

# B & W Pump Co.

360-331-4016

P. O. Box 55

360-331-2374 FAX.

Freeland, WA. 98249

[bwpump2@whidbey.com](mailto:bwpump2@whidbey.com)

HLCC

Possible reasons for Unsatisfactory water samples.

- 1) Dept. of Health refers to it as a pressure-loss event.

If the power goes out and the back-up generator does not start then the system will experience a pressure-loss event and because of the elevation difference in the system a back-siphon can occur allow contaminants in thru any point of leakage.

The Back-up generator will not start right now. It is a 20 KW propane powered.

Pacific Power Generation Co. has worked on the Generator in the past. A call (253-395-9077) has been made to them to schedule a date for servicing the Generator. They have not called back to schedule a date as of 4-10-15.

The generator system is about 18 years old.

Serviced on 11-28-11 for \$2,100.00.

Serviced on 1-21-13 for \$2,600.00

- 2) The Octagon Concrete Reservoir (12' tall) is about 30 years old. After cleaning the moss off the reservoir roof, there were stress cracks noticed in the concrete. After talking with a concrete contractor it was advised to seal all the stress cracks. The cracks were clean and prep and sealed on 4-9-15. Needed to be dry and warm (above 50 degrees) to apply sealant.

It was recommend to replace existing 8" screened roof vent.

Recommend to clean reservoir since roof has stress cracks, for possible allowing contaminants thru and to check the size of the cracks and if any other stress cracks are starting, that may be a problem later.

- 3) Both Concrete Reservoir were recommend to be cleaned. (Drained and pressure washed and disinfected and flushed and refilled). The 12' Tall Octagon 50,000 gallon reservoir would cost about \$800.00. The 20' Tall Round 100,000 gallon reservoir would cost about \$1,200.00.

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- 4) Leaks in Water main line. Possible leak at 1164 Honeymoon Lake Road. I have called the Utility Locate Co. to come out and locate Power , Telephone and Cable lines. Could be 4" PVC mainline or 1" PVC road crossing line that is leaking??
- 5) Flushed fire hydrant at Lot 21 Div. 2 the highest flushing point. No air came out of hydrant when flushing. But when valve (normally closed) was opened just above of Garden Grove Lane then a lot of air came out of that flushing hydrant. How did air get into water main? Possible area of concern for problem of pressure-loss and back-siphon.







