

1.9 Managed Operation, Maintenance, and Monitoring

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OMM may be required for any system specified by the Director. The Director may specify OMM as a condition of a product's design approval (IDAPA 58.01.03.009.03) or as a condition of issuing a subsurface sewage disposal permit (IDAPA 58.01.03.005.14) to ensure protection of public health and the environment. This section lists the Director-specified OMM requirements. Managed OMM is performed by a certified service provider (section 1.6).

1.9.1 Managed Operation and Maintenance

Operation and maintenance refers to direct access to a subsurface sewage disposal system to provide planned or reactive activities that are necessary to ensure efficiency, effectiveness, and sustainability of the system. Managed operation and maintenance is required for systems the Director has determined need professional oversight to ensure the systems operate according to the rules (IDAPA 58.01.03) and system-specific recommendations provided by the TGC (IDAPA 58.01.03.004.10). When managed operation and maintenance is specified for a system, the following requirements shall be met (IDAPA 58.01.03.005.14 and 58.01.03.009.03):

1. Maintenance shall be performed on the system as described in the manufacturer's or design engineer's O&M manual submitted under section 1.4, or the specific alternative system's guidance section.
 - a. Manufactured systems that are incorporated into an engineered design shall also follow the minimum O&M requirements set by the design engineer.
 - b. Additional maintenance not specified in an O&M manual may be required to ensure the system functions properly.
2. Records for each O&M visit shall be submitted through OnlineRME (www.OnlineRME.com). Obtain a copy of the subsurface sewage disposal permit to select the appropriate system components for inspection to create the annual report form within OnlineRME. System components for a typical gravity system will have at least one septic tank and one drainfield; a pressure system will usually have a septic tank, pump tank, pump, panel, and drainfield. Select "Routine Inspection" type in OnlineRME to report an inspection of all the system components performed. A typical report will contain the following information for the Routine Inspection visit:
 - a. Date and time.
 - b. Observation for objectionable odors.
 - c. Observation for surfacing of effluent from the system or drainfield.
 - d. Notation as to whether the system was pumped since the last O&M visit including the portions of the system pumped, pumping date, and volume.
 - e. Sludge depth and scum layer thickness in the system's tanks and/or treatment unit.
 - f. If responding to an alarm event, provide the cause of the alarm and any maintenance necessary to address the alarm situation.
 - g. Field testing results for any system effluent quality indicators included in the system's approved sampling plan (if required) or as recommended in section 1.9.2(2).
 - h. Record of any cleaning and lubrication.