

DAVID M. MILNER
dba
CERTIFIED SEPTIC INSPECTION
112 BEAVER POINT ROAD
SALT SPRING ISLAND, B.C.
V8K 1Y9
OFFICE 250-653-4636
CELL # 250-538-7477

JULY 27, 2014
OUR FILE #SSIHEADSTREET173

[REDACTED]

**RE: Performance Inspection of the Onsite Sewerage System at
173 Head Street, Salt Spring Island, BC.**

Dear [REDACTED]

I attended on July 27, 2014 to carry out an inspection of the onsite sewerage system serving this home noted above.

A performance inspection was carried out to determine the size, condition and the overall performance of the system.

During the **performance inspection** the following items were noted:

TANK LOCATION

- Location of the Septic Tank and Pump Chamber are approximately 12 feet from the home.
- Septic tank Inlet, Outlet and Pump Chamber Lids are 10 inches below ground level under wooden covers.

OPERATING SYSTEM

- Septic Tank is a 600 gallon 2 compartment Dans precast tank.
- The 600 gallon tank was of proper size for the daily flow rates from this residence when it was installed.
- Lids were removed to inspect tank's interior.
- Top scum layer is 4 inches. Liquid in the tank is 38 inches and there are 3 inches of solids at the bottom of the tank. The septic tank will need to be pumped out in approximately 2 years.
- The outlet "T" contains an effluent filter that needs to be cleaned at least once a year. This filter helps to stop solids from entering the pump chamber and eventually plugging the 1.25 inch distribution lines.
- The Pump Chamber lid was removed. The pump chamber is in good condition and the effluent pump is working.
- Effluent is pumped up a PVC pipe to the Absorption Field, located in a grassy area beside the path to the home.
- One of the four Pressure Distribution Lines was exposed and inspected. Minor roots were found in the drain rock and around the 1.25 inch PVC line.
- The septic field is in good condition.

RECOMMENDATIONS

- The Septic Tank will need to be pumped out in approximately 2 years then every 3-5 years or as needed.
- The effluent filter needs to be cleaned at least once a year. ✓
- The home owner indicated that the effluent pump is 20 years old and should be replaced before it causes a problem. I agree.
- A high water alarm should be installed in the main Pump Chamber to warn of a pump malfunction.

- COMPLETED
SEPT 21, 2016
CALL OUT ✓
- COMPLETED
AUG 2014.

Please see attached photographs in regards to the system.

DISCLAIMER

This report represents my professional opinion as a certified residential septic inspector.

This inspection report is furnished as an aid in determining the physical condition of the inspected septic system.

This inspection report does not guarantee or warranty future performance.

The inspection report excludes and does not intend to cover components that are inaccessible (by reasonable hand digging) or are otherwise not observable.

I certify that this report is current and accurate as of the date of inspection.

Thank you for the opportunity to help you with this matter. If at any time you have a question, please don't hesitate to call me.

David M. Milner
Onsite Wastewater Practitioner
Private Inspector of Residential Systems
ASTTBC Member Number OW0495



