

**STILLWATER COUNTY
ENVIRONMENTAL HEALTH
PO Box 1276 / 431 Quarry Rd
Columbus, Montana 59019
(406) 322-8055**

MEMORANDUM

TO: Property Owners, Realtors, Consultants, Surveyors, Developers, and Contractors

FROM: Stillwater County Sanitarian

SUBJECT: Information Required for Issuance of On-site Wastewater Treatment System Approval - Title 50 (20 acres or greater, unplatted or platted prior to Sanitation in Subdivision Act)

In accordance with Montana Department of Environmental Quality Circular 4:

Section 2.1.2. - System Evaluation - A qualified site evaluator shall conduct a site evaluation in the location of each proposed system.

Section 1.2.68. – Qualified Site Evaluator - Qualified site evaluator means a soils scientist, professional engineer, registered sanitarian, hydrogeologist, or geologist who has experience and knowledge of soil morphology.

The following data, but not limited to, is required for the review of on-site wastewater treatment systems for obtaining an authorization to install a septic system in Stillwater County.

1. Complete legal description – include copy of plat or COS.
2. Percolation test results (optional) – system will be sized based on the most conservative data when compared to soil test pit.
3. Soils Test Pit (8 ft. depth minimum) – a qualified site evaluator must provide description of the following:
 - a) Depth to seasonal groundwater (may require monitoring if applicable)
 - b) Depth to bedrock (if applicable)
 - c) Soil types (in accordance with DEQ Circular 4 Appendix B)
4. Demonstrate compliance with non-degradation requirements (75-5-301 MCA) – a qualified site evaluator must submit the following data:
 - a) Nitrate sensitivity analysis
 - b) Phosphorous break-out determination
5. Lot Layout Plan and Data: a qualified site evaluator must provide the following details:
 - a) Water source (type and location), nitrate and conductivity
 - b) Drainfield Location (Primary Drainfield and 100% Replacement Drainfield Area)
 - c) Dwelling location
 - d) Percolation test location (if applicable)
 - e) Soil pit location
 - f) Percent of slope in area of drainfield
 - g) Location of any streams, ditches, and any neighboring wells
6. Review Fee Calculation Checklist and appropriate fees with check payable to Stillwater County.