

**CARBON COUNTY  
SANITARIAN OFFICE  
17 W 11<sup>th</sup> St./P.O. Box 466  
Red Lodge, Montana 59068  
(406) 446-1694**

**MEMORANDUM**

**TO: Consultants, Surveyors, Developers, Owners, and Contractors**

**FROM: Carbon County Sanitarian**

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

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 Carbon 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) – applicant to provide description of 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) – applicant must submit the following data:
  - a) Nitrate sensitivity analysis
  - b) Phosphorous break-out determination
6. Lot Layout Plan: Paper sizes accepted: 8½ X 11 – 11 X 17 – applicant to provide the following details:
  - a) Water source (type and location)
  - 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
7. Review Fee Calculation Checklist and appropriate fees with check payable to Carbon County.