionary

See also Cryptosporidium

English

Noun

cryptosporidium (*plural cryptosporidia*)

1. A protozoan, of the genus *Cryptosporidium*, that is an intestinal parasite of humans and other vertebrates; can cause diarrhea and other symptoms in cases of low immunity.

Retrieved from "<http://en.wiktionary.org/wiki/cryptosporidium>"

Category: English nouns

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