

This survey was initiated by the North Salt Spring Waterworks District to determine the state of the onsite sewage disposal systems around St. Mary Lake. The survey consisted of a file search to determine the number of properties with existing approved sewage disposal permits, an onsite assessment to visually identify any system malfunctions and the location of the sewage disposal system in reference to the setback from the lakeshore. In addition, the water source of the lakeshore residents was noted to determine if they were serviced by a community system or as a private water user via lake or groundwater.

A total of 65 properties were involved in the onsite assessment with 3 being undeveloped and 3 were unable to be confirmed leaving a total of 59 developed properties involved in the survey. Of the 59 properties a file search indicated 51 (86%) had approved sewage disposal permits. All of the developed properties with the exception of 1 met the minimum required sewage disposal regulation setback of 100 feet and no properties were visibly malfunctioning at the time of the survey.

The average age of the permitted sewage disposal systems is approximately 20 years and the average setback from the lake is approximately 260 feet, of the 63 properties 34 (54%) are being serviced by a community water systems.

The following table indicates the number of properties in relation to setback distance from the Lake:

100 - 199 Feet	15
200 - 299 Feet	27
300 - 399 Feet	7
400 + Feet	10
Total:	59

A total of 3 ditch samples were collected in areas of potential contamination with results of 8, 12 and 4 fecal coliforms.

In conclusion, the survey determined no visible sewage system malfunctions, all systems with the exception of one meeting minimum or greater regulatory requirements.

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ST. MARYS LAKE
SANITARY SURVEY

