



STATE OF WASHINGTON
DEPARTMENT OF HEALTH

OFFICE OF SHELLFISH AND WATER PROTECTION

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November 8, 2007

RECEIVED
11/14/07

David Jensen, P.E.
D.R. Strong
10604 N.E. 38th Place, Suite 101
Kirkland, WA 98033

**Pre-Site (Soils) Inspection – Point Roberts – Stanton Homes
Proposed Large On-Site System – Whatcom County**

Dear Mr. Jensen:

On August 24, 2007 Mrs. Nancy Darling met you at the proposed drainfield site for the project referenced above. The primary purpose of the visit was to evaluate the suitability of the soils for a drainfield at the proposed location. DR Strong had a backhoe on site and dug twelve (12) soil pits at our requested locations. A copy of the soil log prepared by Mrs. Darling is attached.

Based on the soils information provided by the field evaluation and the soils data provided by DR Strong, the following are our findings:

1. The soils on the north end of the potential drainfield area are suitable Type 3 soils. Use a maximum allowable rate of 0.80 gallons per day per square foot. (See attached map).
2. The soils in the middle and south ends of the potential drainfield site are Type 6 soils and are unsuitable for a LOSS drainfield.
3. A nitrate balance is required for this site due to the coarse textured soils and groundwater depths.

The design must be submitted to this office for review and approval prior to construction. If you have any questions, please feel free to call.

Sincerely,

Mamdouh H. El-Aarag, P.E.
Environmental Engineer
Large On-Site Systems

cc: Whatcom County Health Department

