



August 1, 2016

Mr. Matthew Lindsay
Manager, Environmental Planning
MVRPC
One South Main Street, Suite 260
Dayton, OH 45402

RE: Facility Planning Area Modification Request (City of Dayton)

Mr. Lindsay:

The City of Dayton is formally requesting an Amendment to the area wide Water Quality Management Plan administered by the MVRPC. More specifically, a modification to the Facility Planning Area (FPA) for Dayton's Water Reclamation Facility (WRF) is requested. The City of Dayton WRF is a regional facility and consists of the largest FPA in the MVRPC jurisdiction and has capacity to accept wastewater discharge from additional planning areas.

This request consists of modifying Dayton's FPA to include the Dayton International Airport (DIA) and all properties owned by the City of Dayton in the vicinity of the DIA. Currently, wastewater from the DIA is conveyed to both Tri-Cities Wastewater Treatment Plant and the City of Dayton WRF. The DIA has more than 600 acres of land readily available for mixed use development and attracts potential investors but wastewater service continues to be a challenge if served by the Tri-Cities Wastewater Treatment Plant.

Attached please find an exhibit that consists of the proposed changes to the existing FPA boundaries and supplemental/summary information to support this request. Please note that the entire area owned and operated by the DIA is proposed to be conveyed to the City of Dayton WRF. Dayton's WRF has a design average daily flow capacity of 72 MGD. Current average daily flows consist of only 60% of the design average daily flow capacity. The available 40% capacity is far more than adequate to support this FPA modification.

Sincerely,

Michael Powell, Interim Director
Department of Water

c: Tammi L. Clements, Deputy City Manager
Terry Slaybaugh, Director of Aviation
Aaron Zonin, PE Acting Deputy Director of Water
Chris Clark, Manager of Water Reclamation

Enclosure

DAYTON WATER RECLAMATION FACILITY

The City of Dayton WRF is a regional facility. Dayton has the largest FPA in the MVRPC jurisdiction and has invested well over \$100,000,000 in the last two decades to insure the facility can serve the existing FPA. We also are in the process of awarding a professional service contract to develop a formal Facility Master Plan that will support the City of Dayton and the Greater Dayton Region. The table below lists the Dayton WRF actual flow recorded and the plant design capabilities.

Description	Flow (MGD)
2015 Annual Average Flow	45.99
Annual Last 12 Month Flow (ending 5/2016)	46.74
Design Average Daily Flow	72.00
Design Maximum Day Flow	150.00

DAYTON WASTEWATER COLLECTION SYSTEM

In 2008 the City of Dayton and Montgomery County completed a Sanitary Sewer Master Plan. Dayton continues to invest into the sanitary sewer infrastructure that would convey wastewater from the DIA and ultimately be treated by the Dayton WRF. A parallel intercepting sewer is currently in the design phase and additional master planned projects are proposed that support this proposed change to the FPA.

SUMMARY INFORMATION

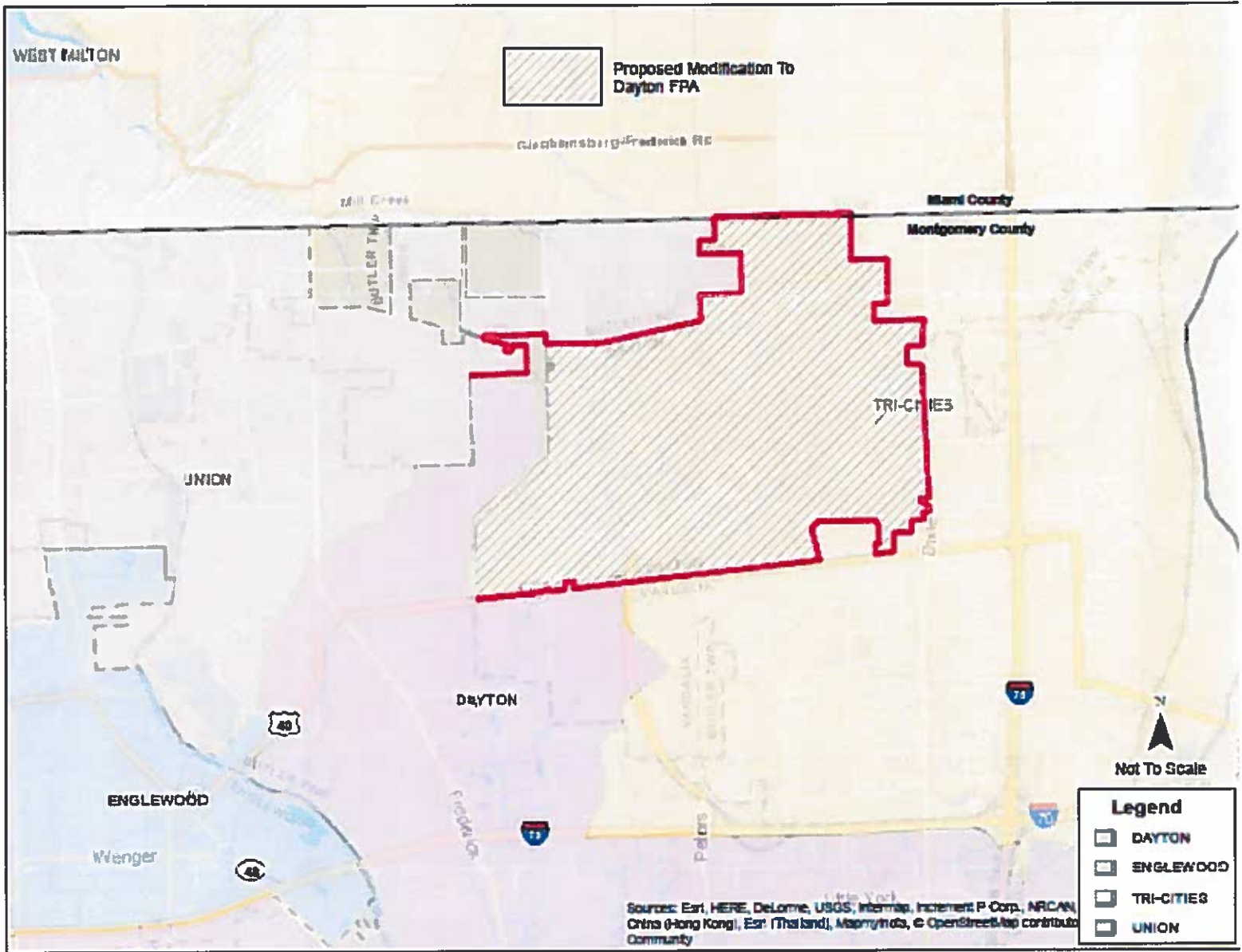


Exhibit A - Proposed Modifications to Dayton's Existing FPA

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