

Lower Mosquito Creek Watershed Balanced Growth Plan

NE Ohio Planning & Zoning Workshop



Trumbull County Planning Commission
June 25, 2010

What is *Balanced Growth*?

- A strategy for long-term economic competitiveness, ecological health and good quality of life -- helping protect and restore Lake Erie and Ohio River watersheds.
- Defining areas to support development *and* conservation will help achieve broader goals.

Ohio Balanced Growth Program Overview

- Voluntary and incentive based
- Protect and restore Lake Erie, the Ohio River and watersheds
- Long-term economic competitiveness, ecological health and good quality of life.
- Recommendations should focus on reducing urban sprawl, protecting natural resources and encouraging redevelopment in urban areas.

How Mosquito Creek Fits

- The value of the natural area of Mosquito Creek recognized by local elected officials and area planners for years.
- The Trumbull County Planning Commission has promoted and implemented ideas and projects that balanced development with preservation.
- Continued success requires all local units of government in the watershed work collaboratively toward balanced growth.

Creation of Watershed Planning Partnership:

Locally organized to develop and implement Balanced Growth Plan

- Technical Advisors
- Planning agencies
- Eastgate Regional Council of Governments
- Local governments
- Special purpose authorities (park districts)
- Non-government organizations

The Lower Mosquito Creek Watershed Planning Partnership...

▶ **Technical Advisors**

- Trumbull County Planning Commission
- Trumbull County Engineer
- Trumbull County Sanitary Engineer
- Trumbull Soil and Water Conservation District
- Trumbull County Metroparks
- Western Reserve Land Conservancy
- Eastgate Regional Council of Governments
- Youngstown-Warren Chamber of Commerce
- Western Reserve Port Authority
- Other identified technical stakeholders will also collaborate

▶ **Local Governments**

- Trumbull County Commissioners
- Bazetta Township
- Fowler Township
- Howland Township
- Vienna Township
- Weathersfield Township
- Cortland City
- Niles City
- Warren City

Designation of Priority Conservation Areas (PCAs)

- Locally designated areas for protection and restoration. Can include:
 - Floodplains, wetlands, riparian, steep slopes, etc.
 - Critically important ecological, recreational and public access areas.

Designation of Priority Development Areas (PDAs)

- Locally designated areas for development or redevelopment, which:
 - Revitalize existing urban areas;
 - Have access to highways, sanitary sewer facilities & service, commercial/industrial land, already-developed property; and/or
 - Maximize development potential and efficient use of infrastructure.

Our Plan...

- Facilitated by Trumbull County Planning Commission team
- Data Driven
- Vision & guidance from the Watershed Planning Partnership, Local Technical Committee and State Advisory Committee (includes 5 other grant recipients statewide)
- Outcome influenced by data & local participation
- Plan and maps assembled by the Planning Commission team
- Plan adopted by the Watershed Planning Partnership's local governments: county, cities, townships
- State endorsement

Mosquito Creek
flows south
from

Mosquito Lake

(2nd largest inland lake in Ohio)

to the

Mahoning River

(Eventually reaching Gulf of Mexico)

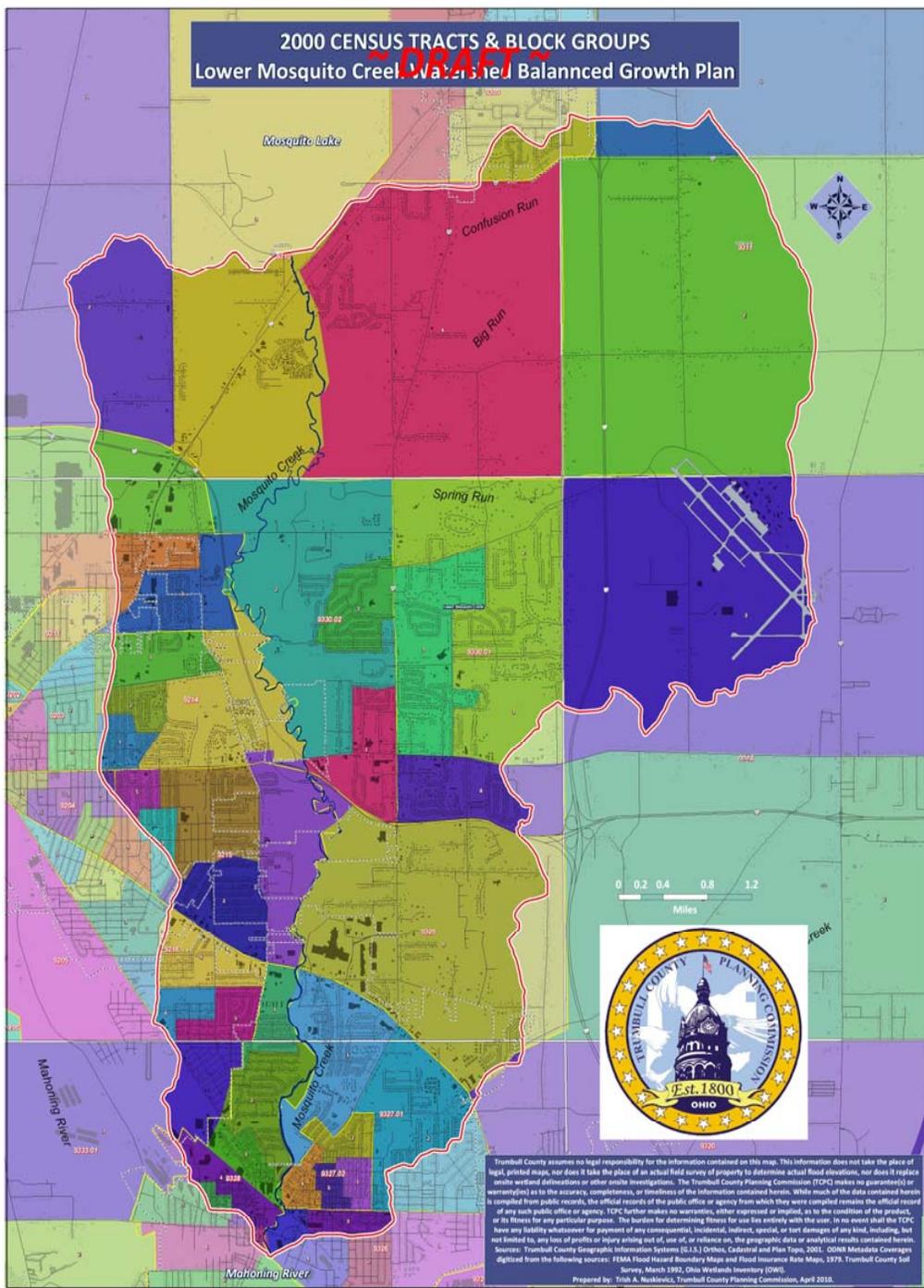
- 26,163 acres south of the Corps of Engineers Mosquito Lake Dam
- Includes three major tributaries:
 - Confusion Run
 - Big Run
 - Spring Run



Our Plans... Data Driven

- Baseline considerations, if GIS data are available:
 - 2010 Census; Population projections
 - Public facility (water, sewer, schools, public health, communications, gas, electric, police, fire, public, historic) capital needs/deficiencies and projections;
 - Natural systems conditions
 - Recreation & open space
 - Existing land uses
 - Reference existing zoning (if GIS data available)
 - Land consumption & current development patterns
 - Economic development trends & conditions
 - Transportation system
- Financially feasible plan
 - Timing, location & cost of development or redevelopment
- Outcome influenced by data **and** local participation

2000 CENSUS TRACTS & BLOCK GROUPS
 Lower Mosquito Creek Watershed Balanced Growth Plan



Trumbull County assumes no legal responsibility for the information contained on this map. This information does not take the place of legal printed maps, nor does it take the place of an actual field survey of property to determine actual flood elevations, nor does it replace onsite wetland delineations or other onsite investigations. The Trumbull County Planning Commission (TCPC) makes no guarantee(s) or warranty(ies) as to the accuracy, completeness, or timeliness of the information contained herein, while much of the data contained herein is compiled from public records, the official records of the public office or agency from which they were compiled remains the official record of any such public office or agency. TCPC further makes no warranties, either expressed or implied, as to the condition of the product, or its fitness for any particular purpose. The burden for determining fitness for use lies entirely with the user. In no event shall the TCPC have any liability whatsoever for payment of any consequential, incidental, indirect, special, or tort damages of any kind, including, but not limited to, any loss of profits or injury arising out of, use of, or reliance on, the geographic data or analytical results contained herein.

Sources: Trumbull County Geographic Information Systems (G.I.S.) Ortho, Cultural and Plan Topics, 2001; OCM's Watershed Coverage digitized from the following sources: FEMA Flood Hazard Boundary Maps and Flood Insurance Rate Maps, 1979; Trumbull County Soil Survey, March 1992; Ohio Wetlands Inventory (OWI).

Prepared by: Triah A. Nuzakovic, Trumbull County Planning Commission, April 2010.

Comprehensive County Sewer Plan

Estimated Timeline

Trumbull County, OH

Updated June 2009

-  Existing Sewer Service Areas
- Sanitary Engineer (SE) Timeline**
-  Sewers in less than 2-years
-  Sewers in more than 2-yrs, but less than 10-yrs
-  OEPA Consent Decree - 2020
-  Petitions Accepted-Awaiting Public Hearing
-  Petition Project at Sanitary Engineers
-  20-Year Estimated Sewer Service Area
-  201 Boundary
-  Proposed Sewers
-  Force Main
-  Wastewater Treatment Plant (WWTP)
-  Pump Station
-  Existing Package Plant

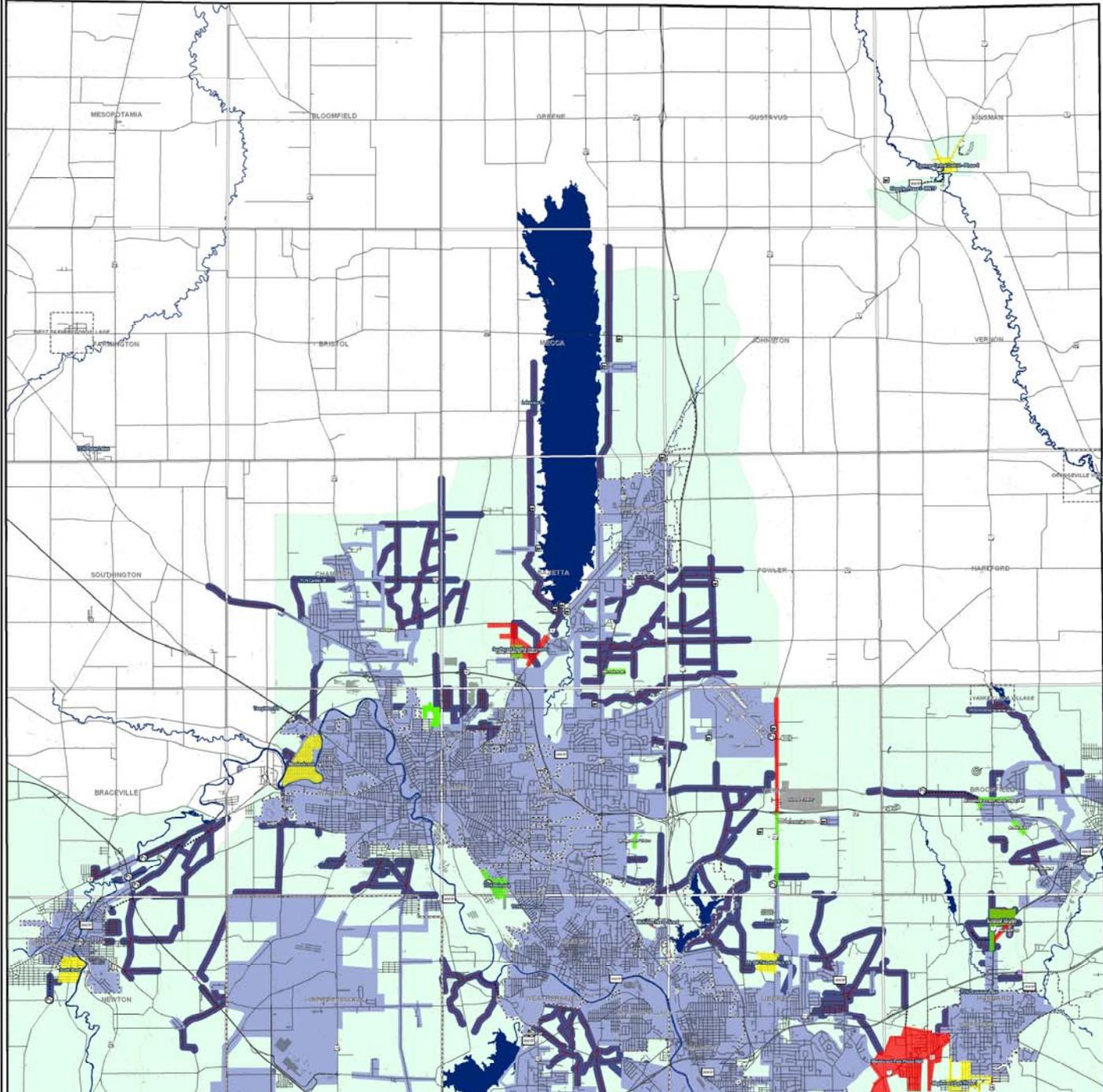


- NOTES:**
- 1) Sewer timeline was developed based on a number of factors by the Blueprint Committee and the Sanitary Engineer as a part of the Trumbull County Planning Commission's Comprehensive Sewer & Septic Blueprint Plan. All questions about Petition Projects and Sewer Construction Details contact the Trumbull County Sanitary Engineer's Office 330.675.2775
 - 2) Contact the Trumbull County General Health District Environmental Dept. for information on the Temporary Home Sewage Nuisance Abatement Policy and how to care for your existing septic system at 330.675.2489
 - 3) This map is an evolving, ongoing work that is based on a variety of dynamic factors and will be periodically updated and posted on the Trumbull County Planning Commission's Website at: www.Planning.co.trumbull.oh.us



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Sources: Trumbull County Planning Commission, Trumbull County Sanitary Engineer, Ohio EPA, Trumbull County Health Department, Trumbull County Geographic Information Systems (G.I.S.), Ortho, Cultural & Plan Topics, 2001, ODOT (Miscellaneous Coverages digitized from the following sources: FEMA Flood Hazard Boundary Maps and Flood Insurance Rate Maps, 1979) Trumbull County Soil Survey, March 1992, Ohio Wetlands Inventory (OWI).
 Note: For Most Current Information See Trumbull County Sanitary Engineer.
 Prepared by: Trish A. Noslakiewicz, Trumbull County Planning Commission.
 Created April 2007/Updated June 2009



Shaded Relief - Lower Mosquito Creek Watershed BGP



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Prepared by: Trish A. Nuskiewicz, Trumbull County Planning Commission, September 2007/ Updated October 2008.

Flood Hazards, Watersheds & Wetlands - Trumbull County, Ohio



- 3 Major Watershed Basins**
1) Grand River Watershed
2) Mahoning River Watershed
3) Shenango River Watershed
Sub-Watershed Divides
Floodplains
Ohio Wetlands Inventory
Lakes, Ponds

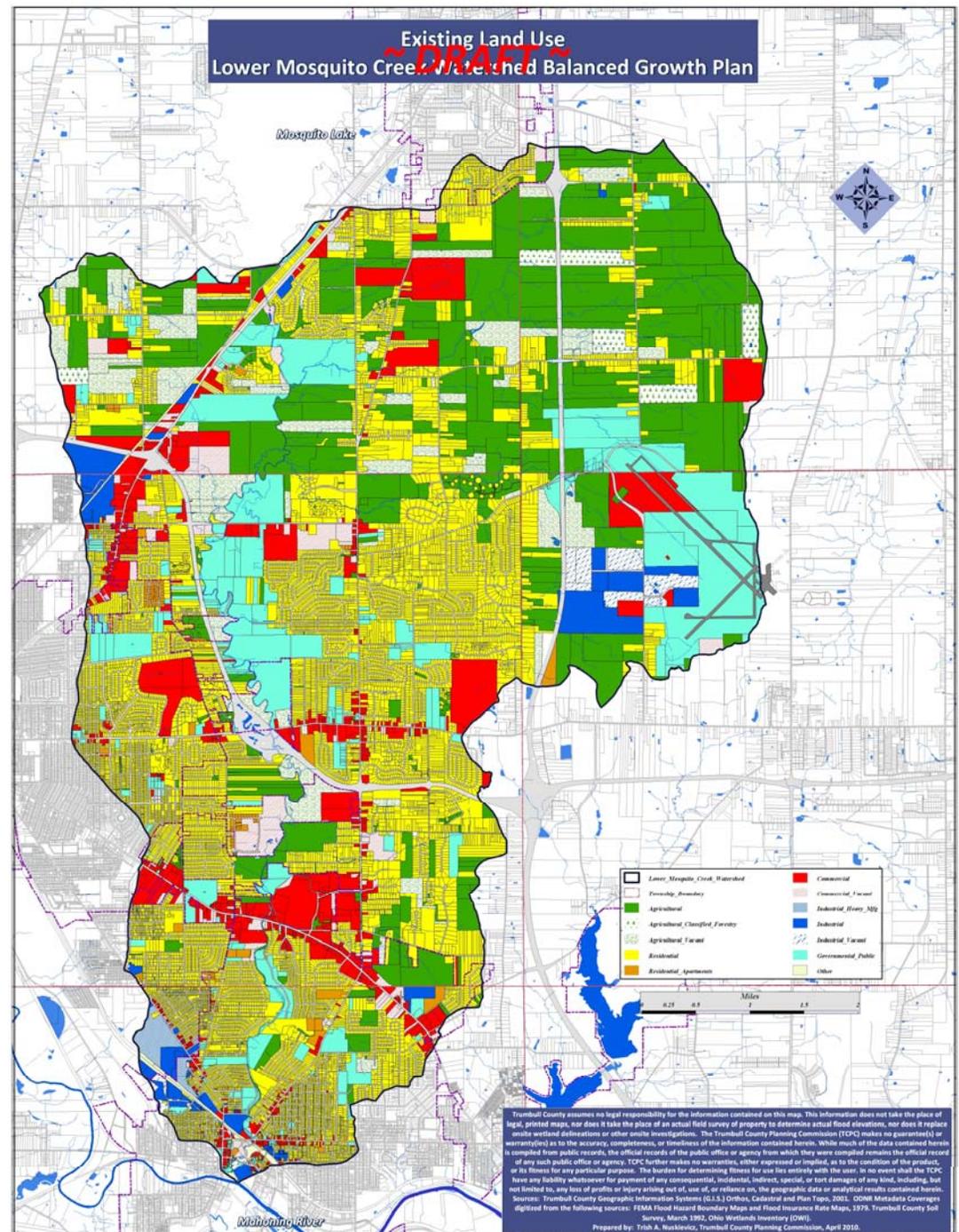


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 Users noting errors or omissions are encouraged to contact the Trumbull County GIS Dept.
 Sources: Trumbull County Geographic Information Systems (G.I.S.) Aerial Photography, 2001.
 ODNR MetaData Coverages - FEMA Floodway & Floodplain, Ohio Wetlands Inventory.
 Prepared by: Trish A. Nuskiewicz, Trumbull County Planning Commission, April 2006.



Significant development & existing land uses in the watershed...

- Industrial
- Older US 422 commercial corridor
 - Eastwood Regional Mall complex
- Newer SR 46 & SR 82 commercial corridors
- Neighborhood commercial
- Urban residential (older SF on small lots; multifamily)
- Suburban residential
- Agriculture
- Public
 - Youngstown-Warren Regional Airport
 - Conservation



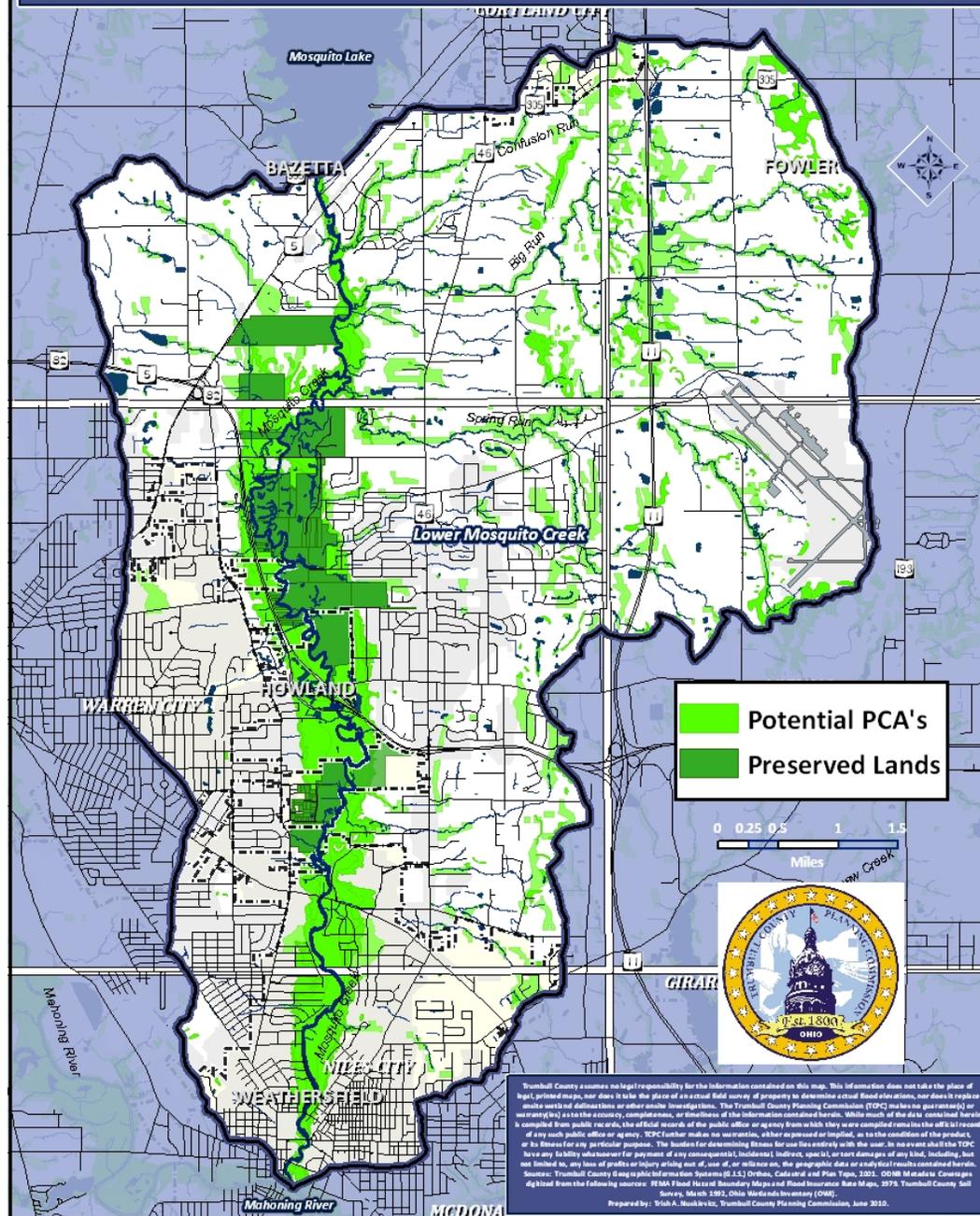
Deliverables

- Draft maps that show PCAs and PDAs within 12 months of start-up.
- Draft Watershed Balanced Growth Plan within 18 months of start-up.
- Annual reports on WPP activities and progress

Mapping of PCAs & PDAs

- GIS-based decision support system
 - Data-driven plan
 - Begin with the end in mind
- State-supplied system and data
- Locally-developed system and data
- Local government buy-in
- Review and endorsement process

Potential Priority Conservation Areas (PCA's) - Lower Mosquito Creek Watershed



Potential PCA's
Preserved Lands

0 0.25 0.5 1 1.5
Miles



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Approval Process

- Iterative, originating from GIS data
- State endorsement requires:
 - Local support (75% of governments must accept the plan)
 - Balanced Growth program goals addressed
 - PCAs and PDAs identified
 - Open, inclusive process with local leadership
 - State agency coordination and local consensus

Implementation Tools

- Local comprehensive plans
- Zoning resolutions
- Ordinances
- Subdivision regulations
- 208/201 plans
- Inter-local agreements
- Clean Ohio and other grants
- State incentives for Priority Development & Conservation Areas
- Others tools that may be identified in the plan
- Regular monitoring & evaluation

State Support

- Access to endorsed Balanced Growth Plans
- State GIS data and decision support system
- Guidance and assistance with plan development and process
- Meetings with other planning partnerships to discuss planning processes, strategies and problem-solving
- Incentives for endorsed plans

Thank You!

Contact:

Trish Nuskiewicz or Bill Miller
Trumbull County Planning Commission
347 N. Park Ave.
Warren, OH 44481
330-675-2480

pcnuskie@co.trumbull.oh.us *-or-*

pcmiller@co.trumbull.oh.us



*Lower Mosquito Creek
Watershed Balanced Growth Plan*