



# The 2008 Amendments to the Areawide Water Quality Management Plan

## MVRPC's Water Quality Planning

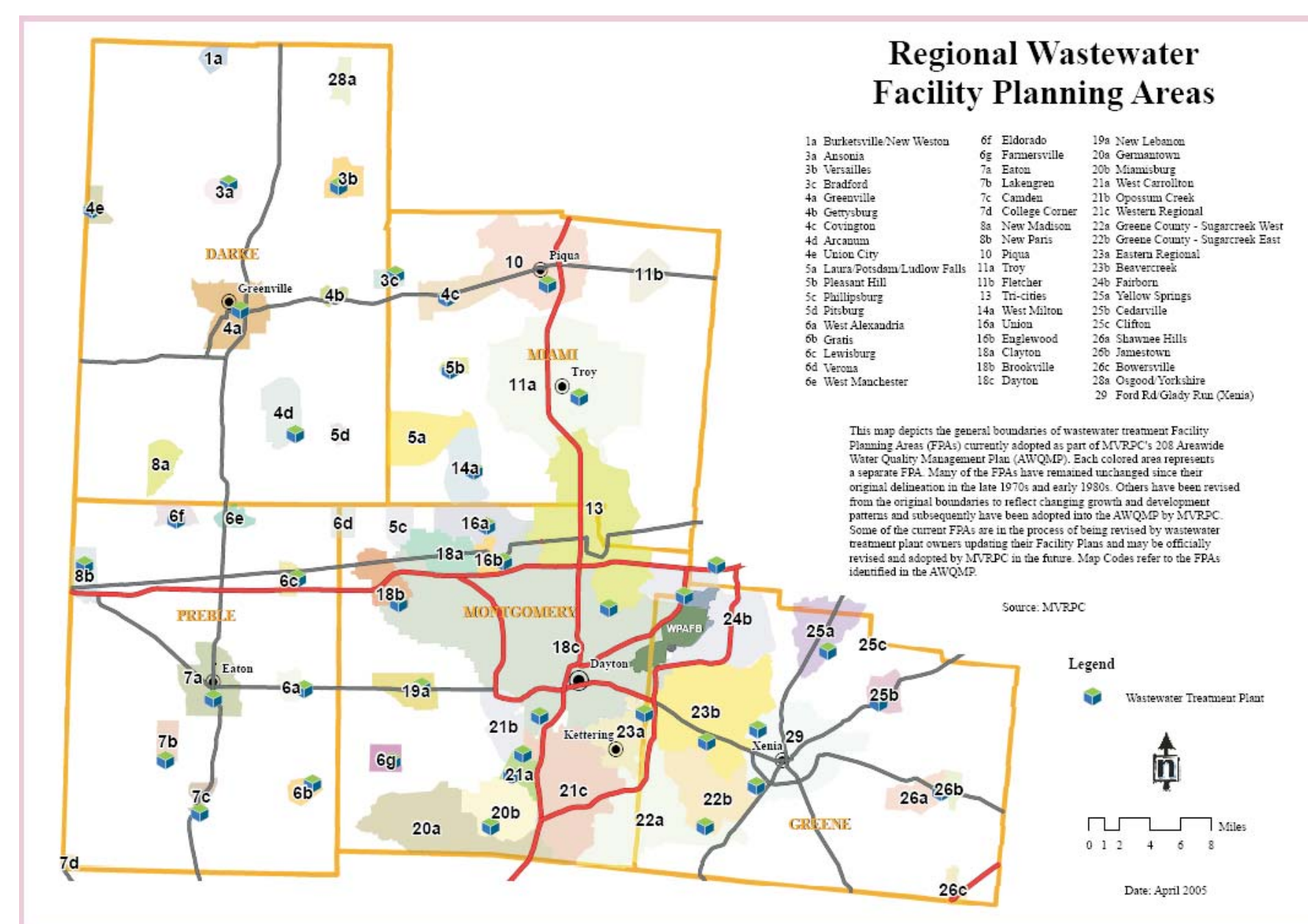
The governor of Ohio designated the Miami Valley Regional Planning Commission as an Areawide Water Quality Planning agency in the 1970's. The MVRPC Board adopted an Areawide Water Quality Management Plan (AWQMP) in the early 1980's covering numerous topic areas, such as water quality monitoring, stormwater management, on-site wastewater treatment and disposal, sludge disposal, and municipal wastewater treatment and disposal. In the years since the AWQMP was first adopted, many of these planning responsibilities have been assumed by the State of Ohio as the capability and capacity of the Ohio Environmental Protection Agency (Ohio EPA) has developed.

Today, MVRPC retains a water quality planning role primarily in the area of municipal wastewater treatment planning. Specifically, MVRPC maintains the regional map of wastewater facility planning areas (FPA).

FPA are geographic areas for which a publicly owned wastewater treatment facility has planning responsibility for collection, treatment and discharge of residential and industrial wastewater. Within a FPA, the Management Agency (MA) is the authority responsible for maintenance and operation of the sanitary sewers and the treatment plant, if any.

FPA are designated to prevent wasteful infrastructure investments. Careful planning of wastewater FPA, keeping in mind natural slope of the ground, and eliminating overlapping planning areas, should provide for efficient collection and treatment of wastewater, protecting rivers and streams as well as rate-payers' wallets.

The map below depicts the FPA in the Miami Valley as of April 2005.



## Amending the AWQMP

As communities develop and sewer collection systems expand, growth opportunities do not always follow FPA boundaries. Over time, amendments to the AWQMP are required to reflect development and development plans. This is particularly important because Ohio EPA is not able to issue permits in conflict with the AWQMP; therefore, to receive the required permits as a wastewater system grows with regional development, the AWQMP must reflect the desired development patterns.

MVRPC has established a process for AWQMP amendments. Proposed amendments from MA are reviewed by a Facility Planning Subcommittee, the general public, the MVRPC Technical Advisory Committee and finally the Board of Directors.

Completed amendments are submitted to Ohio EPA for the Governor's certification, and then submitted to US EPA as part of the Ohio water quality plan.

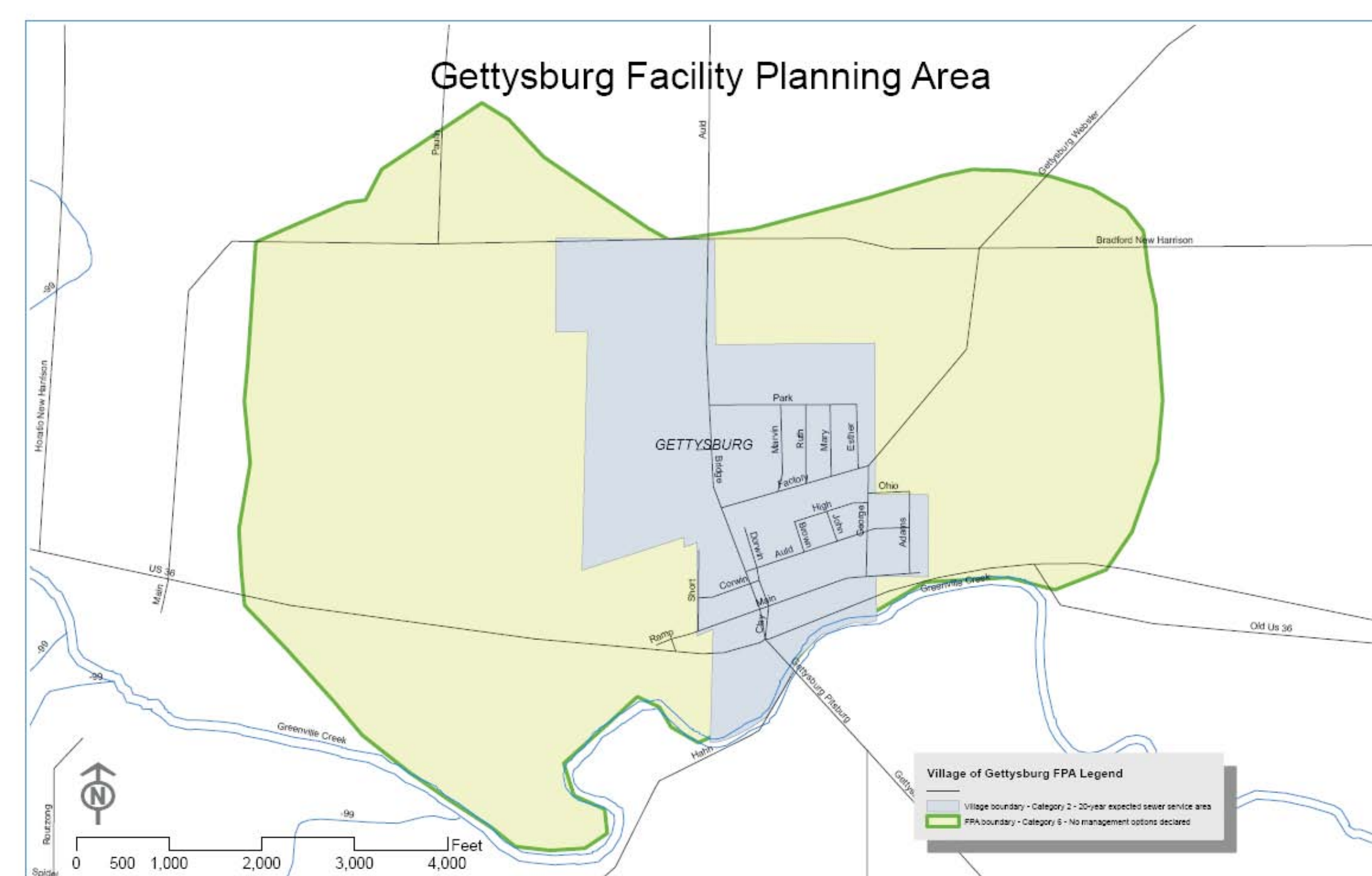
## Proposed 2008 Amendment for the Villages of Gettysburg (Darke County) and Bradford (Miami County)

The Village of Gettysburg, OH has requested an update to the 201 Plan for wastewater collection and treatment within the Gettysburg Facility Planning Area. The Village currently has no centralized sanitary wastewater collection system and relies upon onsite septic systems for residential and commercial wastewater treatment and disposal. A large industrial concern in the Village, Norcold, manufactures refrigeration units. The facility's industrial process wastewater is transported by truck outside the FPA for treatment and disposal.

The Darke County Health Department reports that the aging and under-maintained onsite septic systems are no longer adequately treating the residential wastewater in the Village. On January 15, 2008 the Ohio EPA ordered the Village of Gettysburg to install sewers due to unsanitary conditions, and a public health nuisance. The Village has chosen to pursue a sanitary sewer collection system to address the public health concerns for the residents.

The proposed project would install gravity sewers to all residences and businesses in the Village flowing to a single lift station in the Village. The lift station will pump the wastewater via force main to the Village of Bradford sanitary sewer collection system for treatment in the Bradford WWTF.

This update amends the facility plans for the Village of Gettysburg to reflect the proposed project to provide sewer connections for Gettysburg and sewage treatment at the Bradford WWTF. The Villages have a signed agreement for the provision of wastewater treatment services by Bradford not to exceed 75,000 gallons maximum average daily flow.



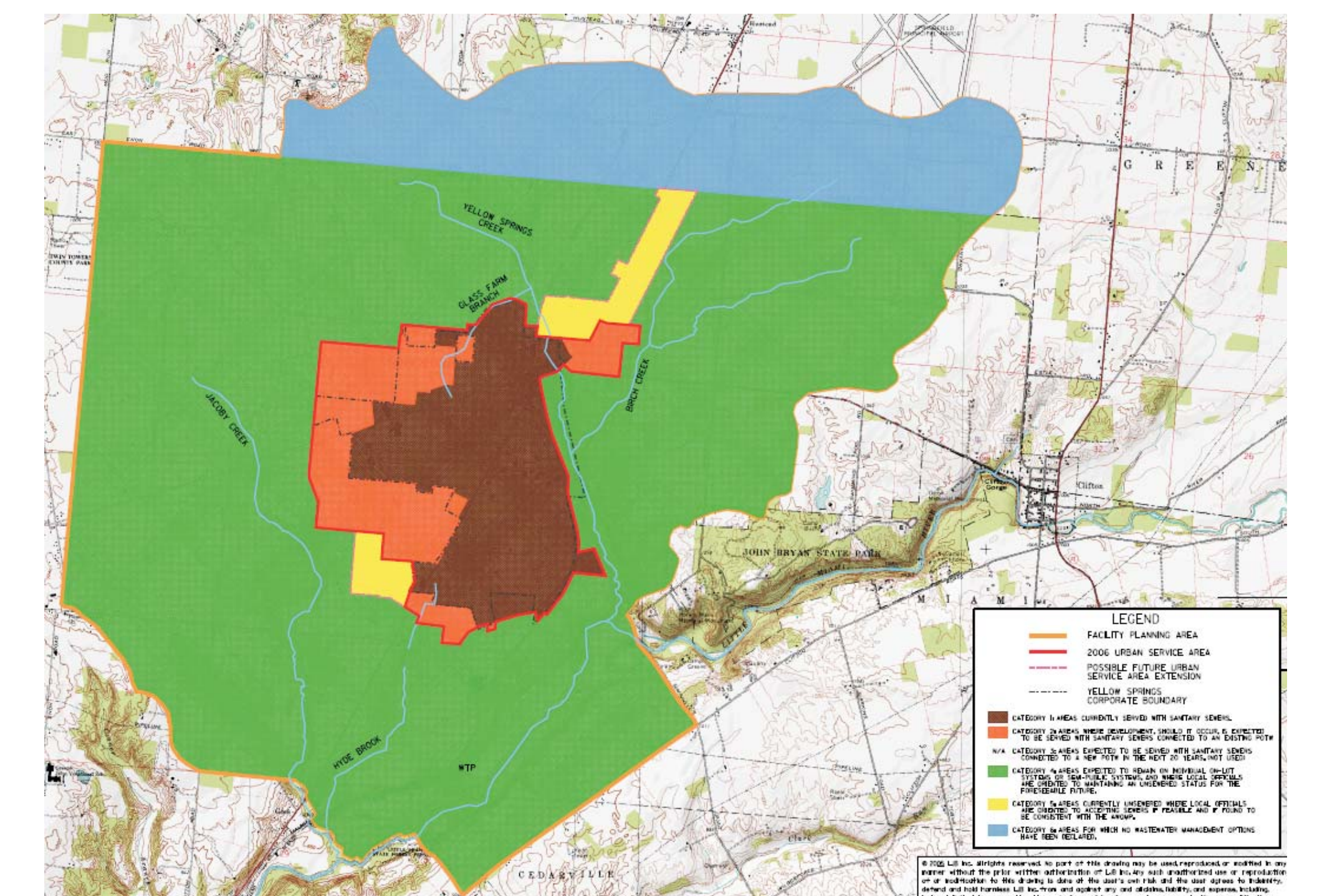
## The Gettysburg FPA Map

The map, above, depicts the revised Gettysburg FPA.

The boundaries of the FPA are unchanged from their original delineation. The FPA has been updated to show two sub area categories. The incorporated limits of the Village are declared Category 2, "Areas to be served by sanitary sewers connected to an existing POTW during the next twenty years." As of the completion of this project (hoped for by the end of 2008) the village may be depicted as Category 1, "Areas currently served with sanitary sewers." The balance of the FPA is an area of Adams Township north of Greenville Creek and south of the ridge line for Ballinger Run. This area is declared as Category 6, "Areas for which no wastewater management options have been declared."

## Proposed 2008 Amendment for the Village of Yellow Springs (Greene County)

The Yellow Springs FPA was updated in 2007 along with all of the FPA in Greene County. However, Yellow Springs chose to designate a number of wastewater treatment prescriptions for their FPA, as well as expand its area. The current Yellow Springs FPA map is shown below.



## The Yellow Springs FPA Map

The recent update to the Yellow Springs FPA included designations of service areas, future service areas, undesignated areas and areas designated for on-site treatment only (shown in green on the above map). The intention stated by the Village was to incorporate plans for a green belt around the Village into the wastewater facility plan.

The Village of Yellow Springs, OH has requested an update to the Facility Plan for wastewater collection and treatment within the Yellow Springs Facility Planning Area. The policy regarding connection to the Village of Yellow Springs sanitary sewer system would be amended to include the following:

**"The Village Council may provide sanitary sewer service to a property outside the municipal boundary if the following conditions are met:**

- 1. Council determines by resolution that a significant public health or environmental interest related to protection of the Village well field and upstream watershed is served by providing the sanitary sewer service;**
- 2. The property to be served is contiguous to the municipal boundary;**
- 3. The required infrastructure will serve only the single property;**
- 4. The Village does not bear any costs for installing, operating or maintaining the required infrastructure; and**
- 5. The property owner signs a sanitary sewer service agreement with the Village documenting the requirements."**

The policy change proposed in this amendment does not affect the capacity or ability of the Yellow Springs WWTF to meet current or projected future population for the Village of Yellow Springs. Further, the policy change does not include any changes to the FPA boundary or the designations of the areas within the boundary.