



MEMORANDUM

March 24, 2023

From: MVRPC Staff

To: MVRPC Board of Directors and Technical Advisory Committee

Subject: Proposed Amendments to the Areawide Water Quality Management Plan

Resulting from MVRPC's State Fiscal Year 2023 contract with Ohio EPA for water quality planning assistance and from requests by MVRPC member jurisdictions, this staff-proposed amendment to the Areawide Water Quality Management Plan (AWQMP) includes four elements. There are two text updates to the plan: a complete update to Chapters 5 and 6, combining them into a new single chapter on non-point source programs, and a review and update of Chapter 10 regarding wastewater treatment planning. Also there are two Facility Planning Area (FPA) updates: a significant update to the Piqua FPA and a minor update to the boundary between the Tri-Cities and Fairborn FPAs. This memo addresses each item in the order listed.

Updates to the AWQMP are subject to review by the Areawide Facility Planning Subcommittee, the MVRPC Technical Advisory Committee and the review and approval of the MVRPC Board of Directors.

Item 1: Non-point Source Programs chapter. As a part of the planned work under the MVRPC water quality planning assistance contract with Ohio EPA, MVRPC staff undertook a complete review of two chapters of the AWQMP addressing programs for storm water management and agricultural impacts. The existing text was last updated as a part of the 2011 complete update, and lacked reference to the current Ohio EPA Non-Point Source Management Plan, watershed planning approach, and currently available funding streams. The chapter consolidates information about past watershed planning efforts and adds in information about the current approach – Non-Point Source Implementation Strategies, also known as 9 Element Plans. The chapter updates Agricultural Census data and includes current funding streams, particularly H2Ohio.

Item 2: Wastewater Treatment Planning Chapter (Chapter 10). This chapter was reviewed and updated to incorporate changes resulting from amendments to the AWQMP since the 2011 update. Additional data regarding county sewer districts (ORC sections 6117 and 6119) was added to provide more detail about the legal structures and locations where sanitary sewers are provided across the region. An updated list of satellite agreements is also included. The chapter provides a more detailed description of the Permit-to-Install review process used by staff to determine if proposed projects are consistent with the AWQMP. In addition, a data analysis of treatment plant flow data was conducted and included by reference into this chapter as a tool for consideration of PTI and FPA boundary updates. The complete Flow Data Review



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is available for review and comment and is proposed to be incorporated into the AWQMP as new Appendix S.

Item 3: FPA Updates Requested by the City of Piqua. In march of 2023, the City of Piqua submitted a request to update the southern boundary of its FPA to include areas recently annexed to the City. This proposed change alters (reduces) the size of the Troy FPA, which is contiguous to the Piqua FPA, and includes more areas of Washington Township that were not annexed to the City.

The recently annexed parcels have been zoned for heavy industrial land use. Piqua, in the FPA update submission shared information about the anticipated timing for development in this area (5 to 10 years) and a recent update to the city's EPA approved industrial Pre-Treatment Program. Piqua proposes to treat all expected flows at their current wastewater treatment facility (WWTF). The Piqua WWTF was upgraded to a design flow of 8.7 million gallons per day in 2018, and the city state it has sufficient available capacity to serve expected flows from the development in this area.

MVRPC staff has requested specific comment from the neighboring/affected jurisdictions of Washington Township, City of Troy, and Village of Covington regarding this proposed change. Other than letters of support, MVRPC staff has determined that the submission from Piqua requesting the updated FPA is complete. Piqua's submission and a map of the proposed FPA boundary are attached.

Item 4: minor FPA Boundary Adjustment for Tri-Cities/Fairborn. A single parcel located at 9500 Adams Road in Bath Township was included in the Tri-Cities FPA because at one time the parcel had annexed to the City of Huber Heights for the purposes of receiving drinking water. The property was never served by sanitary sewer. In subsequent years the parcel has detached from the city and returned to Bath Township. All parcels east and west of this private residence are currently included in the Fairborn FPA. MVRPC is not aware of any plans or need to serve these properties with sanitary sewer, but if the need were to arise, it would be logical for all homes to be within the same FPA. This minor boundary adjustment is proposed to correct for the change in status for the single Greene County parcel. A map of the proposed update is attached.

RECOMMENDATION

MVRPC staff recommends the amendment be approved as presented.