

Ohio EPA Policy	Design Criteria; Sewers/Well Fields	
DSW-0400.019 Removed	Statutory reference: Rule reference:	Ohio EPA, Division of Surface Water Revision 0, August 1, 1988 Removed, April 30, 2003
THIS POLICY DOES NOT HAVE THE FORCE OF LAW Pursuant to Section 3745.30 of the Revised Code, this policy was reviewed and removed.		

This policy does not meet the definition of policy contained in Section 3745.30 of the Ohio Revised Code. Ohio EPA is removing this document from the Division of Surface Water Policy Manual and is considering addressing this topic in a future rulemaking.

For more information contact:

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ISSUED: 8-1-88
STATUS: FINAL
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Design Criteria; Sewers/Well Field

PURPOSE: To provide design criteria for sewer/well fields

POLICY: The following requirements are to be applied to gravity sewers in well field areas.

1. All sanitary sewers shall be constructed using pipe which has been approved for sanitary sewers, which shall be tested as noted below.
2. All sanitary sewers and manholes shall be pressure tested before being finally accepted after final backfill has been placed and consolidated in accordance with the following specific tests for the specified type well field area. Results of these tests shall be submitted to the appropriate district office and the Grants Program, if applicable.

Case A

Area within 300 feet of any well serving a community public water system.

1. All sewer pipe (except service laterals) in this type well field area shall be pressure tested between manholes located outside the well field area at 150 psi for five minutes after all air has been expelled from the test section and after absorption and pressure stabilization has been achieved. Service laterals shall be tested to comply with plumbing code requirements.
2. No manholes are permitted within this type of well field.
3. Manholes located outside this type well field area at the end of a sewer pipe test section shall be tested by filling with water to the top of the risers and exfiltration shall not exceed 0.1 gallons/hour/ft. diameter/ft. head.

Case B

Area within a radius of up to 300 feet for all wells serving a non-community type public water system with 25 or more people or 15 or more services. Radius shall be 100 feet for wells capable of pumping up to 10,000 gallons per day and vary linearly upward to 300 feet for wells capable of pumping 50,000 gallons per day.

1. All sewer pipe (except service laterals) in this type well field area shall be pressure tested between manholes located outside the well field area at 50 psi for five minutes after all air has been expelled from the test section and after absorption and pressure stabilization has been achieved. Service laterals shall be tested to comply with plumbing code requirements.

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2. No manholes are permitted within this type well field.
3. Manholes located outside this type well field area at the end of a sewer pipe test section shall be tested by filling with water to the top of risers and exfiltration shall not exceed 0.1 gallons/hour/ft. diameter/ft. head.

Case C

Area within a radius of 50 feet from any private well serving less than 25 people or less than 15 services.

1. All sewer pipe (except service laterals) in this type well field area shall be pressure tested between manholes located outside the well field area at 10 psi for five minutes after all air has been expelled from the test section and after absorption and pressure stabilization has been achieved. Service laterals shall be tested to comply with plumbing code requirements.
2. Manholes will be permitted in this type well field area provided they are tested by filling with water to the top of risers and exfiltration not exceed 0.1 gallons/hour/ft. diameter/ft. head.
3. Manholes located outside this type well field area at the end of a sewer pipe test section shall be tested by filling with water to the top of risers and exfiltrations shall not exceed 0.1 gallons/hour/ft. diameter/ft. head.