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## **Big Eddy Water Service**

- ✓ Built in 1956
- ✓ Improvements made in 1980
- ✓ Cost approximately **4 million** in **1959**
- ✓ Chlorination being done now is **sufficient.**

### **Water mains are up to 60 years old**

- ✓ 30% are 40 - 60 years old
- ✓ 5% are 30 - 40 years old
- ✓ 45% are 15 - 30 years old
- ✓ 20% are 15 years old

### **Significant portion are nearing the end of its life.**

\$2 million: Reservoir

\$2.94 million: Upgrade water mains

\$1 million to projects like:

Third well

Upgrade existing wells

Upgrade pumps, etc.

**\$5.69 million for upgrade - non inflated.**

**\$3,785,354 supplied by Federal &**

**Provincial Government if water service**

**given to City of Revelstoke.**

**Big Eddy Residence will pay the total \$5.69 million alone if we keep our system.**

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**Contact Don Hall at**

**250.837.1778**

**if you have more questions**

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# **Big Eddy** **Water Service**

**Information pertaining to the Big Eddy  
Water Works petition to the City of  
Revelstoke**

## Walkerton, Ontario - May 2000

- ✓ Several people died as a result of water contamination by e-coli
- ✓ Ontario introduced new water laws in **2010** regarding water efficiency standards and water infrastructure (water TAP program)
- ✓ BC brought into effect the Drinking Water Protection Act May 16<sup>th</sup> 2003
- ✓ BC Drinking Water Protection Regulator was amended in BC, March 20<sup>th</sup> 2013
- ✓ After the amendment, Rob Fleming became our Interior Health Representation/Enforcement Officer.
- ✓ What the Act basically did was change us from a **small water system** to a **medium/large system** by changing from how many hook ups we service to how many people we service

## Because of this change, we immediately became Non-Compliant in Several Regards:

1. **Chlorination**. Not staying in reservoir long enough; not enough contact because of way system was made.
2. **Well's age were suspect**. Rob Fleming had just come from a town very similar to ours where a well had failed. It cost the system **over \$100,000 to drill another**. Hence the contingency fund he wants put aside. The indomitable Ms. Throap stated, **we have \$55,000 put in contingency**.
3. **Aging Infrastructure** in a few places, although on a Par for Par comparison, our in ground infrastructure is as good as better than the City of Revelstoke
4. **Well contamination possibility by ground water**. The reason for last year's barrage of tests.
5. Small water operator was Sam LeRose. Medium/large water operator - **No One**. They want a **permanent water operator put in place - costs money**. **Approximately \$80,000 per year per operator. They want 2.**

- ✓ Since meeting with the City of Revelstoke and Rob Fleming, we have experienced **2 Fires in the Big Eddy**. One at a **commercial building (Chabot)** and one at a **residence (1800 block Illnisky Rd.)**
- ✓ After talking to **Fire Chief Rob Girard**, we were informed that **pressure and flows were INADEQUATE for commercial and a Tender carrying water was employed to bring water over from the city side to maintain sufficient flows.**

**Tests show the average flow to be 66 Litres per second.**

**Required to be 150 litres per second. Commercial Fire Protection, Province of B.C. and Revelstoke.**