

Excerpts from

[Areawide Water Quality Management Plan for the Miami Valley](#)

11.1 PRESCRIPTIONS

In the State WQM Plan and Areawide 208 Plans, specific prescriptions can be associated with a defined Facility Planning Area and DMA who is responsible for wastewater planning, construction, operation and maintenance. Specific prescriptions are utilized to set limits on wastewater infrastructure development. When proposed sewer and/or treatment plant projects are in conflict with the prescriptions, NPDES permit and permit-to-install applications will be denied by the Ohio EPA until the application is amended to achieve consistency and/or the 208 Plan is amended.

Generic prescriptions provided in the State WQMP that are described in Section 3.2.7 of this Plan continue to apply to the Miami Valley Region planning area.

Specific Prescriptive Actions assigned by Greene County are included in Appendix E.

3.2.7 Generic Wastewater Collection and Treatment Prescriptions

A key element in 208 Water Quality Management Planning is the development of a list of **Prescriptive Actions**. In Ohio EPA's *"New Water Quality Management Plan Framework,"* the following definition is provided: "**Prescriptions for wastewater treatment** - The wastewater management option(s) agreed upon by local communities and the agency responsible for the 208 plan and included in the 208 plan. Prescriptions should be based upon up-to-date planning information and represent current judgments about: when and where central sewer service will be provided within a defined geographic area; through what means; and by which management agency(ies)."

In the State WQM Plan and Areawide 208 Plans, specific prescriptions can be associated with a defined Facility Planning Area and DMA who is responsible for wastewater planning, construction, operation and maintenance. Specific prescriptions are utilized to set limits on wastewater infrastructure development. When proposed sewer and/or treatment plant projects are in conflict with the prescriptions, NPDES permit and permit-to-install applications will be denied by the Ohio EPA until the application is amended to achieve consistency or the 208 Plan is amended.

Generic prescriptions presented in the State's Plan were developed to reflect existing legal authorities and responsibilities regarding wastewater treatment and collection under State laws and regulations. The following generic prescriptions in the State WQM Plan apply to the Miami Valley Region:

New Wastewater Discharge Systems and Sewer Service Extensions

All NPDES dischargers are required to meet water quality standards. New dischargers are required to utilize best available technology. (Generic prescription #1)

All municipal MAs with home rule powers are responsible for sewage collection and treatment within their respective corporate boundaries. Such service may be provided by the management agency or through contracting for such services. Sewer service may be extended to annexed land, and to areas beyond the corporate boundaries, provided the management agency has the capacity to adequately collect and treat all wastewater under the terms of its NPDES permit. When the proposed extension is beyond the corporate boundaries and within a sewer district established under ORC 6119 or 6117, and the land is not annexed, the extension of sewer service will be evaluated on a case by case basis. (Generic prescription #2)

The Ohio EPA will only approve the installation of new wastewater collection and treatment system to serve a new or existing housing development if the applicant has submitted an acceptable plan documenting how the system will be managed, maintained and operated. (Generic prescription #9)

On-Lot Sewage Treatment and Home Sewage Treatment Systems

The construction of new, or the replacement of existing, sewage treatment systems or non-discharging on-lot sewage treatment systems for semi-public, private, or industrial entities is not permitted where a public sewer is available. These facilities may be permitted where sewers are not available with the condition that they will be required to tap in when public sewers become available. (Generic prescription #3)

New or replacement home sewage treatment systems (HSTS) are not permitted in areas where a public sewer is available. Where sewers are not available new or replacement HSTS may be permitted if applicable sanitary codes are administered by the County Health Department or local health department are followed and with the condition that the HSTS will be required to tap in when public sewers become available. (Generic prescription #4)

Where sewers are not available, on-lot sewage treatment systems for semi-public, private or industrial entities may be installed if permitted by the Ohio EPA or, if the county health department has permitting authority for small systems (less than 1,000 gallons per day), permitted by the County Health Department. (Generic prescription #6)

The County Commissioners (or a sewer district under ORC 6119) are responsible for sewage collection and treatment in unincorporated communities. Where sewers are not available, approval of individual home sewage treatment systems (HSTS) is the responsibility of the County Health Department or local health department. (Generic prescription #5)

Unsanitary Conditions

When unsanitary conditions exist in unincorporated areas, the Ohio EPA may require that the County Commissioners fix the problem. If unsanitary conditions occur within an area where a sewer district has been organized under ORC 6119, the Ohio EPA may require the sewer district to eliminate unsanitary conditions. (Generic prescriptions #7 and 8)

E.1 GREENE COUNTY PRESCRIPTIONS

This section summarizes specific actions that have been prescribed for Greene County.

E.6.1 Greene County Prescriptions

Greene-P1: New sewer connections or treatment capacity are permitted only in areas both within the defined Facility Planning Area and the Urban Service Boundary as depicted on the associated map. Facility Planning Area (FPA) boundaries are maintained by the Miami Valley Regional Planning Commission (MVRPC), and are updated according to a process defined in the Areawide Wastewater Facility Planning Policies, passed by the Board of Directors of MVRPC on September 1, 2005. The Greene County Urban Service Boundary (USB) is maintained by the Greene County Regional Planning and Coordinating Commission (RPCC), and is updated by a resolution of the Commission members. MVRPC will maintain the maps resulting from the overlay of the FPA and USB, as listed in this table. The presence of unsanitary conditions, as indicated by an Ohio EPA order under ORC § 6117.34 and/or an order of a Board of Health under ORC § 3707.01, is the single exception to this rule.

Greene-P2:

- Within the Urban Service Boundary (USB): The construction of new, or the replacement of existing, sewage treatment systems or non-discharging on-lot sewage treatment systems for semi-public, private, or industrial entities inside the USB shall not be permitted where a public sewer is available. Such facilities may be permitted where sewers are not available, on the condition that they will be required to tap in when public sewers become available.
- Outside of the USB: This plan presumes sewers are not available outside the USB. The construction of new, or the replacement of existing, sewage treatment systems or non-discharging on-lot sewage treatment systems for semi-public, private, or industrial entities may be permitted where sewers are not available, subject to applicable sanitary codes administered by the County Board of Health and the following condition: In the event of an USB expansion and subsequent sewer availability, such facilities may be required to tap in. Property owners are advised to assess the likelihood of such events when evaluating wastewater infrastructure investments.

Greene-P3:

- Within the Urban Service Boundary (USB): New or replacement household sewage treatment systems (HSTS) inside the USB shall not be permitted where a public sewer is available. Where sewers are not available new or replacement HSTS may be permitted if applicable sanitary codes administered by the County health department or local health department are followed, on the condition that the HSTS will be required to tap in when public sewers become available.
- Outside of the USB: This plan presumes sewers are not available outside the USB. New or replacement household sewage treatment systems (HSTS) may be permitted where

sewers are not available subject to applicable sanitary codes administered by the County Board of Health and the following condition: In the event of an USB expansion and subsequent sewer availability, such facilities may be required to tap in. Property owners are advised to assess the likelihood of such events when evaluating wastewater infrastructure investments.

Greene-P4: The Greater Greene Little Miami Sewer District, organized under ORC Chapter 6117 in 1964, includes all unincorporated areas of Greene County plus the incorporated areas of Beavercreek, Bellbrook, Cedarville, Clifton, Kettering (Greene County portion) and Spring Valley. These incorporated communities have ceded their wastewater authority to the Greater Greene Little Miami Sewer District.

Greene-P5: The Village of Clifton has a package treatment facility that was put in place in 1994, and acquired by Greene County in 1998. The facility serves wastewater connections in both Greene and Clark Counties, within and outside the corporate boundary of the Village. On or about December 31, 1996 Clark and Greene Counties entered into a sewer service agreement under which the Greater Greene Little Miami Sewer District is the responsible authority for wastewater planning, operation and maintenance. The Greene County portion of the Village of Clifton does not lie within the Urban Service Boundary established under *Perspectives 2020*; wastewater services were established in response to a localized public health concern. This Greene County 208 Update hereby recognizes the above-referenced 1996 agreement between Clark and Greene Counties and the terms therein regarding operation, maintenance, repair and enlargement of the Clifton sewerage system (Section 1). New sewer connections or treatment capacity are permitted only in areas within the defined Facility Planning Area for Clifton, as depicted in the associated FPA map (MVRPC-25c).

Greene-P6: The Village of Bowersville has an established Facility Planning Area (FPA) from the original Areawide Water Quality Management Plan from 1982; however, to date the Village has not provided centralized wastewater treatment services. As of this plan update no area within the Bowersville FPA lies within the Greene County Urban Service Boundary. Any future plan to begin centralized wastewater collection and/or treatment within the Bowersville FPA for any reason other than unsanitary conditions as indicated by an Ohio EPA order under ORC § 6117.34 or an order of a Board of Health under ORC § 3707.01 would require revision of the USB to add the affected areas within the Bowersville FPA.