

SECTION 22 – WASTEWATER

A. Standards

1. The Wastewater Disposal System for all lots and tracts shall be in compliance with all state and County laws and regulations. (reloc. 7-12-05; am. 4-4-06)
2. Wastewater Disposal Systems shall be designed to minimize or eliminate: (reloc. 7-12-05; am. 4-4-06)
 - a. infiltration of flood waters into the systems; and
 - b. discharge from the systems into flood water.
3. Individual Sewage Disposal Systems shall be in compliance with the Individual Sewage Disposal System Regulation of Jefferson County. (orig. 4-4-06)

B. Central Public Wastewater Disposal System Report

1. Preparation
 - a. The Central Public Wastewater Disposal System Report shall be prepared and signed by an authorized agent of the public sanitation district. (orig. 4-4-06)
 - b. The public sanitation district shall be operating in compliance with Colorado State and Jefferson County regulations or have received approval of a service plan in accordance with Section 32-1-201, et. seq., C.R.S., and approval for site location in accordance with Section 30-28-110(1) and (2), C.R.S. (am. 4-4-06)
2. Content
 - a. Proof that the proposed development is within the boundaries of the public sanitation district, has a contract with the district or will be included within the district boundaries in accordance with Section 32-1-401 et. seq., C.R.S. (reloc. 7-12-05; am. 4-4-06)
 - b. An agreement from the public sanitation district that the district will, pursuant to their rules and regulations, transport and/or treat the effluent. (reloc. 7-12-05; am. 4-4-06)
 - c. Proof that the system has or will have adequate capacity to transport the effluent. (reloc. 7-12-05)
 - d. Proof that the treatment facility has or will have adequate capacity to treat the effluent. If expansion is proposed, the Report must contain expansion plans in accordance with Section 25-8-702 et. seq., C.R.S. (reloc. 7-12-05; am. 4-4-06)
3. Approval

The Central Public Wastewater Disposal System Report shall be approved by the Jefferson County Department of Health and Environment. (orig. 4-4-06)

C. Central Private Wastewater Disposal System Report

1. Preparation
 - a. The private sanitation company shall be operating or have approval to operate in compliance with Colorado State and Jefferson County regulations.: (reloc. 7-12-05; am/ 4-4-06)

- b. The Central Private Wastewater Disposal System Report shall be prepared and signed by an authorized agent of the private sanitation district. (orig. 4-4-06)

2. Content

- a. Proof that the proposed development is within the service area of the company. (reloc. 7-12-05; am. 4-4-06)
- b. An agreement from the private sanitation company that the company will, pursuant to their rules and regulations, transport and treat the effluent. (reloc. 7-12-05; am. 4-4-06)
- c. Proof that the system has or will have adequate capacity to transport the effluent. (reloc. 7-12-05; am. 4-4-06)
- d. Proof that the treatment facility has or will have adequate capacity to treat the effluent. If expansion is proposed, the Report must contain expansion plans in accordance with Section 25-8-702, C.R.S. (reloc. 7-12-05; am. 4-4-06)

3. Approval

The Central Private Wastewater Disposal System Report shall be approved by the Jefferson County Department of Health and Environment. (orig. 4-4-06)

D. Onsite Wastewater Report

1. Preparation

- a. The Onsite Wastewater Report shall be prepared by a professional engineer, registered in the State of Colorado.
- b. The Onsite Wastewater Report shall be prepared in accordance with the Jefferson County Department of Health and Environment's Individual Sewage Disposal System Regulations and the regulations of this section. (orig. 4-4-06)
- c. If a permit for an existing Individual Sewage Disposal System was issued, the applicant must submit a copy of the permit. The Jefferson County Department of Health and Environment shall review the permit and shall determine if the Onsite Wastewater Report is required. (orig. 4-4-06)

2. Content

- a. Calculation of Daily Sewage Flow Rates in accordance with the Individual Sewage Disposal System Regulations. (orig. 4-4-06)
- b. Soil Profile Tests: A minimum of one (1) soil profile test hole per every 5 sites is required and shall be so located as to ensure representative test data for the entire proposed development. Proposed developments with less than 5 lots shall have a minimum of one (1) representative test hole, unless subject to the following requirement. Proposed developments with lots less than 5 acres in size utilizing individual wells shall have a test hole for each lot less than 5 acres and shall meet all requirements of the Individual Sewage Disposal System Regulations of Jefferson County. Graphic illustrations to a minimum depth of 8 feet shall be prepared for test hole profiles. (reloc. 7-12-05; am. 4-4-06)
- c. Percolation tests and results shall be prepared in accordance with the Jefferson County Department of Health and Environment regulations and include the following: (reloc. 7-12-05; am. 4-4-06)
 - (1) The number and approximate location of percolation holes. (reloc. 7-12-05)

- (2) A minimum of one (1) percolation hole per every 5 sites is required and shall be so located as to ensure representative test data for the entire proposed development. Proposed developments with less than 5 lots shall have a minimum of one (1) representative percolation hole unless subject to the following requirement. Proposed developments with lots less than 5 acres in size, utilizing individual wells, shall have complete percolation test data as required by the Jefferson County Department of Health and Environment for each lot less than 5 acres. (reloc. 7-12-05; am. 4-4-06)
 - (3) The diameter and depth of each percolation hole. (reloc. 7-12-05)
 - (4) The percolation rate recorded as minutes per inch. (reloc. 7-12-05)
 - (5) A copy of the field notes indicating all pertinent data obtained in conducting these tests. (reloc. 7-12-05)
- d. The date the fieldwork was performed and a list of references and other supportive data used. (orig. 4-4-06)

3. Approval

The Onsite Wastewater Report shall be approved by the Jefferson County Department of Health and Environment. (orig. 4-4-06)

E. Central Wastewater Disposal System Plans

1. Preparation

- a. Central Wastewater Disposal System Plans shall be prepared pursuant to the direction of the applicable service authority. (am. 7-12-05; am. 4-4-06)
- b. The Central Wastewater Disposal System Plan(s) shall be prepared and signed by a professional engineer, registered in the State of Colorado and qualified in the field of civil engineering. (orig. 4-4-06)

2. Content

The entity/entities that will implement the plan, construct required improvements, and be responsible for the maintenance of the improvements and appropriate easements. (am. 7-12-05; am. 4-4-06)

3 Approval

The Central Wastewater Disposal System Plans shall be approved by the applicable service authority. (reloc. 7-12-05; am. 4-4-06)