



# FLETCHER CREEK IMPROVEMENT DISTRICT

RR2, Site 3, Comp 38  
Kaslo, BC V0G 1M0

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## Maintenance Report

Mar 18, 2019

Submitted by: Lance McLaren

### Report:

1. **Water Testing:**

Test results for Mar have been circulated via email to the board and published on the website.

2. **Scarlett's Water Access Agreement:**

Met with Don Scarlett last week to inform him that FCID is seeking to enter into a legal agreement regarding water access, very similar to the letter he sent us years ago and that FCID would like to see this agreement placed on the title, so it would continue even if he sold the property. He said he would need some time to think about it first.

3. **Fortis Estimate:**

On Feb 28, I called Fortis' 1-800 number to request a site visit and information on what exactly would be required to get an estimate for our two separate locations. I was told it they would get back to me within 2 weeks.

On Mar 14<sup>th</sup> (2 weeks later), I still have not received a response, so I phoned again and again was told someone would respond soon.

We do not have an email address for Fortis, I'm hoping that I'll hear something in the next day or so.

4. **Source & Mainline Study:**

Met with representatives of another local Improvement District to discuss our experience with POE systems, as their recent Pre-Feasibility Study (which was conducted by PennCo Engineering) indicated that that might be an option for them. During the conversation they shared that their study indicated a rather steep replacement cost for their mainline pipe.

After that meeting, I met with PennCo Engineering to confirm the price, and also spoke with Luke at 9dot Engineering, who confirmed that a rough estimate to replace our mainline with 6 inch would cost about \$600-700 per meter. At roughly 4,500 meters of mainline, the estimated cost would be over 2,000,000 dollars for FCID.

Our mainline is over 35 years old and is constructed with sub-standard materials (sewer pipe, which is a thinner wall and not designed for pressurized water delivery). Even if the mainline is not an immediate project at the estimated cost of \$600/meter we should have an immediate evaluation study done to determine both the current condition and the estimated timeline for replacement so funds can be reserved for the replacement.

There is little point in building a disinfection plant if the mainline is not up to standard as well.

**Board Action Required:**

Motion 1: To approve a study of both our source volumes and the current condition of our main-line, including estimates for both timeline and costs associated with replacement of the mainline.

Motion 2: To request quotes by April 15, for the study from 9dot Engineering and at least one other Kootenay based engineering firm for the study.