

## CHAPTER 8. RULES, CODES, AND POLICY

### 8.1 Individual/Subsurface Sewage Disposal Rules (IDAPA 58.01.03)

Below is a copy of the current Individual/Subsurface Sewage Disposal Rules. To access the official rule retained at the Idaho Department of Administration Web site, go to <http://adm.idaho.gov/adminrules/rules/idapa58/0103.pdf>.

**IDAPA 58  
Title 01  
Chapter 03**

**Individual/Subsurface Sewage  
Disposal Rules**

#### 001. LEGAL AUTHORITY.

Title 39, Chapter 1 and Title 39, Chapter 36, Idaho Code, grants authority to the Board of Environmental Quality to adopt rules and standards to protect the environment and the health of the State, for the installation of cottage site sewage treatment facilities and for the issuance of pollution source permits. Title 39, Chapter 1, Idaho Code, grants to the Director the authority to issue pollution source permits; charges the Director to enforce all laws, rules, regulations, and standards relating to environmental protection and health, and those relating to the storage, handling and transportation of solids, liquids and gases which may cause or contribute to water pollution, and authorizes the Department of Environmental Quality to review for approval the plans and specifications for all proposed waste treatment facilities prior to their construction. (5-7-93)

#### 002. TITLE, SCOPE, CONFLICT AND RESPONSIBILITIES.

**01. Title.** These rules shall be known as Idaho Department of Environmental Quality Rules, IDAPA 58.01.03, "Individual/Subsurface Sewage Disposal Rules." (5-7-93)

**02. Scope.** The provisions of these rules establish limitations on the construction and use of individual and subsurface sewage disposal systems and establish the requirements for obtaining an installation permit and an installer's registration permit. These rules apply to every individual and every subsurface blackwaste and wastewater treatment system in Idaho. (5-7-93)

**03. Conflict of Rules, Standards, and Ordinances.** In any case where a provision of these rules is found to be in conflict with a provision of any state or local zoning, building, fire, safety, or health regulation, standard or ordinance, the provision which, in the judgment of the Director, establishes the higher standard for the promotion and protection of the health and safety of the people, shall prevail. (5-7-93)

## 04. Responsibilities. (7-1-93)

- a. Every owner of real property is jointly and individually responsible for: (10-1-90)
  - i. Storing, treating, and disposing of blackwaste and wastewater generated on that property. (10-1-90)
  - ii. Connecting all plumbing fixtures on that property that discharge wastewaters to an approved wastewater system or facility. (10-1-90)
  - iii. Obtaining necessary permits and approvals for installation of individual or subsurface blackwaste and wastewater disposal systems. (10-1-90)
  - iv. Abandonment of an individual or subsurface sewage disposal system. (10-1-90)
- b. Each engineer, building contractor, individual or subsurface system installer, excavator, plumber, supplier, and every other person, who for compensation shall design, construct, abandon, or provide any system or part thereof, is jointly and individually responsible for compliance with each of these rules that are relevant to that service or product. (5-7-93)

## 003. DEFINITIONS.

For the purposes of these rules, the following definitions apply. (5-7-93)

- 01. Abandoned System.** A system which has ceased to receive blackwaste or wastewater due to diversion of those wastes to another treatment system or due to termination of waste flow. (10-1-90)
- 02. Alternative System.** Any system for which the Department has issued design guidelines or which the Director judges to be a simple modification of a standard system. (10-1-90)
- 03.. Authorized or Approved.** The state of being sanctioned or acceptable to the Director as stated in a written document. (10-1-90)
- 04. Blackwaste.** Human body waste, specifically excreta or urine. This includes toilet paper and other products used in the practice of personal hygiene. (10-1-90)
- 05. Blackwater.** A wastewater whose principal pollutant is blackwaste; a combination of blackwaste and water. (10-1-90)
- 06. Board.** Idaho State Board Of Environmental Quality. (10-1-90)
- 07. Building Sewer.** The extension of the building drain beginning five (5) feet outside the inner face of the building wall. (10-1-90)
- 08. Central System.** Any system which receives blackwaste or wastewater in volumes exceeding twenty-five hundred (2,500) gallons per day; any system which receives blackwaste or wastewater from more than two (2) dwelling units or more than two (2) buildings under separate ownership. (10-1-90)

- 09. Construct.** To make, form, excavate, alter, expand, repair, or install a system, and, their derivations. (5-7-93)
- 10. Director.** The Director of the Idaho Department of Environmental Quality or the Director's designee or authorized agent. (10-1-90)
- 11. Existing System.** Any system which was installed prior to the effective date of these rules. (5-7-93)
- 12. Expand.** To enlarge any nonfailing system. (10-1-90)
- 13. Failing System.** Any system which exhibits one (1) or more of the following characteristics: (10-1-90)
- The system does not meet the intent of these rules as stated in Subsection 004.01. (5-7-93)
  - The system fails to accept blackwaste and wastewater. (10-1-90)
  - The system discharges blackwaste or wastewater into the waters of the State or onto the ground surface. (10-1-90)
- 14. Ground Water.** Any water of the state which occurs beneath the surface of the earth in a saturated geological formation of rock or soil. (5-7-93)
- 15. High Groundwater Level -- Normal, Seasonal.** High ground water level may be established by the presence of low chroma mottles, actual ground water monitoring or historic records. (5-7-93)
- The normal high groundwater level is the highest elevation of ground water that is maintained or exceeded for a continuous period of six (6) weeks a year. (5-7-93)
  - The seasonal high groundwater level is the highest elevation of ground water that is maintained or exceeded for a continuous period of one (1) week a year. (5-7-93)
- 16. High Water Mark.** The line which the water impresses on the soil by covering it for sufficient periods of time to prevent the growth of terrestrial vegetation. (10-1-90)
- 17. Individual System.** Any standard, alternative or subsurface system which is not a central system.
- 18. Install.** To excavate or to put in place a system or a component of a system. (10-1-90)
- 19. Installer.** Any person, corporation, or firm engaged in the business of excavation for, or the construction of individual or subsurface sewage disposal systems in the State. (10-1-90)
- 20. Large Soil Absorption System.** A large soil absorption system is a subsurface sewage disposal system designed to receive two thousand five hundred (2,500) gallons of wastewater or more per day, including where the total wastewater flow from the entire proposed project exceeds two thousand five hundred (2,500) gallons per day but the flow is separated into absorption modules which receive less than two thousand five hundred (2,500) gallons per day. (5-7-93)

- 21. Limiting Layer.** A characteristic subsurface layer or material which will severely limit the capability of the soil to treat or absorb wastewater including, but not limited to, water tables, fractured bedrock, fissured bedrock, excessively permeable material and relatively impermeable material. (10-1-90)
- 22. Mottling.** Irregular areas of different color in the soil that vary in contrast, density, number and size. Mottling generally indicates poor aeration and impeded drainage. (5-7-93)
- 23. New System.** A system which is or might be authorized or approved on or after the effective date of these rules. (5-7-93)
- 24. Nondischarging System.** Any system which is designed and constructed to prevent the discharge of blackwaste or wastewater. (10-1-90)
- 25. Permit.** An individual or subsurface system installation permit or installer's registration permit. (10-1-90)
- 26. Pollutants.** Any chemical, biological, or physical substance whether it be solid, liquid, gas, or a quality thereof, which if released into the environment can, by itself or in combination with other substances, create a public nuisance or render that environment harmful, detrimental, or injurious to public health, safety or welfare or to domestic, commercial, industrial, agricultural, recreational, aesthetic, or other beneficial uses. (10-1-90)
- 27. Public System.** Any system owned by a county, city, special service district, or other governmental entity or Indian tribe having the authority to dispose of blackwaste or wastewater; a municipal wastewater treatment facility. (10-1-90)
- 28. Repair.** To remake, reform, replace, or enlarge a failing system or any component thereof as is necessary to restore proper operation. (10-1-90)
- 29. Scarp.** The side of a hill, canyon, ditch, river bank, roadcut or other geological feature characterized by a slope of forty-five (45) degrees or more from the horizontal. (10-1-90)
- 30. Sewage.** Sewage has the same meaning as wastewater. (10-1-90)
- 31. Soil Texture.** The relative proportion of sand, silt, and clay particles in a mass of soil. (10-1-90)
- 32. Standard System.** Any system recognized by the Board through the adoption of design and construction regulations. (10-1-90)
- 33. Subsurface System.** Any system with a point of discharge beneath the earth's surface. (10-1-90)
- 34. Surface Water - Intermittent, Permanent, Temporary.** (7-1-93)
- a. Any waters of the State which flow or are contained in natural or man-made depressions in the earth's surface. This includes, but is not limited to, lakes, streams, canals, and ditches. (10-1-90)

- b. An intermittent surface water exists continuously for a period of more than two (2) months but not more than six (6) months a year. (10-1-90)
  - c. A permanent surface water exists continuously for a period of more than six (6) months a year. (10-1-90)
  - d. A temporary surface water exists continuously for a period of less than two (2) months a year. (10-1-90)
- 35. System.** Beginning at the point of entry physically connected piping, treatment devices, receptacles, structures, or areas of land designed, used or dedicated to convey, store, stabilize, neutralize, treat, or dispose of blackwaste or wastewater. (10-1-90)
- 36. Wastewater.** Any combination of liquid or water and pollutants from activities and processes occurring in dwellings, commercial buildings, industrial plants, institutions and other establishments, together with any groundwater, surface water, and storm water that may be present; liquid or water that is chemically, biologically, physically or rationally identifiable as containing blackwater, grey water or commercial or industrial pollutants; and sewage. (10-1-90)
- 37. Waters of the State.** All the accumulations of water, surface and underground, natural and artificial, public and private or parts thereof which are wholly or partially within, which flow through or border upon the state of Idaho. (10-1-90)
- 38. Water Table.** The surface of an aquifer. (10-1-90)

#### 004. GENERAL REQUIREMENTS.

- 01. Intent of Rules.** The Board, in order to protect the health, safety, and environment of the people of the state of Idaho establishes these rules governing the design, construction, siting and abandonment of individual and subsurface sewage disposal systems. These rules are intended to insure that blackwastes and wastewater generated in the state of Idaho are safely contained and treated and that blackwaste and wastewater contained in or discharged from each system: (5-7-93)
- a. Are not accessible to insects, rodents, or other wild or domestic animals; (10-1-90)
  - b. Are not accessible to individuals; (10-1-90)
  - c. Do not give rise to a public nuisance due to odor or unsightly appearance; (10-1-90)
  - d. Do not injure or interfere with existing or potential beneficial uses of the waters of the State. (10-1-90)
- 02. Compliance with Intent Required.** The Director shall not authorize or approve any system if, in the opinion of the Director, the system will not be (is not) in compliance with the intent of these rules. (5-7-93)
- 03. System Limitations.** Cooling water, backwash or backflush water, hot tub or spa water, air conditioning water, water softener brine, groundwater, oil, or roof drainage cannot be discharged into any system unless that discharge is approved by the Director. (10-1-90)

- 04. Increased Flows.** Unless authorized by the Director, no person shall provide for or connect additional blackwaste or wastewater sources to any system if the resulting flow or volume would exceed the design flow of the system. (10-1-90)
- 05. Failing System.** The owner of any failing system shall obtain a permit and cause the failing system's repair: (10-1-90)
- As soon as practical after the owner becomes aware of its failure; or (10-1-90)
  - As directed in proper notice from the Director. (10-1-90)
- 06. Subsurface System Replacement Area.** An area of land which is suitable in all respects for the complete replacement of a new subsurface system disposal field shall be reserved as a replacement area. This area will be kept vacant, free of vehicular traffic and free of any soil modification which would negatively affect its use as a replacement disposal field construction site. (10-1-90)
- 07. Technical Guidance Committee.** The Director shall appoint a Technical Guidance Committee composed of three (3) representatives from the seven (7) Health Districts, one (1) representative from the Department of Environmental Quality, one (1) professional engineer licensed in the state of Idaho and one (1) licensed installer. Initially two (2) committee members shall be appointed to each of one (1), two (2) and three (3) year terms. Appointments to vacancies thereafter shall be to three (3) year terms. (12-31-91)
- 08. Duties of the Technical Guidance Committee.** The Committee shall maintain a technical guidance manual which shall be used in the design, construction, alteration, operation, and maintenance of conventional systems, their components and alternatives. The Committee shall review variances at the request of the Director and provide recommendations on such variances. (10-1-90)
- 09. Technical Guidance Manual for Individual and Subsurface Alternative Sewage Disposal.** The manual maintained by the Technical Guidance Committee shall provide state-of-the-art technical guidance on alternative sewage disposal components and systems, soil type determination methodology and other information pertinent to the best management practices of individual and subsurface sewage disposal. (10-1-90)
- 10. Alternative System.** If a standard system as described in these rules cannot be installed on a parcel of land, an alternative system may be permitted if that system is in accordance with the recommendations of the Technical Guidance Committee and is approved by the Director. (5-7-93)

### 005. PERMIT AND PERMIT APPLICATION.

- 01. Permit Required.** Except as specified in Subsection 005.02 it shall be unlawful for any person to cause or to perform the modification, repair or construction of any individual or subsurface sewage disposal system within the state of Idaho unless there is a valid installation permit authorizing that activity. (12-31-91)

- 02. Exceptions to Permit Requirement.** The activities listed in this subsection may be lawfully performed in the absence of a valid installation permit. They are, however, subject to all other relevant rules and regulations. (10-1-90)
- a. Portable nondischarging systems may be installed where needed as temporary blackwaste or wastewater systems if they are properly maintained and if they are of a design which has been approved by the Director. (10-1-90)
  - b. Individual and subsurface systems may be repaired when needed as a result of clogged or broken solid piping or of malfunctions in an electrical or mechanical system. Such repair may not expand the system unless authorized by the Director. (10-1-90)
- 03. Permit Application.** The owner of the system or the owner's authorized representative shall make application to the Director in writing and in a manner or form prescribed by the Director. (10-1-90)
- 04. Contents of Application.** A permit application will be used to help determine if the proposed construction will be in conformance with applicable rules and regulations. Information required in the application may include, but is not limited to: (10-1-90)
- a. The name and address of the owner of the system and of the applicant, if different; (10-1-90)
  - b. The legal description of the parcel of land; (10-1-90)
  - c. The type of establishment served; (10-1-90)
  - d. The maximum number of persons served, number of bedrooms, or other appropriate measure of wastewater flow; (10-1-90)
  - e. The type of system; (10-1-90)
  - f. The construction activity (new construction, enlargement, repair); (10-1-90)
  - g. A scaled or dimensioned plot plan including, if needed, adjacent properties illustrating: (10-1-90)
    - i. The location and size of all existing and proposed wastewater systems including disposal field replacement areas; (10-1-90)
      - ii. The location of all existing water supply system features; (10-1-90)
      - iii. The location of all surface waters; (10-1-90)
      - iv. The location of scarps, cuts, and rock outcrops; (10-1-90)
      - v. Land elevations, surface contours, and ground slopes between features of interest; (10-1-90)
      - vi. Property lines, easements, and rights-of-way; and (10-1-90)
      - vii. Location and size of buildings and structures. (7-1-93)
  - h. The plans and specifications of the proposed system which include: (10-1-90)

- i. Diagrams of all system facilities which are to be made or fabricated at the site; (10-1-90)
- ii. The manufacturer's name and identification of any component approved pursuant to Sections 007 and 009; and (12-31-91)
- iii. List of materials. (10-1-90)
- i. Soil description and profile, groundwater data, percolation or permeability test results and/or a site evaluation report; (10-1-90)
- j. The nature and quantity of blackwaste and wastewater which the system is to receive including the basis for that estimate; (10-1-90)
- k. Proposed operation, maintenance, and monitoring procedures to insure the system's performance and failure detection; (10-1-90)
- l. Copies of legal documents relating to access and to responsibilities for operation, maintenance, and monitoring; (10-1-90)
- m. A statement from the local zoning or building authority indicating that the proposed system would not be contrary to local ordinances; (10-1-90)
- n. The signature of the owner of the proposed system and, if different, of the applicant; and (10-1-90)
- o. Any other information, document, or condition that may be required by the Director to substantiate that the proposed system will comply with applicable rules and regulations. (10-1-90) 05.

**05. Basis for Permit Application Denial.** The Director may deny a permit application if in the Director's judgment: (10-1-90)

- a. The application is incomplete, inaccurate, or misleading; (10-1-90)
- b. The system as proposed is not in compliance with applicable rules and regulations; (10-1-90)
- c. The system as proposed would, when put into use, be considered a failing system; (10-1-90)
- d. The design and description of a public system was not made by a professional engineer; (10-1-90)
- e. Public or central wastewater treatment facilities are reasonably accessible. (10-1-90)

**06. Notice of Denial.** Upon denial of an application the Director shall notify the applicant of the reason for denial. (10-1-90)

**07. Issuance of Permit.** When, in the opinion of the Director the system as proposed will be in conformance with applicable rules and regulations, the Director shall issue an "Individual and Subsurface System Installation Permit". (10-1-90)

- 08. Application and Permit Valid for One Year.** Unless otherwise stated on the application or permit, it shall become invalid if the authorized construction or activity is not completed and approved within one (1) year of the date of issuance. (10-1-90)
- 09. Permit Renewal.** At the discretion of the Director, a permit may be renewed one (1) or more times upon request by the applicant or owner provided that the request is received by the Director prior to the permit's date of expiration. (10-1-90)
- 10. Immediate Effect of the Permit.** A valid permit authorizes the construction of an individual or subsurface system and requires that the construction be conducted in compliance with plans, specifications, and conditions contained in the approved permit application. Any deviation from the plans, specifications, and conditions is prohibited unless it is approved in advance by the Director. (10-1-90)
- 11. Cottage Site Facility Certification.** A valid permit shall constitute certification and approval for the purposes of Section 39-3611, Idaho Code. (10-1-90)
- 12. Existing Installation Permits.** Individual and subsurface sewage disposal installation permits or other lot-specific approvals for systems issued prior to February 7, 1978, pursuant to Idaho Code Title 39, Chapter 1 and Title 39, Chapter 36, will become invalid one (1) year after written notice is given by the Director notifying the owner or holder of such a permit or approval that the permit or approval will no longer be valid unless construction or installation of the system provided for in the permit or approval is commenced within one (1) year after giving of the notice. This provision does not apply to certificates filed to satisfy a sanitary restriction pursuant to Section 50-1326, Idaho Code. (10-1-90)
- 13. Abandonment May Be Required.** The Director may require as a condition for issuing a permit that the system be abandoned by a specified date or under specific predetermined circumstances. The date or circumstances will be established before the issuance of the permit and be contained in the permit application. These conditions may relate to a specific date, dwelling density, completion of a municipal system or other circumstances relative to the availability of central sewerage system services. (10-1-90)
- 14. Operation, Maintenance and Monitoring.** The Director may require as a condition of issuing a permit, that specific operation, maintenance, and monitoring procedures be observed. Those procedures will be contained in the permit application. (10-1-90)
- 15. As-Built Plans and Specifications.** The Director may require as a condition of issuing a permit, that complete and accurate record drawings and specifications depicting the actual construction be submitted to the Director within thirty (30) days after the completion of the construction. Alternately, if the construction proceeded in compliance with the approved plans and specifications, a statement to that effect may be submitted. (10-1-90)
- 16. Permit Fee.** All applications shall be accompanied by payment of the fee specified in Idaho Department of Health and Welfare Rules, IDAPA 16.05.05, Subsections 110 through 110.02, "Rules Governing Fees for Health Operating Permits, Licenses, and Inspection Services". (5-7-93)

## 006. INSTALLER'S REGISTRATION PERMIT.

- 01. Permit Required.** Every installer shall secure from the Director, an installer's registration permit. Two (2) types of installer permits are available: (5-7-93)
- a. A standard and basic alternative system installer's registration permit is required to install all individual systems not listed under Subsection 006.01 .b. (5-7-93)
  - b. A complex alternative system installer's registration permit is required to install evapotranspiration systems, extended treatment systems, lagoon systems, large soil absorption systems, pressure distribution systems, intermittent sand filter, in-trench sand filter, sand mound or other systems as may be specified by the Director. (5-7-93)
- 02. Examination.** The initial issuance of the installer's permit shall be based on the completion of an examination, with a passing score of seventy (70) or more, of the applicant's knowledge of the principles set forth in this chapter and the applicable sections of the Technical Guidance Manual. The examination will be prepared, administered and graded by the Director. (5-7-93)
- 03. Permits Required Annually.** Registration permits expire annually on the first (1st) day of January and all permits issued thereafter will be issued for the balance of the calendar year. Additionally, at least one (1) refresher course approved by the state of Idaho, Department of Environmental Quality, be attended every three (3) years. (5-7-93)
- 04. Contents of Application.** Applications for permits shall be in writing, shall be signed by the applicant or by an officer or authorized agent of a corporation, shall contain the name and address of the applicant, shall indicate whether the permit is to be for installation of standard and basic alternative systems or for installation of standard, basic and complex alternative systems, and shall contain the expiration date of the bond required by Subsection 006.05. (5-7-93)
- 05. Bond Required.** At the time of application, all applicants shall deliver to the Director a bond in a form approved by the Director in sum of five thousand dollars (\$5,000) for a standard and basic alternative system installer's registration permit, or in the sum of fifteen thousand dollars (\$15,000) for standard, basic and complex alternative system installer's registration permit. The bond will be executed by a surety company duly authorized to do business in the state of Idaho and must run concurrent with the installer's registration permit to be approved by the Director guaranteeing the faithful performance of all work undertaken under the provisions of the installer's registration permit. Any person who suffers damage as the result of the negligent or wrongful acts of the registrant or by his failure to competently perform any of the work agreed to be done under the terms of the registration permit shall, in addition to other legal remedies, have a right of action in his own name on the bond for all damages not exceeding five thousand dollars (\$5,000) for standard and basic alternative systems or fifteen thousand dollars (\$15,000) for complex alternative systems. The maximum liability of the surety and/or sureties on the bond, regardless of the number of claims filed against the bond, shall not exceed the sum of five thousand dollars (\$5,000) for standard and basic alternative systems or fifteen thousand dollars (\$15,000) for complex alternative systems. (5-7-93)

- 06. Exemption.** An installer's permit shall not be required for: (10-1-90)
- a. Any person, corporation, or firm constructing a central or municipal subsurface sewage disposal system if that person, corporation, or firm is a licensed public works contractor as provided in Title 54, Chapter 19, Idaho Code, is experienced in the type of system to be installed and is under the direction of a professional engineer licensed in the state of Idaho; or (5-7-93)
  - b. An owner installing his own standard or basic alternative system. (5-7-93)
- 07. Application Fee.** All applications shall be accompanied by payment of the fee specified in Idaho Department of Health and Welfare Rules, IDAPA 16.05.05, Section 120, "Rules Governing Fees for Health Operating Permits, Licenses, and Inspection Services". (5-7-93)
- 08. Grounds for Revocation.** Failure to comply with these rules shall be grounds for revocation of the permit. (5-7-93)

## **007. SEPTIC TANKS DESIGN AND CONSTRUCTION STANDARDS.**

- 01. Materials.** New septic tanks will be constructed of concrete, or other materials approved by the Director. Steel tanks are unacceptable. (10-1-90)
- 02. Construction Requirements.** All septic tanks will be water tight, constructed of sound, durable materials and not subject to excessive corrosion, decay, frost damage or cracking. (10-1-90)
- 03. Concrete Septic Tanks.** New concrete septic tanks will at a minimum meet the following requirements: (10-1-90)
- a. The walls and floor must be at least two and one-half (2 1/2) inches thick if adequately reinforced and at least six (6) inches thick if not reinforced. (10-1-90)
  - b. Concrete lids or covers must be at least three (3) inches thick and adequately reinforced. (10-1-90)
  - c. The floor and at least a six (6) inch vertical portion of the walls of a poured tank must be poured at the same time (monolithic pour). (10-1-90)
  - d. Wall sections poured separately must have interlocking joints on joining edge. (10-1-90)
  - e. All concrete outlet baffles must be finished with an asphalt or other protective coating. (10-1-90)
- 04. Horizontal Dimension Limit.** No interior horizontal dimension of a septic tank or compartment may be less than two (2) feet. (10-1-90)
- 05. Liquid Depth.** The liquid depth shall be at least two and one-half (2 1/2) feet but not greater than five (5) feet. (10-1-90)
- 06. Manufactured Tank Markings.** Septic tanks manufactured in accordance with a specified design approved by the Director, will be legibly and indelibly marked with the

manufacturer's name or trademark, total liquid capacity and shall indicate the tank's inlet and outlet. (10-1-90)

**07. Minimum Tank Capacities. (7-1-93)**

a. Tanks serving one (1) or two (2) single dwelling units:

<b>MINIMUM CAPACITY PER DWELLING UNIT</b>	
<b>Number of Bedrooms</b>	<b>Minimum Liquid Capacity (Gallons)</b>
1 or 2	900
3 or 4	1,000

For each bedroom over four (4) add two hundred fifty (250) gallons. (10-1-90)

b. Tanks serving all other flows. Septic tank capacity shall be equal to two (2) times the average daily flow as determined from Subsection 007.08. The minimum tank capacity shall be seven hundred and fifty (750) gallons. (12-31-91)

**08. Wastewater Flows from Various Establishments in Gallons per Day.**

<b>ESTABLISHMENTS</b>	
Single Family Dwelling and Mobile Homes, 3 bedroom. Add/subtract 50 gallons/bedroom	250/Unit
<b>MULTIPLE RESIDENTIAL</b>	
Hotel: With Private Baths	60/Bedspace
Without Private Baths	40/Bedspace
Motel: With Kitchenette	40/Bedspace 60/Bedspace
Boarding House: Add for each nonresident	150/Bedspace 25
Rooming House/Bunk House Staff Resident	40/Resident 40/Staff
Nonresident	15/Staff
Apartments	250/Unit
<b>INSTITUTIONAL</b>	
Assembly Hall/Meeting House	2/Seat
Church: With Kitchen	3/Seat 7/Seat
Hospital: Kitchen only	250/Bedspace 25/Bedspace
Laundry only	40/Bedspace
Nursing Home/Rest Home	125/Bedspace

<b>ESTABLISHMENTS</b>	
Day School: Without Showers	20/Student
With Showers	25/Student
With Cafeteria, add	3/Student
Staff-Resident	40/Staff
Nonresident	20/Staff
<b>FOOD SERVICE</b>	
Conventional Service: Toilet & Kitchen Wastes	13/Meal
Kitchen Wastes	3.3/Meal
Take Out or Single Service	2/Meal
Dining Hall: Toilet & Kitchen Wastes	8/Meal
Kitchen Wastes	3.3/Meal
Drinking Establishment	2/Person
Food Service Employee	15/Employee
<b>COMMERCIAL AND INDUSTRIAL</b>	
Bowling Alley	125/Lane
Laundry - Self Service	50/Wash
Public Transportation Terminal	5/Fare
Service Station	10/Vehicle
Car Wash: 1st Bay	50/Vehicle 1000
Additional Bays	500 each
Shopping Center (No food/laundry)	1/Pkg.Sp.
Theaters (including Concession Stand): Auditorium	5/Seat
Drive-in	10/Space
Offices	20/Employee
Factories: No Showers	25/Employee
With Showers	35/Employee
Add for Cafeteria	5/Employee
Stores	2/Employee
Public Restrooms	
<b>SEASONAL AND RECREATIONAL</b>	
Fairground (Peak Daily Attend)	1/Person
Stadium	2/Seat
Swimming Pool: Toilet & Shower Wastes	10/Person
Parks & Camps (Day Use): Toilet & Shower Wastes	15/Person

<b>ESTABLISHMENTS</b>	
Roadside Rest Area: Toilet & Shower Wastes	10/Person
Toilet Waste	5/Person
Overnight Accommodation: Central Toilet	25/Person
Central Toilet & Shower	35/Person
Designated Camp Area: Toilet & Shower Wastes	90/Space
Toilet Wastes	65/Space
Seasonal Camp	50/Space
Luxury Cabin	75/Person
Travel Trailer Park with Sewer & Water Hook-up	125/Space
Construction Camp	50/Person
Resort Camps	50/Person
Luxury Camps	100/Person
Country Clubs Resident Member	100/Member
Add for Nonresident Member	25/Person
Public Restrooms: Toilet Wastes	5/Person
Toilet & Shower Wastes	15/Person

(10-1-90)

**09. Total Volume.** The total volume of a septic tank will at a minimum be one hundred fifteen percent (115%) of its liquid capacity. (10-1-90)

**10. Inlets.** (7-1-93)

- a. The inlet into the tank will be at least four (4) inches in diameter and enter the tank three (3) inches above the liquid level. (10-1-90)
- b. The inlet of the septic tank and each compartment will be submerged by means of a vented tee or baffle. (10-1-90)
- c. Vented tees or baffles will extend above the liquid level seven (7) inches or more but not closer than one (1) inch to the top of the tank. (10-1-90)
- d. Tees should not extend horizontally into the tank beyond two (2) times the diameter of the inlet. (10-1-90)

**11. Outlets.** (7-1-93)

- a. The outlet of the tank will be at least four (4) inches in diameter. (10-1-90)
- b. The outlet of the septic tank and each compartment will be submerged by means of a vented tee or baffle. (10-1-90)
- c. Vented tees and baffles will extend above the liquid level seven (7) inches or more above the liquid level but no closer than one (1) inch to the inside top of the tank. (10-1-90)

- d. Tees and baffles will extend below the liquid level to a depth where forty percent (40%) of the tank's liquid volume is above the bottom of the tee or baffle. For vertical walled rectangular tanks, this point is at forty percent (40%) of the liquid depth. In horizontal cylindrical tanks this point is about thirty-five percent (35%) of the liquid depth. (10-1-90)
- e. Tees and baffles should not extend horizontally into the tank beyond two (2) times the diameter of the outlet. (10-1-90)

**12. Scum Storage.** A septic tank will provide an air space above the liquid level which will be equal to or greater than fifteen percent (15%) of the tank's liquid capacity. For horizontal cylindrical tanks, this condition is met when the bottom of the outlet port is located at nineteen percent (19%) of the tank's diameter when measured from the inside top of the tank. (10-1-90)

**13. Manholes.** Access to each septic tank or compartment shall be provided by a manhole twenty (20) inches in minimum dimension or a removable cover of equivalent size. Each manhole cover will be provided with a corrosion resistant strap or handle to facilitate removal. (10-1-90)

**14. Inspection Ports.** An inspection port measuring at least eight (8) inches in its minimum dimension will be placed above each inlet and outlet. Manholes may be substituted for inspection ports. (10-1-90)

**15. Split Flows.** The wastewater from a single building sewer or sewer line may not be divided and discharged into more than one (1) septic tank or compartment. (10-1-90)

**16. Multiple Tank or Compartment Capacity.** Multiple septic tanks or compartmented septic tanks connected in series may be used so long as the sum of their liquid capacities is at least equal to the minimum tank capacity computed in Subsection 007.07 and the initial tank or compartment has a liquid capacity of more than one-half (1/2) but no more than two-thirds (2/3) of the total liquid capacity of the septic tank facility. (12-31-91)

**17. Minimum Separation Distances Between Septic Tanks and Features of Concern.**

Features of Concern		Minimum Distance to Septic Tank in Feet
Well or Spring or Suction Line	Public Water	100
	Other	50
Water Distribution Line	Public Water	25
	Other	10
Permanent or Intermittent Surface Water		50
Temporary Surface Water		25
Downslope Cut or Scarp		25
Dwelling Foundation or Building		5
Property Line		5

Features of Concern	Minimum Distance to Septic Tank in Feet
Seasonal High Water Level (Vertically from Top of Tank)	2

(10-1-90)

**18. Installation of Manufactured Tanks.** If written installation instructions are provided by the manufacturer of a septic tank, those instructions relative to the stability and integrity of the tank are to be followed unless otherwise specified in the installation permit of these rules. (5-7-93)

**19. Manhole Extension.** If the top of the septic tank is to be located more than twenty-four (24) inches below the finished grade, manholes will be extended to within eighteen (18) inches of the finished grade. (10-1-90)

**20. Sectional Tanks.** Sectional tanks will be joined in a manner that will insure that the tank is watertight. (10-1-90)

**21. Inlet and Outlet Piping.** Unless otherwise specified in the installation permit, piping to and from a septic tank or dosing chamber, to points three (3) feet beyond the tank excavation shall be of a material approved by the Director. The following materials are required: (5-7-93)

- a. ABS schedule forty (40) or material of equal or greater strength piping shall be used to span the excavations for the septic tank and dosing chamber. (5-7-93)
- b. ASTM-D-3033 or 3034 plastic pipe may be used to span the septic tank and dosing chamber if the excavation is compacted with fill material. (5-7-93)
  - i. The fill material must be granular, clean and compacted to ninety percent (90%) standard proctor density. (5-7-93)
  - ii. Placement of ASTM-D-3033 or 3034 on undisturbed earth is suitable, but in no installation shall there be less than twelve (12) inches of cover over the pipe. (5-7-93)

**22. Effluent Pipe Separation Distances.** Effluent pipes shall not be installed closer than fifty (50) feet from a well. (5-7-93)

**23. Septic Tank Abandonment.** Responsibility of properly abandoning a septic tank shall remain with the property owner. Septic tanks shall be abandoned in accordance with the following: (5-7-93)

- a. Disconnection of the inlet and outlet piping; (5-7-93)
- b. Pumping of the scum and septage with approved disposal; (5-7-93)
- c. Filling the septic tank with earthen materials; or (5-7-93)
- d. Physically destroying the septic tank or removing the septic tank from the ground. (5-7-93)

**008. STANDARD SUBSURFACE DISPOSAL FACILITY DESIGN AND CONSTRUCTION.**

**01. Standard Drainfield.** A drainfield consisting of an effluent sewer, one (1) or more aggregate filled trenches and a gravity flow wastewater distribution system. These standards will be the basis of acceptable design and configuration. Overall dimensions of a specific facility will depend upon site characteristics and the volume of wastewater. (10-1-90)

**02. Site Suitability.** The area in which a standard drainfield is to be constructed must meet the conditions stated in this subsection: (10-1-90)

- a. Slope. The natural slope of the site will not exceed twenty percent (20%). (10-1-90)
- b. Soil types. Suitable soil types must be present at depths corresponding with the sidewalls of the proposed drainfield and at depths which will be between the bottom of the proposed drainfield and any limiting soil layer (effective soil depth).

Design Soil Group	Soil Textural Classification	USDA Field Test Textural Classification	
<b>Unsuitable</b>	Gravel	10 Mesh	
	Coarse Sand	10-35 Mesh	Sand
<b>A</b>	Medium Sand	35-60 Mesh	Sand
	Fine Sand	65-140 Mesh	Sand
	Loamy Sand		Sand
<b>B</b>	Very Fine Sand	140-270 Mesh	Sand
	Sandy Loam		Sandy Loam
	Very Fine Loamy Sand		Sandy Loam
	Loam		
<b>C</b>	Silt Loam		Silt Loam
	Silt		Silt Loam
	Clay Loam		Clay Loam
	Sandy Clay Loam		Clay Loam
	Silty Clay Loam		Clay Loam
<b>Unsuitable</b>	Sandy Clay		Clay
	Silty Clay		Clay
	Clay		Clay
	Clay soils with high shrink/swell potential		Clay
	Organic mucks		
	Claypan, Duripan,		
Hardpan			

(10-1-90)

**03. Effective Soil Depths.** Effective soil depths, in feet, below the bottom of the drainfield must be equal to or greater than those values listed in the following table.

<b>EFFECTIVE SOIL DEPTHS TABLE</b>			
<b>Site Conditions</b>	<b>Design</b>	<b>Soil</b>	<b>Group</b>
<b>Limiting Layer</b>	<b>A</b>	<b>B</b>	<b>C</b>
Impermeable Layer	4	4	4
Fractured Bedrock, Fissured Bedrock or Extremely Permeable Material	6	4	3
Normal High Groundwater Level	6	4	3
Seasonal High Groundwater Level	1	1	1

(5-7-93)

**04. Separation Distances.** The drainfield must be located so that the separation distances given be maintained or exceeded according to the following Table:

<b>Feature of Interest</b>	<b>Soil Types All</b>	<b>A</b>	<b>B</b>	<b>C</b>
Public Water Supply	100			
All Other Domestic Water Supplies including Springs and Suction Lines	100			
Water Distribution Lines:				
Pressure	25			
Suction	100			
Permanent or Intermittent Surface Water other than Irrigation Canals & Ditches		300	200	100
Temporary Surface Water and Irrigation Canals and Ditches	50			
Downslope Cut or Scarp:				
Impermeable Layer Above Base		75	50	50
Impermeable Layer Below Base		50	25	25
Building Foundations:				
Crawl Space or Slab	10			
Basement	20			
Property Line	5			

(5-7-93)

**03. Subsurface Disposal Facility Sizing.** The size of a subsurface disposal system will be determined by the following procedures: (10-1-90)

- a. Daily flow estimates should be determined in the same manner as are flow estimates for septic tank sizing in Subsection 007.08. (5-7-93)
- b. The total required absorption area is obtained by dividing the estimated daily flow by a value below.

<b>Design Soil Group</b>	<b>A</b>	<b>B</b>	<b>C</b>
Absorption Area - Gallons/Square	1.0	0.5	0.2

(10-1-90)

- c. Required Area. The size of an acceptable site must be large enough to construct two (2) complete drainfields in which each are sized to receive one hundred percent (100%) of the design wastewater flow. (10-1-90)

**04. Standard Subsurface Disposal Facility Specifications.** The following table presents additional design specifications for new subsurface sewage disposal facilities.

<b>SUBSURFACE DISPOSAL FACILITY TABLE</b>	
<b>Item</b>	<b>All Soil Groups</b>
Length of Individual Distribution Laterals	100 Feet Maximum
Grade of Distribution Laterals and Trench Bottoms	Level
Width of Trenches	1 Foot Minimum 6 Feet Maximum
Depth of Trenches	2 Feet Minimum 4 Feet Maximum
Total Square Feet of Trench	1500 Sq.ft. Max.
Undisturbed Earth Between Trenches	6 Feet Minimum
Undisturbed Earth Between Septic Tank and Trenches	6 Feet Minimum
Depth of Aggregate:	
Total	12 In. Minimum
Over Distribution Laterals	2 In. Minimum
Under Distribution Laterals	6 In. Minimum
Depth of Soil Over Top of Aggregate	12 In. Minimum

(10-1-90)

- 05. Wastewater Distribution.** Systems shall be installed to maintain equal or serial effluent distribution. (10-1-90)
- 06. Excavation.** Trenches will not be excavated during the period of high soil moisture content when that moisture promotes smearing and compaction of the soil. (10-1-90)
- 07. Soil Barrier.** The aggregate will be covered throughout with untreated building paper, a synthetic filter fabric (geotextile), a three (3) inch layer of straw or other acceptable permeable material. (10-1-90)
- 08. Aggregate.** The trench aggregate shall be crushed rock, gravel, or other acceptable, durable and inert material which is, free of fines, and has an effective diameter from one-half (1/2) to two and one-half (2 1/2) inches. (10-1-90)
- 09. Impermeable Surface Barrier.** No treatment area trench or replacement area shall be covered by an impermeable surface barrier, such as tar paper, asphalt or tarmac or be used for parking or driving on or in any way compacted and shall be adequately protected from such activities. (5-7-93)

- 10. Standard Absorption Bed.** Absorption bed disposal facilities may be considered when a site is suitable for a standard subsurface disposal facility except that it is not large enough. (10-1-90)
- a. **General Requirements.** Except as specified in this section, rules and regulations applicable to a standard subsurface disposal system are applicable to an absorption bed facility. (10-1-90)
  - b. **Slope Limitation.** Sites with slopes in excess of eight percent (8%) are not suitable for absorption bed facilities. (10-1-90)
  - c. **Vehicular Traffic.** Rubber tired vehicles must not be driven on the bottom surface of any bed excavation. (10-1-90)
  - d. **Distribution Lateral Spacing.** Distribution laterals within a bed must be spaced on not greater than six (6) feet centers nor may any sidewall be more than three (3) feet from a distribution lateral. (10-1-90)
- 11. Seepage Pit.** Seepage pit disposal facilities may be used on a case by case basis within the boundaries of District Health Department Seven when an applicant can demonstrate to the district director's satisfaction that the soils and depth to ground water are sufficient to prevent ground water contamination. The district director shall document all such cases. (4-2-91)L
- a. **General Requirements.** Except as specified in Subsection 008.11.b., rules and regulations applicable to a standard subsurface disposal system are applicable to a seepage pit. (12-31-91)
  - b. **Other conditions for approval, sizing and construction** will be as provided for in the seepage pit section of the Technical Guidance Manual for Individual and Subsurface Sewage Disposal, except that the site size restriction in condition two (2) of the Conditions for Approval will not apply. (10-1-90)
- 12. Failing Subsurface Sewage Disposal System.** If the Director determines that the public's health is at risk from a failed septic system and that the replacement of a failing subsurface sewage disposal system cannot meet the current rules and regulations, then the replacement system must meet the intent of the rules and regulations by utilizing a standard subsurface sewage disposal design or alternative system design as specified by the Director. (5-7-93).

### 009. OTHER COMPONENTS.

- 01. Design Approval Required.** Commercially manufactured blackwaste and wastewater treatment and storage components may not be used in the construction of a system unless their design is approved by the Director. (10-1-90)
- 02. Plan and Specification Submittal.** Plans and specifications for all commercially manufactured individual and subsurface treatment and storage components will be submitted to the Director for approval. Plans and specifications will show or include as requested by the Director, detailed construction drawings, capacities, structural calculations, list of materials, evidence of stability and durability, manufacturers installation, operation and maintenance instructions, and other relevant information. (10-1-90)

**03. Effect of Design Approval.** The Director may condition a design approval by specifying circumstances under which the component must be installed, used, operated or maintained. (10-1-90)

**04. Notice of Design Disapproval.** If the Director is satisfied that the component described in the submittal may not be in compliance with or may not consistently function in compliance with these rules the Director will disapprove the design as submitted. The manufacturer or distributor submitting the design for approval will be notified in writing of the disapproval and the reason for that action. (5-7-93)

## **010. VARIANCES.**

**01. Technical Allowance.** The Director may make a minor technical allowance to the dimensional or construction requirements of these rules for a standard system if: (5-7-93)

- a. The allowance will not affect adjacent property owners or the public at large; (10-1-90)
- b. The allowance will not violate the conditions of Subsection 004.01; and (12-31-91)
- c. The allowance will not be in conflict with any other rule, regulation, standard, or ordinance. (10-1-90)
- d. The allowance to a dimensional requirement is not more than ten percent (10%) of the requirements of these rules unless otherwise provided for in the Technical Guidance Manual. (5-7-93)

**02. Petition for Variance.** If a petition of variance to these rules is desired, a request for a variance may be filed with the Director. The petition shall contain the following: (10-1-90)

- a. A concise statement of the facts upon which the variance is requested including a description of the intended use of the property, the estimates of the quantity of blackwaste or wastewater to be discharged, and a description of the existing site conditions; (10-1-90)
- b. A concise statement of why the petitioner believes that compliance with the provision from which variance is sought would impose an arbitrary or unreasonable hardship, and of the injury that the grant of the variance would impose on the public; and (10-1-90)
- c. A clear statement of the precise extent of the relief sought. (10-1-90)

**03. Public Notice.** At the time of filing a petition evidence shall also be submitted that: (10-1-90)

- a. A notice has appeared in the local newspaper advising the public of the request for variance; (10-1-90)
- b. All property owners within three hundred (300) feet of the affected site have been notified; and (10-1-90)
- c. Such notices to the public have been made fifteen (15) days prior to the filing of the petition. (10-1-90)

**04. Objections to Petition.** Any person may file with the Department, within twenty-one (21) days after the filing of the petition, a written objection to the grant of the variance. A copy of such objection shall be provided by the Department to the petitioner. (10-1-90)

**05. Investigation and Decision.** After investigating the variance petition and considering the views of persons who might be adversely affected by the grant of the variance, the Director shall, within sixty (60) days after the filing of the petition, make a decision as to the disposition of the petition. The decision, a copy of which shall be served on the petitioner, shall include: (10-1-90)

- a. A description of the efforts made by the Director to investigate the facts as alleged and to ascertain the views of persons who might be affected, and a summary of the views so ascertained; (10-1-90)
- b. A statement of the degree to which, if at all, the Director disagrees with the facts as alleged in the petition; (10-1-90)
- c. Allegations of any other facts believed relevant to the disposition of the petition; and (10-1-90)
- d. The Director's decision. (10-1-90)

**06. Limitations on Decision.** No technical allowance or variance shall be granted unless: (10-1-90)

- a. Adequate proof is shown by the petitioner that compliance would impose an arbitrary or unreasonable hardship; (10-1-90)
- b. The technical allowance or variance rendered is consistent with the recommendations of the Technical Guidance Committee or the Technical Guidance Manual in use at the time of the petition; and (10-1-90)
- c. The Director has determined that the approval of the technical allowance or variance will not have an adverse impact on the public health or the environment. (10-1-90)

## 011. INSPECTIONS.

**01. One or More Inspections Required.** Such inspection as are necessary to determine compliance with any requirement or provision of these rules shall be required by the Director. (5-7-93)

**02. Duty to Uncover.** The permittee shall, at the request of the Director, uncover or make available for inspection any portion or component of an individual or subsurface sewage disposal system which was covered or concealed in violation of these rules. (5-7-93)

**03. Advance Notice by Permittee.** If an inspection requires some type of preparation, such as test hole excavation or partial construction of the system, the applicant or permittee will notify the Director at least forty-eight (48) hours in advance, excluding weekends and holidays, before the time preparation will be completed. (10-1-90)

**04. Substantiating Receipts and Delivery Slips.** The permittee shall upon request by the Director provide copies of receipts, delivery slips or other similar documents to

substantiate the origin, quality, or quantity of materials used in the construction of any individual or subsurface system. (10-1-90)

## 012. VIOLATIONS AND PENALTIES.

- 01. Failure to Comply.** All individual and subsurface sewage disposal systems shall be constructed and installed according to these rules. Failure by any person to comply with the permitting, licensing, approval, installation, or variance provisions of these rules shall be deemed a violation of these rules. (5-7-93)
- 02. System Operation.** No person shall discharge pollutants into the underground water of the state of Idaho through an individual or subsurface sewage disposal system unless in accordance with the provisions of these rules. (5-7-93)
- 03. Violation a Misdemeanor.** Pursuant to Section 39-117, Idaho Code, any person who willfully or negligently violates any of the provisions of these rules shall be guilty of a misdemeanor. (5-7-93)

## 013. LARGE SOIL ABSORPTION SYSTEM DESIGN AND CONSTRUCTION.

- 01. Site Investigation.** A site investigation for a large soil absorption system by a soil scientist and/or hydrogeologist may be required by the Director for review and approval and shall be coordinated with the Director. Soil and site investigations shall conclude that the effluent will not adversely impact or harm the waters of the State. (5-7-93)
- 02. Installation Permit Plans.** Installation permit application plans, as outlined in Subsection 005.04, for a large soil absorption system submitted for approval shall include provisions for inspections of the work during construction by the design engineer or his designee and/or by the Director. (5-7-93)
- 03. Module Size.** The maximum size of any subsurface sewage disposal module shall be ten thousand (10,000) gallons per day. Developments with greater than ten thousand (10,000) gallons per day flow shall divide the system into absorption modules designed for ten thousand (10,000) gallons per day or less. (5-7-93)
- 04. Standard Large Soil Absorption System Design Specifications.** (5-7-93)
  - a. All design elements and applications rates shall be arrived at by sound engineering practice and shall be provided by a professional engineer licensed by the state of Idaho and specializing in environmental or sanitary engineering. (5-7-93)
  - b. Within thirty (30) days of system installation completion the design engineer shall provide either as-built plans or a certificate that the system has been installed in substantial compliance with the installation permit application plans. (5-7-93)
  - c. Effective Soil Depths. Effective soil depths, in feet, below the bottom of the absorption module to the site conditions must be equal to or greater than the following table:

<b>TABLE -- EFFECTIVE SOIL DEPTHS</b>			
<b>Site Conditions</b>	<b>Design</b>	<b>Soil</b>	<b>Group</b>
Limiting Layer	A	B	C
Impermeable Layer	8	8	8
Fractured Bedrock, Fissured Bedrock or Extremely Permeable Material	12	8	6
Normal High Groundwater Level	12	8	6
Seasonal High Groundwater Level	2	2	2

(5-7-93)

d. Separation Distances. The disposal area absorption module must be located so that the following separation distances given, in feet, are maintained or exceeded as outlined in the following table:

<b>TABLE -- SEPARATION DISTANCES</b>			
<b>Feature of Interest</b>	<b>Design Soil Group</b>		
	<b>A</b>	<b>B</b>	<b>C</b>
<b>All Domestic Water Supplies</b>			
Sewage Volume - 2,500-5,000 GPD	250	200	150
Sewage Volume - 5,000-10,000 GPD	300	250	200
<b>Property Lines</b>			
Sewage Volume - 2,500-5,000 GPD	50	50	50
Sewage Volume - 5,000-10,000 GPD	75	75	75
<b>Building Foundations - Basements</b>			
Sewage Volume - 2,500-5,000 GPD	50	50	50
Sewage Volume - 5,000-10,000 GPD	75	75	75
<b>Downslope Cut or Scarp</b>			
Impermeable Layer - Below Base	100	50	50
Separation Distance - Between	12	12	12

(5-7-93)

- e. No large soil absorption system shall be installed above a downslope scarp or cut unless it can be demonstrated that the installation will not result in effluent surfacing at the cut or scarp. (5-7-93)
- f. A minimum of two (2) disposal systems will be installed, each sized to accept the daily design flow, and a replacement area equal to the size of one (1) disposal system will be reserved. (5-7-93)
- g. The vertical and horizontal hydraulic limits of the receiving soils shall be established and flows shall not exceed such limits so as to avoid hydraulically overloading any absorption module and replacement area. (5-7-93)
- h. The distribution system must be pressurized with a duplex dosing system. (5-7-93)
- i. A geotextile filter fabric shall cover the aggregate. (5-7-93)

- j. An in-line effluent filter between an extended treatment system or lagoon system and the large soil absorption area shall be installed. (5-7-93)
- k. Observation pipes shall be installed to the bottom of the drainrock throughout the drainfield. (5-7-93)
- l. Pneumatic tired machinery travel over the excavated infiltrative surface is prohibited. (5-7-93)
- m. The drainfield disposal area shall be constructed to allow for surface drainage and to prevent ponding of surface water. Before the system is put into operation the absorption module disposal area shall be seeded with typical lawn grasses and/or other appropriate shallow rooted vegetation. (5-7-93)

**05. Large Septic Tanks.** Large Septic Tanks shall be constructed according to Section 007, except as outlined in this Subsection: (5-7-93)

- a. Length to width ratios shall be maintained at least at a three to one (3:1) ratio. (5-7-93)
- b. Tank inlet shall allow for even distribution of the influent across the width of the tank. (5-7-93)
- c. The width to liquid depth ratio shall be between one to one (1:1) and two and one-quarter to one (2.25:1). (5-7-93)

**06. Monitoring and Reporting.** Before an installation permit is issued, a monitoring and reporting plan shall be approved by the Director and shall contain the following minimum criteria: (5-7-93)

- a. Monthly recording and inspection for ponding in all observation pipes. (5-7-93)
- b. Monthly recording of influent flows based on lapse time meter and/or event meter of the dosing system. (5-7-93)
- c. Monthly recording of groundwater elevation measurements at all monitoring wells if high seasonal groundwater is within fifteen (15) feet of the ground surface. (5-7-93)
- d. Semi-annual groundwater monitoring at all monitoring wells. (5-7-93)
- e. Monitoring shall conform to the requirements of all federal, state, and local rules and regulations. (5-7-93)
- f. An annual "Large Soil Absorption System Report" shall be filed with the Director no later than January 31 of each year for the last twelve (12) month period and shall include section on operation, maintenance and monthly and annual monitoring data. (5-7-93)

**07. Operation and Maintenance.** Before an installation permit is issued, an operation and maintenance plan shall be approved by the Director and shall contain the following minimum criteria: (5-7-93)

- a. Annual or more frequent rotation of the disposal systems, and whenever ponding is noted. (5-7-93)
- b. A detailed operation and maintenance manual, fully describing and locating all elements of the system and outlining maintenance procedures needed for operation of the system

- and who will be responsible for system maintenance, shall be submitted to the Director prior to system use. (5-7-93)
- c. A maintenance entity shall be specified to provide continued operation and maintenance. Approval of the entity shall be made by the Director prior to issuance of an installation permit. (5-7-93)

### **996. ADMINISTRATIVE PROVISIONS.**

Persons may be entitled to appeal agency actions authorized under these rules pursuant to IDAPA 58.01.23, "Rules of Administrative Procedure Before the Board of Environmental Quality". (3-15-02)

### **997. CONFIDENTIALITY OF RECORDS.**

Information obtained by the Department under these rules is subject to public disclosure pursuant to the provisions of Title 9, Chapter 3, Idaho Code, and IDAPA 58.01.21, "Rules Governing the Protection and Disclosure of Records in the Possession of the Department of Environmental Quality." (3-15-02)

### **998. INCLUSIVE GENDER AND NUMBER.**

For the purposes of these rules, words used in the masculine gender include the feminine, or vice versa, where appropriate. (12-31-91)

### **999. SEVERABILITY.**

The rules of this manual are severable. If any rule, or part thereof, or the application of such rule to any person or circumstance, is declared invalid, that invalidity does not affect the validity of any remaining portion of the manual. (5-7-93)

## 8.2 Rules Governing The Cleaning of Septic Tanks (IDAPA 58.01.15)

Below is a copy of the current Rules Governing The Cleaning of Septic Tanks. To access the official rule retained at the Idaho Department of Administration Web site, go to <http://adm.idaho.gov/adminrules/rules/idapa58/0115.pdf>.

### IDAPA 58 Title 01 Chapter 15

### Rules Governing the Cleaning of Septic Tanks

#### 001. LEGAL AUTHORITY.

Title 39, Chapter 1, Idaho Code, grants authority to the Board of Environmental Quality to adopt rules, regulations and standards to protect the environment and the health of the State and for the issuance of pollution source permits. Title 39, Chapter 1, Idaho Code, charges the Director to enforce all laws, rules, regulations and standards relating to environmental protection and health and those relating to the storage, handling and transportation of solids, liquids and gases which may cause or contribute to water pollution, and authorizes him to issue pollution source permits. (12-31-9 1)

#### 002. TITLE AND SCOPE.

01. **Title.** These rules shall be cited in full as Idaho Department of Environmental Quality Rules, IDAPA 58.01.15, "Rules Governing the Cleaning of Septic Tanks." (12-31-91)
02. **Scope.** The provisions of these rules establish general requirements for the handling, transportation and disposal of septic tank wastes and for obtaining a septic tank pumping permit. (12-31-91)

#### 003. GENERAL REQUIREMENTS.

All persons, firms or corporations operating any tank truck or any other device or equipment used or intended to be used for the purpose of pumping or cleaning septic tanks and/or transporting or disposing of human excrement, shall conform with the following requirements. (3-1-60)

01. **Equipment to Be Watertight.** The tank or transporting equipment shall be watertight and so constructed as to prevent spilling or leaking while being loaded, transported and/or unloaded. (3-1-60)
02. **Equipment to Be Cleanable.** The tank or transporting equipment shall be constructed in such a manner that every portion of the interior and exterior can be easily cleaned and maintained in a clean condition at all times while not in actual use. (3-1-60)

- 03. Disposal Methods.** Disposal of excrement from septic tanks shall be by the following methods only: (3-1-60)
- a. Discharging to a public sewer; (3-1-60)
  - b. Discharging to a sewage treatment plant; (3-1-60)
  - c. Burying under earth in a location and by a method approved by the Department of Environmental Quality: (3-1-60)
  - d. Drying in a location and by a method approved by the Department of Environmental Quality. (3-1-60)

### **004. PERMIT REQUIREMENTS.**

All persons operating septic tank pumping equipment shall obtain a permit from the Idaho Department of Environmental Quality for the operation of such equipment. Permits shall be renewed annually. Applications for renewal of permits shall be made on or before March 1 of each year. (3-1-60)

- 01. Permit Application Contents.** Applications for permits shall submit the following information on forms prepared by the Department: (3-1-60)
- a. Number of tank trucks operated by owner; (3-1-60)
  - b. Vehicle license number of each tank truck; (3-1-60)
  - c. Name and address of owner and/or operator of equipment; (3-1-60)
  - d. Name and address of business, if different from Subsection 004.01.c.; (3-1-60)
  - e. Methods of disposal to be used in all areas of operation; (3-1-60)
  - f. Location of all disposal sites used by applicant; (3-1-60)
  - g. A complete basis of charges made for payment of the work performed. (3-1-60)
- 02. Permit Fee.** All applications shall be accompanied by payment of the fee specified in Idaho Department of Health and Welfare Rules, IDAPA 16.05.05, Section 115, "Rules Governing Fees for Health Operating Permits, Licenses, and Inspection Services." (12-31-91)
- 03. Vehicle Number to Be Displayed.** For each permit issued, a number will be assigned to the owner and/or operator of the tank truck or trucks. The assigned number shall be displayed at all times on the door of the vehicle or vehicles in a manner easily legible. (3-1-60)
- 04. Permit Suspension or Revocation.** Permits issued are the property of the Department of Environmental Quality and may be suspended or revoked at any time the operator is not in compliance with the requirements of these rules. (3-1-60)

## **996. ADMINISTRATIVE PROVISIONS.**

Persons may be entitled to appeal agency actions authorized under these rules pursuant to IDAPA 58.01.23, “Rules of Administrative Procedure Before the Board of Environmental Quality.” (3-15-02)

## **997. CONFIDENTIALITY OF RECORDS.**

Information obtained by the Department under these rules is subject to public disclosure pursuant to the provisions of Title 9, Chapter 3, Idaho Code, and IDAPA 58.01.21, “Rules Governing the Protection and Disclosure of Records in the Possession of the Idaho Department of Environmental Quality.” (3-15-02)

## **998. INCLUSIVE GENDER AND NUMBER.**

For the purposes of these rules, words used in the masculine gender include the feminine, or vice versa, where appropriate. (12-31-91)

## **999. SEVERABILITY.**

Idaho Department of Environmental Quality Rules, IDAPA 58.01.15, “Rules Governing the Cleaning of Septic Tanks,” are severable. If any rule or regulation, or part thereof, or the application of such rule or regulation to any person or circumstance is declared invalid, that invalidity does not affect the validity of any remaining portion of this chapter. (2-15-82)

## 8.3 Idaho Code Title 39, Chapter 1: Environmental Quality–Health

Below is a copy of *portions* of the current Idaho Code Title 39, Chapter 1. To access the official, complete code retained at the Idaho legislature’s Web site, go to [www.legislature.idaho.gov/idstat/Title39/T39CH1.htm](http://www.legislature.idaho.gov/idstat/Title39/T39CH1.htm).

### TITLE 39 Health and Safety

#### CHAPTER 1 Environmental Quality–Health

**39-103. DEFINITIONS.** Whenever used or referred to in this chapter, unless a different meaning clearly appears from the context, the following terms shall have the following meanings:

- (11) “Person” means any individual, association, partnership, firm, joint stock company, trust, estate, political subdivision, public or private corporation, state or federal governmental department, agency or instrumentality, or any other legal entity which is recognized by law as the subject of rights and duties.
- (12) “Public water supply” means all mains, pipes and structures through which water is obtained and distributed to the public, including wells and well structures, intakes and cribs, pumping stations, treatment plants, reservoirs, storage tanks and appurtenances, collectively or severally, actually used or intended for use for the purpose of furnishing water for drinking or general domestic use in incorporated municipalities; or unincorporated communities where ten (10) or more separate premises or households are being served or intended to be served; or any other supply which serves water to the public and which the department declares to have potential health significance.
- (17) “Water pollution” is such alteration of the physical, thermal, chemical, biological or radioactive properties of any waters of the state, or such discharge of any contaminant into the waters of the state as will or is likely to create a nuisance or render such waters harmful or detrimental or injurious to public health, safety or welfare or to domestic, commercial, industrial, recreational, esthetic or other legitimate uses or to livestock, wild animals, birds, fish or other aquatic life.
- (18) “Waters” means all accumulations of water, surface and underground, natural and artificial, public and private or parts thereof which are wholly or partially within, flow through or border upon this state except for private waters as defined in section 42-212, Idaho Code.

#### **39-108. INVESTIGATION – INSPECTION – RIGHT OF ENTRY – VIOLATION – ENFORCEMENT PENALTY – INJUNCTIONS.**

- (1) The director shall cause investigations to be made upon receipt of information concerning an alleged violation of this act or of any rule, permit or order promulgated thereunder, and may cause to be made such other investigations as the director shall deem advisable.

- (2) For the purpose of enforcing any provision of this chapter or any rule authorized in this chapter, the director or the director's designee shall have the authority to:
- (a) Conduct a program of continuing surveillance and of regular or periodic inspection of actual or potential environmental hazards, air contamination sources, water pollution sources, and of solid waste disposal sites;
  - (b) Enter at all reasonable times upon any private or public property, upon presentation of appropriate credentials, for the purpose of inspecting or investigating to ascertain possible violations of this act or of rules, permits or orders adopted and promulgated by the director or the board;
  - (c) All inspections and investigations conducted under the authority of this chapter shall be performed in conformity with the prohibitions against unreasonable searches and seizures contained in the fourth amendment to the constitution of the United States and section 17, article I, of the constitution of the state of Idaho. The state shall not, under the authority granted by this chapter, conduct warrantless searches of private property in the absence of either consent from the property owner or occupier or exigent circumstances such as a public health or environmental emergency;
  - (d) Any district court in and for the county in which the subject property is located is authorized to issue a search warrant to the director upon a showing of (i) probable cause to suspect a violation, or (ii) the existence of a reasonable program of inspection. Any search warrant issued under the authority of this chapter shall be limited in scope to the specific purposes for which it is issued and shall state with specificity the manner and the scope of the search authorized.
- (3) Whenever the director determines that any person is in violation of any provision of this act or any rule, permit or order issued or promulgated pursuant to this act, the director may commence either of the following:
- (a) Administrative Enforcement Action.
    - (i) Notice. The director may commence an administrative enforcement action by issuing a written notice of violation. The notice of violation shall identify the alleged violation with specificity, shall specify each provision of the act, rule, regulation, permit or order which has been violated, and shall state the amount of civil penalty claimed for each violation. The notice of violation shall inform the person to whom it is directed of an opportunity to confer with the director or the director's designee in a compliance conference concerning the alleged violation. A written response may be required within fifteen (15) days of receipt of the notice of violation by the person to whom it is directed.
    - (ii) Scheduling compliance conference. If a recipient of a notice of violation contacts the department within fifteen (15) days of the receipt of the notice, the recipient shall be entitled to a compliance conference. The conference shall be held within twenty (20) days of the date of receipt of the notice, unless a later date is agreed upon between the parties. If a compliance conference is not requested, the director may proceed with a civil enforcement action as provided in paragraph (b) of this subsection.

- (iii) Compliance conference. The compliance conference shall provide an opportunity for the recipient of a notice of violation to explain the circumstances of the alleged violation and, where appropriate, to present a proposal for remedying damage caused by the alleged violation and assuring future compliance.
  - (iv) Consent order. If the recipient and the director agree on a plan to remedy damage caused by the alleged violation and to assure future compliance, they may enter into a consent order formalizing their agreement. The consent order may include a provision providing for payment of any agreed civil penalty.
  - (v) Effect of consent order. A consent order shall be effective immediately upon signing by both parties and shall preclude any civil enforcement action for the same alleged violation. If a party does not comply with the terms of the consent order, the director may seek and obtain, in any appropriate district court, specific performance of the consent order and such other relief as authorized in this chapter.
  - (vi) Failure to reach consent order. If the parties cannot reach agreement on a consent order within sixty (60) days after the receipt of the notice of violation or if the recipient does not request a compliance conference as per paragraph (a)(ii) of this section, the director may commence and prosecute a civil enforcement action in district court, in accordance with subsection (b) of this section.
- (b) Civil enforcement action. The director may initiate a civil enforcement action through the attorney general as provided in section 39-109, Idaho Code. Civil enforcement actions shall be commenced and prosecuted in the district court in and for the county in which the alleged violation occurred, and may be brought against any person who is alleged to have violated any provision of this act or any rule, permit or order which has become effective pursuant to this act. Such action may be brought to compel compliance with any provision of this act or with any rule, permit or order promulgated hereunder and for any relief or remedies authorized in this act. The director shall not be required to initiate or prosecute an administrative action before initiating a civil enforcement action.
- (4) No civil or administrative proceeding may be brought to recover for a violation of any provision of this chapter or a violation of any rule, permit or order issued or promulgated pursuant to this chapter, more than two (2) years after the director had knowledge or ought reasonably to have had knowledge of the violation.
- (5) Monetary penalties.
- (a) Any person determined in a civil enforcement action to have violated any provision of this act or any rule, permit or order promulgated pursuant to this act shall be liable for a civil penalty not to exceed ten thousand dollars (\$10,000) per violation or one thousand dollars (\$1,000) for each day of a continuing violation, whichever is greater or ten thousand dollars (\$10,000) for each separate air violation and day of continuing air violation. The method of recovery of said penalty shall be by a civil enforcement action in the district court in and for the county where the violation occurred. All civil penalties collected under this act shall be paid into the general fund of the state. Parties to an administrative enforcement action may agree to a civil penalty as provided in this subsection.

- (b) The imposition or computation of monetary penalties may take into account the seriousness of the violation, good faith efforts to comply with the law, and an enforceable commitment by the person against whom the penalty is directed to implement a supplemental environmental project. For purposes of this section, “supplemental environmental project” means a project which the person is not otherwise required to perform and which prevents pollution, reduces the amount of pollutants reaching the environment, contributes to public awareness of environmental matters, or enhances the quality of the environment. In evaluating a particular supplemental environmental project proposal, preference may be given to those projects with an environmental benefit which relate to the violation or the objectives of the underlying statute which was violated or which enhances the quality of the environment in the general geographic location where the violation occurred.
- (6) In addition to such civil penalties, any person who has been determined to have violated the provisions of this act or the rules, permits or orders promulgated thereunder, shall be liable for any expense incurred by the state in enforcing the act, or in enforcing or terminating any nuisance, source of environmental degradation, cause of sickness, or health hazard.
- (7) No action taken pursuant to the provisions of this act or of any other environmental protection law shall relieve any person from any civil action and damages that may exist for injury or damage resulting from any violation of this act or of the rules, permits and orders promulgated thereunder.
- (8) In addition to, and notwithstanding other provisions of this act, in circumstances of emergency creating conditions of imminent and substantial danger to the public health or environment, the prosecuting attorney or the attorney general may institute a civil action for an immediate injunction to halt any discharge, emission or other activity in violation of provisions of this act or rules, permits and orders promulgated thereunder. In such action the court may issue an ex parte restraining order.

**39-117. CRIMINAL VIOLATION – PENALTY.** (1) Any person who wilfully or negligently violates any of the provisions of the non-air quality public health or environmental protection laws or the terms of any lawful notice, order, permit, standard, rule or regulation issued pursuant thereto, shall be guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not more than ten thousand dollars (\$10,000) for each separate violation or one thousand dollars (\$1,000) per day for continuing violations, whichever is greater.

**39-118. REVIEW OF PLANS.** (1) Except as provided by subsection (2) of this section, all plans and specifications for the construction of new sewage systems, sewage treatment plants or systems, other waste treatment or disposal facilities, public water supply systems or public water treatment systems or for material modification or expansion to existing sewage treatment plants or systems, waste treatment or disposal facilities, public water supply systems or public water treatment systems, shall be submitted to and approved by the director before construction may begin, and all construction shall be in substantial compliance therewith. Material modifications are those that are intended to increase system capacity or to alter the methods or processes employed. The director shall review plans and specifications and endeavor to resolve design issues within forty-two (42) days of submittal such that approval can be granted. If the director and applicant have not resolved design issues within forty-two (42) days or at any time thereafter, the applicant may file a written

demand to the director for a decision. Upon receipt of such written demand, the director shall deliver a written decision to the applicant within no more than seven (7) days explaining any reasons for disapproval. The director shall maintain records of all written demands for decision made pursuant to this subsection with such records including the final decision rendered and the timeliness thereof. No material deviation shall be made from the approved plans and specifications without the prior approval of the director.

- (2) Plans meeting the following standards shall not require preconstruction approval by the director:
  - (a) Plans for dairy systems pursuant to section 37-401, Idaho Code.
  - (b) Plans developed to evidence compliance with storm water best management practices.
  - (c) Plans developed for routine maintenance or equipment replacement activities.
  - (d) Plans for sanitary sewer extensions, water main extensions, and storm drain extensions, when such facilities will be owned and operated by a city, county, quasi-municipal corporation or regulated public utility where such city, county, quasi-municipal corporation or regulated public utility provides for the review of such plans and specifications by a qualified licensed professional engineer to verify compliance with facility standards and approves construction plans prior to initiation of construction. Any plans approved pursuant to this subsection shall be transmitted to the director at the time construction is authorized along with a statement that the plans comply with the facility standards and that construction has been authorized by the public agency or public utility. At the discretion of any city, county, quasi-municipal corporation or regulated public utility, the plans addressed by this subsection may be referred to the director for review and approval prior to initiation of construction.
- (3) Within thirty (30) days of the completion of construction of facilities for which plans are required to be reviewed pursuant to subsection (1) or subsection (2)(d) of this section, record plans and specifications based on information provided by the construction contractor and field observations made by the engineer or the engineer's designee depicting the actual construction of facilities performed must be submitted to the director by the engineer representing the public agency or regulated public utility, if the resultant facilities will be owned and operated by a public agency or regulated public utility, or by the design engineer or owner-designated substitute engineer if the constructed facilities will not be owned and operated by a public agency or regulated public utility. Such submittal by the professional engineer must confirm material compliance with the approved plans or disclose any material deviations therefrom. If construction does not materially deviate from the original plans and specifications previously provided to the department, the owner may have a statement to that effect prepared by a licensed professional engineer and filed with the department in lieu of submitting a complete and accurate set of record drawings.

## 8.4 Idaho Code Title 39, Chapter 36: Water Quality

Below is a copy of *portions* of the current Idaho Code Title 39, Chapter 36. To access the official code retained at the Idaho legislature's Web site, go to [www.legislature.idaho.gov/idstat/Title39/T39CH36.htm](http://www.legislature.idaho.gov/idstat/Title39/T39CH36.htm).

### TITLE 39 Health and Safety

### CHAPTER 36 Water Quality

**39-3634.COTTAGE SITE DEFINED.** “Cottage site” is defined as a state owned lot containing one (1) acre or less which is or may be leased by the state of Idaho primarily for recreational or homesite use by a lessee.

**39-3635.COTTAGE SITE LEASES – REQUIREMENTS – CONSTRUCTION OF SEWAGE DISPOSAL FACILITIES – CONNECTION TO WATER AND SEWER DISTRICT SYSTEMS – PAYMENT OF CHARGES – NOTIFICATION OF DEFAULTS – SATISFACTION OF REQUIREMENTS.** (1) After the effective date of sections 39-3634 through 39-3639, Idaho Code, all cottage site leases authorized by the state of Idaho shall require that each lessee must construct, at his cost and expense, sewage disposal facilities, certified by the director of the department of environmental quality as adequate, as follows:

- (a) For all new cottage or house construction completed after July 1, 1971 on any cottage site the certificate shall be issued prior to occupancy.
  - (b) Those cottages or houses existing on the cottage sites prior to the effective date of sections 39-3634 through 39-3639, Idaho Code, shall meet those standards required by the director of the department of environmental quality for certification within two (2) years of the effective date of sections 39-3634 through 39-3639, Idaho Code, unless a public or private sewage collection or disposal system is being planned or constructed in which case the director of the department of environmental quality may grant extensions on a year by year basis but not exceed three (3) such extensions for any one (1) cottage site.
  - (c) Isolated dwellings on sites situated on mining, grazing or other similar types of state land board leases shall not be affected unless within two hundred (200) yards of any flowing stream or a lake.
- (2) Wherever any cottage site is located within the boundaries of a district organized for water or sewer purposes, or a combination thereof, pursuant to the provisions of chapter 32, title 42, Idaho Code, as amended, the cottage site lessee shall connect his property to the sewer system of the district within sixty (60) days after written notice from the district so to do, provided, however, no cottage site lessee shall be compelled to connect his property with such sewer system unless a service line is brought by the district to a point within two hundred (200) feet of his dwelling place. All cottage site leases hereafter issued shall require, as a condition of acceptance thereof by the lessee, that the lessee will connect his

property to a district sewer system as required in this subsection (2). With respect to all cottage site leases issued subsequent to July 1, 1970, filing with the department issuing the lease of evidence of connection to the district sewer system as contemplated in this subsection (2) shall be conclusive evidence of compliance by the cottage site lessee with the requirements of subsection (1) of this section and of the provisions of the cottage site lease to provide sewage disposal facilities at the expense of the cottage site lessee. Each cottage site lessee whose cottage site is subject to connection to a district sewer system as required in this subsection (2) shall pay to the district to which the cottage site is required to be connected, in a timely manner and when due, all connection fees and charges, all monthly rates, tolls and charges, as provided by chapter 32, title 42, Idaho Code, as amended, and all special benefits payments in lieu of tax payments provided for in subsection (3) of this section.

- (3) Notwithstanding that title to a cottage site remains in the state of Idaho, each cottage site lessee shall pay to any district operating a sewer system to which the cottage site is connected as provided in subsection (2) of this section, each year in the same manner and at the same time as county taxes are paid and collected a sum of money in lieu of taxes equal to the sum which would have been paid had the cottage site been held in private ownership, hereinafter called special benefits payments. The special benefits payments shall be computed by applying the millage levy of the district to the cottage site in the ordinary course to the assessed valuation of the property as determined by the county assessor of the county in which the cottage site is located. No special benefits payments shall be imposed prior to January 1, 1980. The cottage site lessee shall have such rights of protest, hearings and appeals with respect to the valuation of the cottage site for purposes of determining the special benefits payments as if such cottage site were held in private ownership.

It shall be the duty of the county assessor to establish the value of each cottage site as compared to like property upon the request, in writing, of the district.

- (4) Each water and sewer district shall immediately notify the department issuing a cottage site lease of the failure of any cottage site lessee to connect to the district sewer system, or to pay any connection fee or charge, monthly rate, toll or charge, or any special benefits payments, all as required or provided for in subsection (3) of this section. Any such notification shall set forth the amount of any such fees, charges or payments which are delinquent.
- (5) Approval, pursuant to the provisions of section 39-118, Idaho Code, by the department of environmental quality of the plans and specifications of a sewer system to be constructed, acquired, improved or extended by a water and sewer district shall, as to all cottage sites connected to the district sewer system, satisfy the requirements of section 39-3637, Idaho Code.
- (6) The state of Idaho, its boards, agencies or departments, shall not be liable, directly or indirectly, for any connection fees and charges, monthly rates, tolls and charges, or special benefits payments charged to cottage site lessees beyond those fees or payments collected from new lessees pursuant to section 58-304A, Idaho Code, and placed in the revolving fund created by section 58-141A, Idaho Code.

**39-3636.FAILURE TO PROVIDE SEWAGE DISPOSAL – PENALTIES.** Failure to provide certified sewage disposal as provided in section 39-3635(1), Idaho Code, or failure to connect to a district sewer system or to pay, when due, any connection fee or charge, any monthly rate, toll or charge, or any special benefits payment, all as required and provided for in subsections (2) and (3) of section 39-3635, Idaho Code, shall result in the following:

- (a) Forfeiture of lease to the state of Idaho after reasonable notice and hearing, as shall be prescribed in rules to be adopted by the department issuing the lease pursuant to the applicable provisions of chapter 52, title 67, Idaho Code, as now or hereafter in force.
- (b) Loss of sewage treatment facility credit on any transfer of lease or new lease of such site after notice and hearing before the department issuing such lease.

The department issuing any cottage site lease, upon its own motion or upon receiving notice from a water and sewer district pursuant to the provisions of section 39-3635(4), Idaho Code, of the failure of a cottage site lessee to connect to a district sewer system or to pay any connection fee or charge, any monthly rate, toll or charge, or any special benefits payments, when due, is authorized to invoke either or both remedies at its discretion or may take such other action allowed by law to enforce the provisions of the lease and the requirements of section 39-3635, Idaho Code, that each cottage site lessee connect to a district sewer system and pay all fees, charges and payments when due.

**39-3637. STATE BOARD OF ENVIRONMENTAL QUALITY – RULES –**

**INSPECTION.** The state board of environmental quality shall adopt reasonable rules and standards for the installation and operation of cottage site sewage treatment facilities, and shall provide adequate inspection services so as not to delay unreasonably the construction of any lessee. Duplicate originals of all certificates issued by the director of the department of environmental quality shall be filed with the director of the department issuing a cottage site lease.

The director of the department of environmental quality shall maintain a site by site inventory of such sewage disposal systems that may exist. The inventory shall ascertain:

- (1) If the existing system meets the board standards. If the system meets all standards and rules for cottage sewage disposal systems a certificate shall be issued immediately.
- (2) If the system does not meet the board standards. In such case, the lessee shall be advised in writing of the actions necessary to meet the proper standards. A copy of such report shall be filed with the state agency granting the lease. The modifications, unless specifically exempted from the time limit, as provided in sections 39-3634 through 39-3637, Idaho Code, shall be completed within two (2) years of the date of the written notice.

**39-3638.FINAL DETERMINATION BY ISSUING DEPARTMENT AUTHORIZED.** In the event of dispute or unreasonable delay on the part of lessee or the department of environmental quality, the department issuing a cottage site lease may, upon notice and hearing, make a final determination consistent with control of water pollution and public health.

**39-3639.CONTINUATION OF COTTAGE SITE LEASE PROGRAM.** (1) The legislature of the state of Idaho recognizes that certain state lands are presently leased for cottage site uses and are

subject to leases and contracts duly authorized by law. It is legislative intent to continue to recognize such leases. However, it is also legislative intent that no new or additional lands be platted, subdivided or leased for cottage site leases, unless and until the condition and precedents listed below have been met.

- (2) No additional state lands shall be further platted or subdivided, nor any new cottage site leases entered into, unless and until the following provisions have been met:
  - (a) The department of lands shall have completed a comprehensive planning process, as to its further participation in, and extension of, the cottage site lease program;
  - (b) The department of lands shall complete a comprehensive planning process as to the extension of cottage site leasing for that immediate geographic area;
  - (c) No new cottage site leases shall be entered into unless and until an adequate water system and an adequate sewage collection and treatment system have been installed. Both of these systems shall meet applicable state health standards and rules. (i) The costs for providing these systems shall be incorporated into the annual lease rates for the newly created serviced lots, unless other specific provisions for payment have been required by the state board of land commissioners. (ii) As an alternate means of securing the necessary funds for the construction of water and sewer systems which must meet state standards and rules, the state board of land commissioners may include as a condition of the new lease the requirement that the lessee must prepay his share of the construction costs of the water and sewer system. In all cases, however, such prepayment shall be made, and adequate water and sewer systems shall be installed and in operation before such cottage sites may be inhabited.
- (3) The provisions of subsection (1) herein shall not apply to unimproved lots within cottage subdivisions in which at least eighty per cent (80%) of the lots already have cottages upon them.

## 8.5 Idaho Code Title 50, Chapter 13: Plats and Vacations

Below is a copy of *portions* of the current Idaho Code Title 50, Chapter 13: Plats and Vacations. To access the official code retained at the Idaho legislature's Web site, go to [www.legislature.idaho.gov/idstat/Title50/T50.htm](http://www.legislature.idaho.gov/idstat/Title50/T50.htm).

### TITLE 50 Municipal Corporations

### CHAPTER 13 Plats and Vacations

**50-1301. DEFINITIONS.** The following definitions shall apply to terms used in sections 50-1301 through 50-1334, Idaho Code.

1. Easement: A right of use, falling short of ownership, and usually for a certain stated purpose;
4. Monument: A physical structure or object that occupies the position of a corner;
5. Owner: The proprietor of the land, (having legal title);
6. Plat: The drawing, map or plan of a subdivision, cemetery, townsite or other tract of land, or a replatting of such, including certifications, descriptions and approvals;
12. Reference monument: A special monument that does not occupy the same geographical position as the corner itself, but whose spatial relationship to the corner is known and recorded, and which serves to witness the corner;
13. Sanitary restriction: The requirement that no building or shelter which will require a water supply facility or a sewage disposal facility for people using the premises where such building or shelter is located shall be erected until written approval is first obtained from the state board of health [and welfare] by its administrator or his delegate approving plans and specifications either for public water and/or sewage facilities, or individual parcel water and/or sewage facilities;
15. Subdivision: A tract of land divided into five (5) or more lots, parcels, or sites for the purpose of sale or building development, whether immediate or future; provided that this definition shall not include a bona fide division or partition of agricultural land for agricultural purposes. A bona fide division or partition of agricultural land for agricultural purposes shall mean the division of land into lots, all of which are five (5) acres or larger, and maintained as agricultural lands. Cities or counties may adopt their own definition of subdivision in lieu of the above definition;
16. Witness corner: A monumented point usually on a lot line or boundary line of a survey, near a corner and established in situations where it is impracticable to occupy or monument the corner.

**50-1304.ESSENTIALS OF PLATS.** All plats offered for record in any county shall be prepared in black opaque image upon stable base drafting film with a minimum base thickness of 0.003 inches, by either a photographic process using a silver image emulsion or by use of a black opaque drafting film ink, by mechanical or handwritten means. The drafting film and image thereon shall be waterproof, tear resistant, flexible, and capable of withstanding repeated handling, as well as providing archival permanence. If ink is used on drafting film, the ink surface shall be coated with a suitable substance to assure permanent legibility. The drafting film must be of a type which can be reproduced by either a photographic or diazo process. Plats shall be eighteen (18) inches by twenty-seven (27) inches in size, with a three and one-half (3 1/2) inch margin at the left end for binding and a one-half (1/2) inch margin on all other edges. No part of the drawing or certificates shall encroach upon the margins. Signatures shall be in reproducible black ink. The sheet or sheets which contain the drawing or diagram representing the survey of the subdivision shall be drawn at a scale suitable to insure the clarity of all lines, bearings and dimensions. In the event that any subdivision is of such magnitude that the drawing or diagram cannot be placed on a single sheet, serially numbered sheets shall be prepared and match lines shall be indicated on the drawing or diagram with appropriate references to other sheets. The required dedications, acknowledgements and certifications shall appear on any of the serially numbered sheets.

The plat shall show: (a) the streets and alleys, with widths and courses clearly shown; (b) each street named; (c) all lots numbered consecutively in each block, and each block lettered or numbered, provided, however, in a platted cemetery, that each block, section, district or division and each burial lot shall be designated by number or letter or name; (d) each and all lengths of the boundaries of each lot shall be shown, provided, however, in a platted cemetery, that lengths of the boundaries of each burial lot may be shown by appropriate legend; (e) the exterior boundaries shown by distance and bearing; (f) descriptions of survey monuments; (g) point of beginning with ties to at least two (2) public land survey corner monuments in one (1) or more of the sections containing the subdivision, or in lieu of public land survey corner monuments, to two (2) monuments recognized by the county surveyor; and also, if required by the city or county governing bodies, give coordinates based on the Idaho coordinate system; (h) the easements; (i) basis of bearings; and (j) subdivision name.

**50-1306.EXTRATERRITORIAL EFFECTS OF SUBDIVISION – PROPERTY WITHIN THE AREA OF CITY IMPACT – RIGHTS OF CITY TO COMMENT.** All plats situate within an officially designated area of city impact as provided for in section 67-6526, Idaho Code, shall be administered in accordance with the provisions set forth in the adopted city or county zoning and subdivision ordinances having jurisdiction. In the situation where no area of city impact has been officially adopted, the county with jurisdiction shall transmit all proposed plats situate within one (1) mile outside the limits of any incorporated city which has adopted a comprehensive plan or subdivision ordinance to said city for review and comment at least fourteen (14) days before the first official decision regarding the subdivision is to be made by the county. Items which may be considered by the city include, but are not limited to, continuity of street pattern, street widths, integrity and continuity of utility systems and drainage provisions. The city's subdivision ordinance and/or comprehensive plan shall be used as guidelines for making the comments hereby authorized. The county shall consider all comments submitted by the city. Where the one (1) mile area of impact perimeter of two (2) cities overlaps, both cities shall be notified and allowed to submit comments.

**50-1306A.VACATION OF PLATS – PROCEDURE.** (1) Any person, persons, firm, association, corporation or other legally recognized form of business desiring to vacate a plat or any part thereof which is inside or within one (1) mile of the boundaries of any city must petition the city council to

vacate. Such petition shall set forth particular circumstances of the requests to vacate; contain a legal description of the platted area or property to be vacated; the names of the persons affected thereby, and said petition shall be filed with the city clerk.

- (2) Written notice of public hearing on said petition shall be given, by certified mail with return receipt, at least ten (10) days prior to the date of public hearing to all property owners within three hundred (300) feet of the boundaries of the area described in the petition. Such notice of public hearing shall also be published once a week for two (2) successive weeks in the official newspaper of the city, the last of which shall be not less than seven (7) days prior to the date of said hearing; provided, however, that in a proceeding as to the vacation of all or a portion of a cemetery plat where there has been no interment, or in the case of a cemetery being within three hundred (300) feet of another plat for which a vacation is sought, publication of the notice of hearing shall be the only required notice as to the property owners in the cemetery.
- (4) When the platted area lies more than one (1) mile beyond the city limits, the procedures set forth herein shall be followed with the county commissioners of the county wherein the property lies. The county commissioners shall have authority, comparable to the city council, to grant the vacation, provided, however, when the platted area lies beyond one (1) mile of the city limits, but adjacent to a platted area within one (1) mile of the city, consent of the city council of the affected city shall be necessary in granting any vacation by the county commissioners.
- (5) In the case of easements granted for gas, sewer, water, telephone, cable television, power, drainage, and slope purposes, public notice of intent to vacate is not required. Vacation of these easements shall occur upon the recording of the new or amended plat, provided that all affected easement holders have been notified by certified mail, return receipt requested, of the proposed vacation and have agreed to the same in writing.
- (7) All publication costs shall be at the expense of the petitioner.
- (9) Land exclusive of public right-of-way that has been subdivided and platted in accordance with this chapter need not be vacated in order to be replatted.

**50-1315.EXISTING PLATS VALIDATED.** None of the provisions of sections 50-1301 through 50-1325, Idaho Code, shall be construed to require replatting in any case where plats have been made and recorded in pursuance of any law heretofore in force; and all plats heretofore filed for record and not subsequently vacated are hereby declared valid, notwithstanding irregularities and omissions in manner of form of acknowledgment or certificate. Provided, however:

- (1) When plats have been accepted and recorded for a period of five (5) years and said plats include public streets that were never laid out and constructed to the standards of the appropriate public highway agency, said public street may be classified as public right of way; and
- (2) Public rights of way for vehicular traffic included in plats which would not conform to current highway standards of the appropriate public highway agency regarding alignments and access locations which, if developed, would result in an unsafe traffic condition, shall

be modified or reconfigured in order to meet current standards before access permits to the public right of way are issued.

**50-1324.RECORDING VACATIONS.** (1) Before a vacation of a plat can be recorded, the county treasurer must certify that all taxes due are paid and such certification is recorded as part of the records of the vacation. The treasurer shall withhold the certification only when property taxes are due, but not paid.

(2) Upon payment of the appropriate fee therefor, the county recorder of each county shall index and record, in the same manner as other instruments affecting the title to real property, a certified copy of each ordinance, resolution or order by which any lot, tract, public street, public right of way, private road, easement, common, plat or any part thereof has been vacated. Such certification shall be by the officer having custody of the original document and shall certify that the copy is a full, true and correct copy of the original.

**50-1325.EASEMENTS – VACATION OF.** Easements shall be vacated in the same manner as streets.

**50-1326.ALL PLATS TO BEAR A SANITARY RESTRICTION** – Submission of plans and specifications of water and sewage systems to state department of environmental quality – Removal or reimposition of sanitary restriction. For the purposes of sections 50-1326 through 50-1329, Idaho Code, any plat of a subdivision filed in accordance with chapter 13, title 50, Idaho Code, or in accordance with county ordinances adopted pursuant to chapter 38, title 31, Idaho Code, shall be subject to the sanitary restriction. There shall be placed upon the face of every plat prior to it being recorded by the county clerk and recorder, the sanitary restriction, except such sanitary restriction may be omitted from the plat, or if it appears on the plat, may be indorsed by the county clerk and recorder as sanitary restriction satisfied, when there is recorded at the time of the filing of the plat, or at any time subsequent thereto, a duly acknowledged certificate of approval issued by the director of the department of environmental quality, for either public water and/or public sewer facilities, or individual water and/or sewage facilities for the particular land. The owner shall have the obligation of submitting to the director all information necessary concerning the proposed facilities referred to. Such certificate of approval may be issued for the subdivision or any portion thereof. Until the sanitary restrictions have been satisfied by the filing of said certificate of approval, no owner shall construct any building or shelter on said premises which necessitates the supplying of water or sewage facilities for persons using such premises. The sanitary restrictions shall be reimposed on the plat upon the issuance of a certificate of disapproval after notice to the responsible party and an opportunity to appeal, if construction is not in compliance with approved plans and specifications, or the facilities do not substantially comply with regulatory standards in effect at the time of facility construction.

**50-1327.FILING OR RECORDING OF NONCOMPLYING MAP OR PLAT**

**PROHIBITED.** No person shall offer for recording, or cause to be recorded, a plat not containing a sanitary restriction, unless there is submitted for record at the same time the certificate of approval from the director of the department of environmental quality as required in section 50-1326, Idaho Code. The filing and recording of a noncomplying plat shall in no way invalidate a title conveyed thereunder.

**50-1328.RULES FOR THE ADMINISTRATION AND ENFORCEMENT OF SANITARY RESTRICTION.** The state board of environmental quality may adopt rules pursuant to section 39-107(8), Idaho Code, including adoption of sanitary standards necessary for administration and enforcement, pursuant to section 39-108, Idaho Code, of sections 50-1326 through 50-1329, Idaho Code. The rules and standards shall provide the basis for approving subdivision plats for various types of water and sewage facilities, both public and individual, and may be related to size of lots, contour of land, porosity of soil, ground water level, pollution of water, type of construction of water and sewage facilities, and other factors for the protection of the public health or the environment.

**50-1329.VIOLATION A MISDEMEANOR.** Any person, firm or corporation who constructs, or causes to be constructed, a building or shelter prior to the satisfaction of the sanitary restriction, or who installs or causes to be installed water and sewer facilities thereon prior to the issuance of a certificate of approval by the director of the department of environmental quality, shall be guilty of a misdemeanor. Each and every day that such activities are carried on in violation of this section shall constitute a separate and distinct offense.

**50-1334.REVIEW OF WATER SYSTEMS ENCOMPASSED BY PLATS.** Whenever any plat is subject to the terms and requirements of sections 50-1326 through 50-1329, Idaho Code, no person shall offer for recording, or cause to be recorded, a plat unless he or she shall have certified that at least one (1) of the following is the case:

- (1) The individual lots described in the plat will not be served by any water system common to one (1) or more of the lots, but will be served by individual wells.
- (2) All of the lots in the plat will be eligible to receive water service from an existing water system, be the water system municipal, a water district, a public utility subject to the regulation of the Idaho public utilities commission, or a mutual or nonprofit water company, and the existing water distribution system has agreed in writing to serve all of the lots in the subdivision.
- (3) If a new water system will come into being to serve the subdivision, that it has or will have sufficient contributed capital to allow the water system's wells, springboxes, reservoirs and mains to be constructed to provide service without further connection charges or fees to the landowners of the lots, except for connection of laterals, meters or other plant exclusively for the lot owner's own use.

Failure to comply with this section is a misdemeanor subject to the provisions of section 50-1329, Idaho Code. The certification must be filed or recorded as part of the plat document preserved for public inspection. Property owners in the area encompassed by the plat will be entitled to the benefits of the third provision of this section when that option is chosen.

## 8.6 Total Nitrogen Reduction Policy

Onsite wastewater systems that qualify as Best Practical Methods (BPM) for the targeted nitrogen reduction amount appear in Table 8-1. Areas of concern, such as nitrate priority areas, areas with shallow soils over bedrock, or a shallow depth to ground water, may be required to use one of these BPMs to reduce the development's or home's environmental impact. Values listed in the Total nitrogen (TN) column should not be exceeded in order to assure that the required TN reduction percentage is attained. These TN values may be used in Nutrient – Pathogen (NP) Studies to evaluate impacts on ground water resources.

**Table 8-1. Best Practical Methods for Onsite Wastewater Systems**

Best Practical Method	% Total Nitrate <sup>a</sup> Reduction	Total Nitrate <sup>a</sup> (mg/L)	Minimum Source Water Alkalinity <sup>b</sup>	O&M Provider
Intermittent Sand Filters (ISF)	15% <sup>c</sup>	38	108 mg/L	Property Owner
Recirculating Gravel Filters (RGF)	40% <sup>c</sup>	27	189 mg/L	Property Owner
<b>Extended Treatment Package Systems (ETPS)</b>				
Busse Innovative Systeme GmbH – MF-B-400	30%	32	156 mg/L	Non-Profit O&M Corp.
Delta – Ecopod	30%	32	156 mg/L	Non-Profit O&M Corp.
Delta – Whitewater	30%	32	156 mg/L	Non-Profit O&M Corp.
Nayadic	30%	32	156 mg/L	Non-Profit O&M Corp.
Norweco – Singulair	30%	32	156 mg/L	Non-Profit O&M Corp.
Norweco – Singulair TNT	30%	32	156 mg/L	Non-Profit O&M Corp.
Southern Manufacturing	30%	32	156 mg/L	Non-Profit O&M Corp.
Jet Inc.	32% <sup>d</sup>	31	163 mg/L	Non-Profit O&M Corp.
<b>Recirculating ETPS</b>				
Advantex by OSI	65% <sup>e</sup>	16	269 mg/L	Non-Profit O&M Corp.
BioMicrobics	65% <sup>f</sup>	16	269 mg/L	Non-Profit O&M Corp.

<sup>a</sup> Quantifiable values (mg/L) will indicate compliance with the Qualitative TN Reduction limit expressed as a percentage (%) reduction.

<sup>b</sup> Minimum recommended source water alkalinity to support nitrification in the denitrification process. Use of water softeners is not recommended due to potentially detrimental effects on the biological processes.

<sup>c</sup> Literature Value

<sup>d</sup> Idaho Testing

<sup>e</sup> 3<sup>rd</sup> party (ETV)

<sup>f</sup> NSF data