

Legend

Upper Clinton Subwatershed

Rivers/Streams/Drains

Lakes

Catchment

Clam Lake

Clinton River Direct Drainage

Deer Lake

Eagle Lake

Flemings Lake

Greens Lake

Huntoon Lake

I-75 Drainage

Judah Lake

Lake Angelus

Lake Goodrich

Maceday/Lotus Lake

Miller/Mill Lake

Morgan Lake

Oakhurst

Parke Lake

Pleasant Lake

Sashabaw Creek Direct Drainage

Shell Park

Silver Lake

Townsend Lake

Watkins Lake

MAP 9

CATCHMENTS

UPPER CLINTON SUBWATERSHED
MANAGEMENT PLAN

Carlisle/Wortman Associates, Inc.
Community Planners & Landscape Architects

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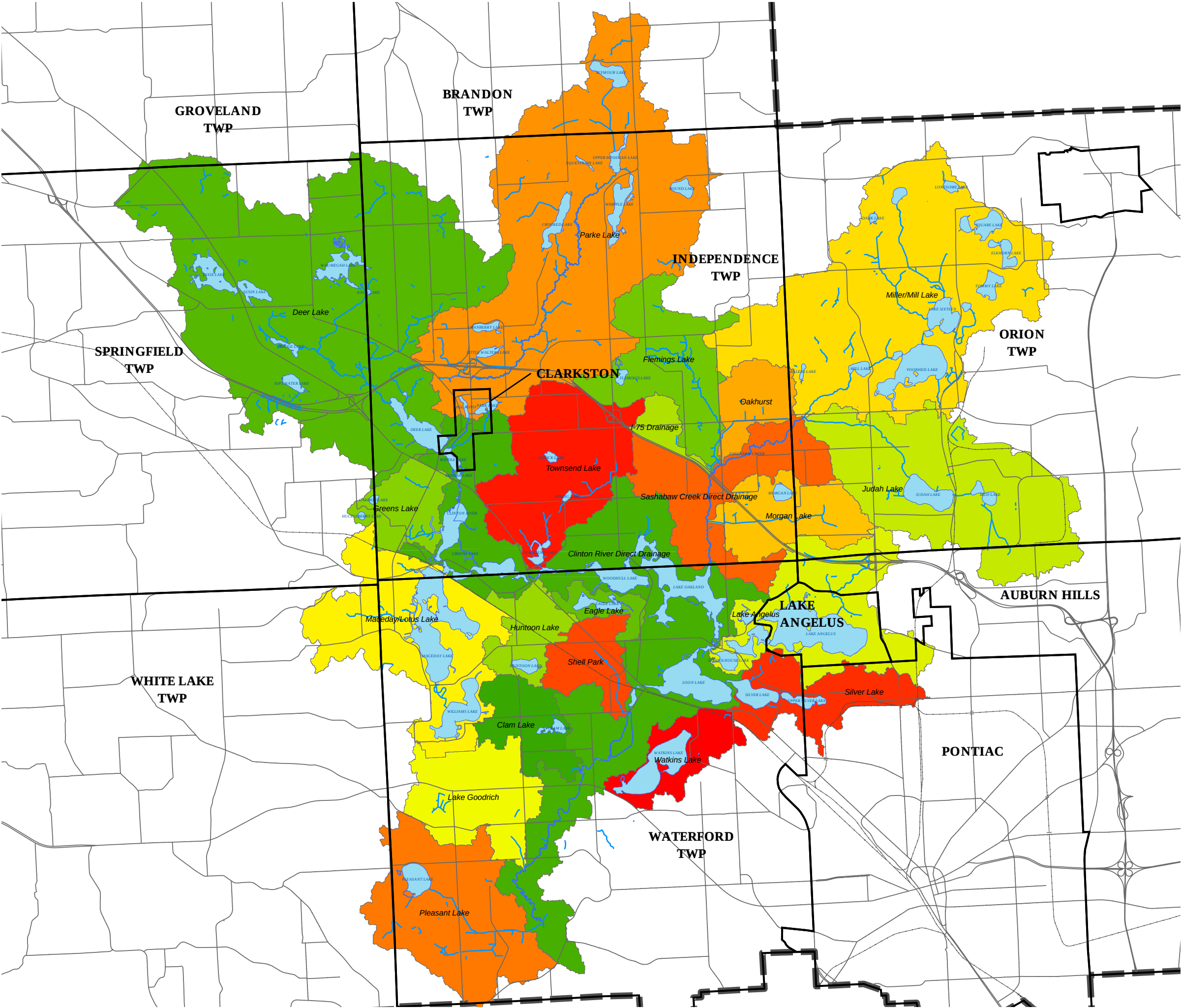
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Miles

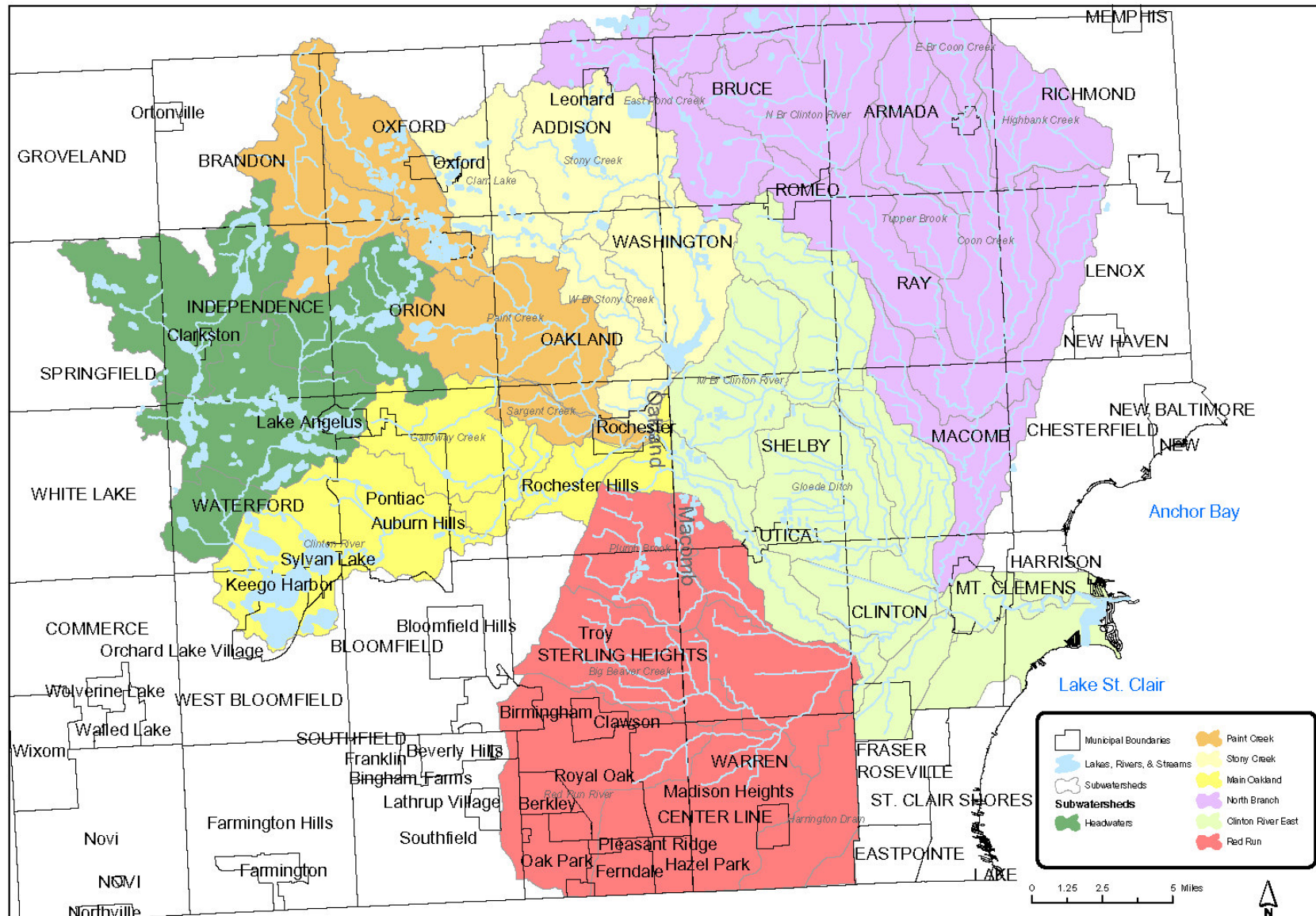
PLOT GENERATION: AUGUST 31, 2005
SOURCE: OAKLAND COUNTY

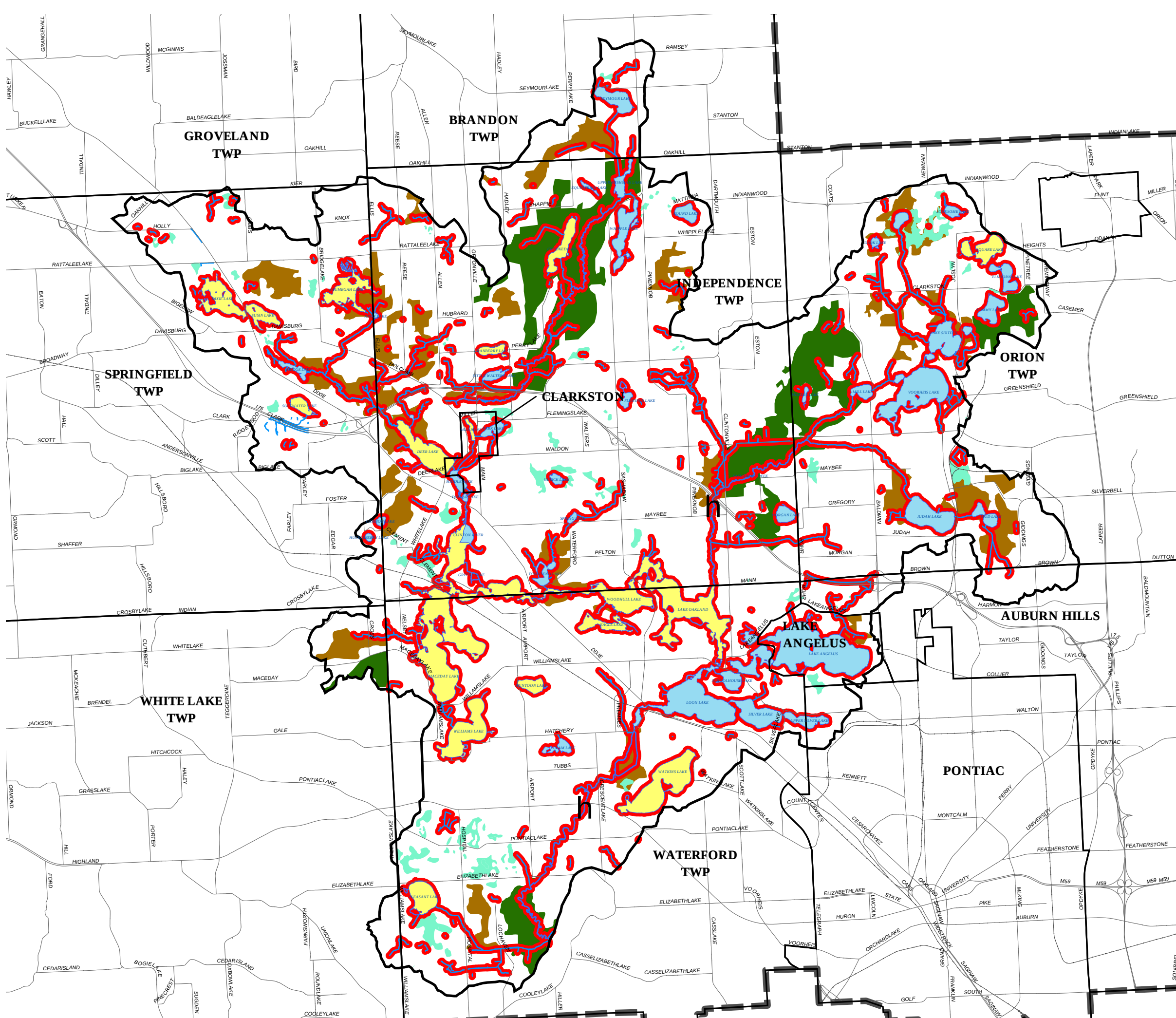


The Clinton River Watershed

This map is provided by the Environmental Stewardship Group
of Oakland County Planning & Economic Development Services

L. Brooks Patterson, County Executive





Legend

- Upper Clinton Subwatershed
- Rivers/Streams/Drains
- Lakes

Factors Defining the Existing and Potential Areas of Critical Concern

- Lakes with Known Impairments
- 250 Foot Areas Around All Lakes & Streams
- Priority One MNFI Areas
- Priority Two MNFI Areas
- Other Potential Areas of Hydrological Significance
- Stream Locations with Known Impairments

MAP 8

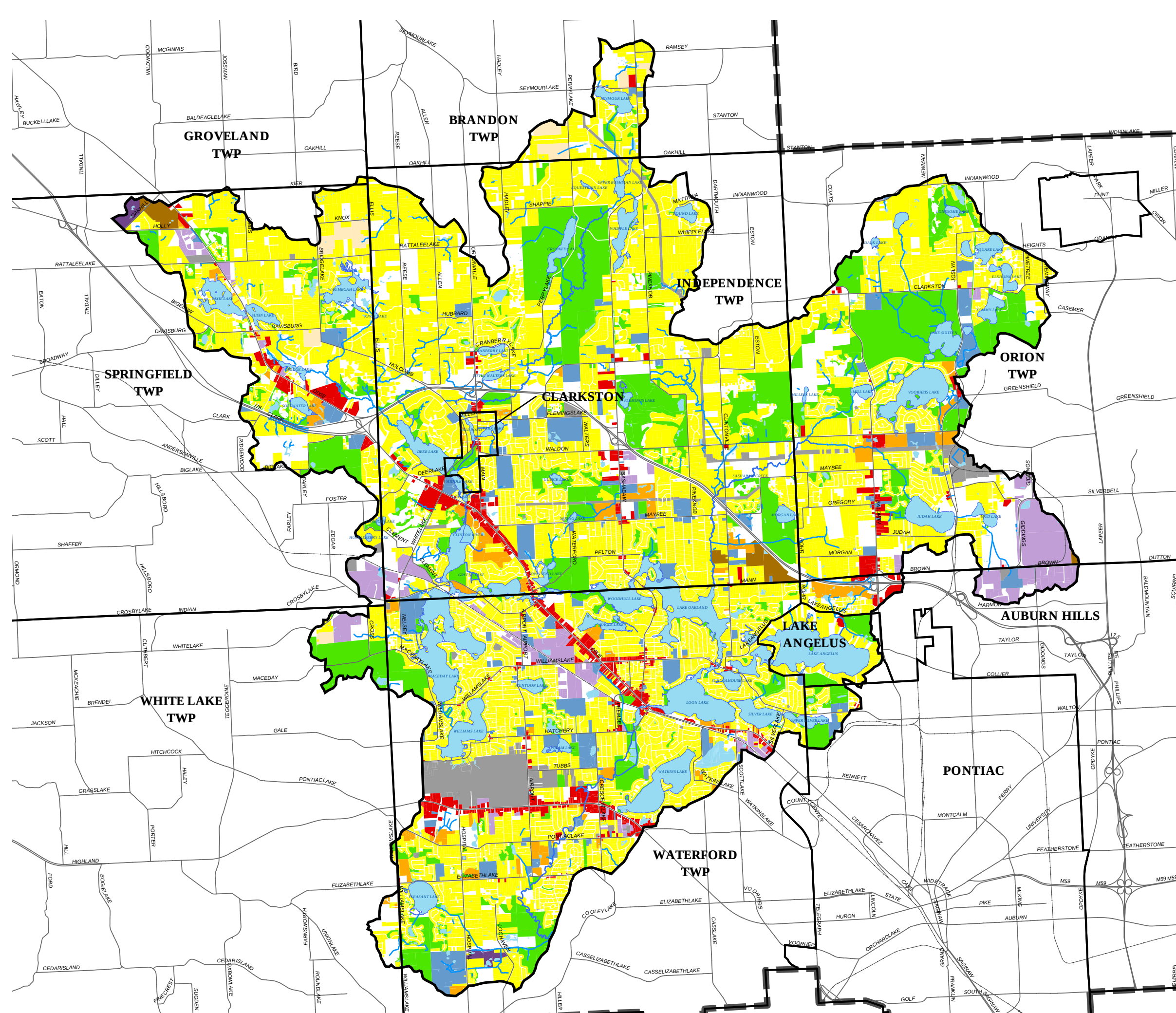
EXISTING AND POTENTIAL AREAS OF CRITICAL CONCERN

UPPER CLINTON SUBWATERSHED MANAGEMENT PLAN

Carlisle/Wortman Associates, Inc.
Community Planners & Landscape Architects

0 1 2 Miles

PLOT GENERATION: AUGUST 31, 2005
SOURCE: OAKLAND COUNTY



Legend

- Upper Clinton Subwatershed
- Rivers/Streams/Drains
- Lakes
- Agricultural / Fallow Lands
- Single Family
- Multiple Family
- Mobile Home Park
- Commercial / Office
- Industrial
- Extractive
- Public / Institutional
- Recreation / Conservation
- Transportation
- Vacant

MAP 2

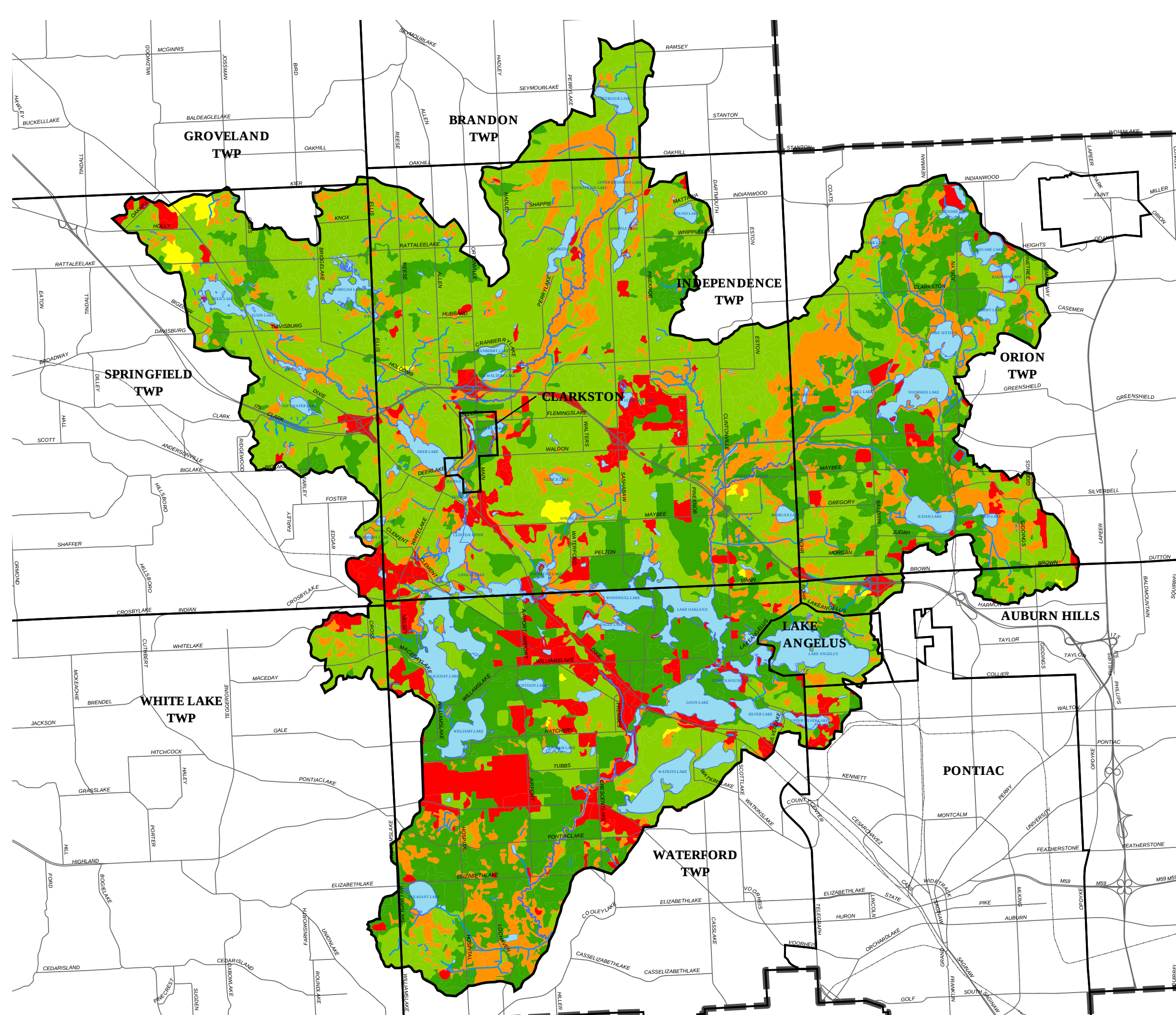
EXISTING LAND USE

UPPER CLINTON SUBWATERSHED MANAGEMENT PLAN

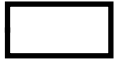
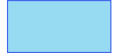
Carlisle/Wortman Associates, Inc.
Community Planners & Landscape Architects

0 1 2 Miles

PLOT GENERATION: AUGUST 31, 2005
SOURCE: OAKLAND COUNTY



Legend

-  Upper Clinton Subwatershed
-  Rivers/Streams/Drains
-  Lakes

Hydrological Soil Groups

-  Group A - Sand, loamy sand, sandy loam (High infiltration rate)
-  Group B - Silt loam or loam (Moderate infiltration rate)
-  Group C - Sandy clay loam (Slow infiltration rate)
-  Group D - Clay loam, silty clay loam, sandy clay, silty clay or clay (Very slow infiltration rate)
-  Urban Land, Pitts, Disturbed Soils

MAP 5

HYDROLOGICAL SOIL GROUPS

UPPER CLINTON SUBWATERSHED

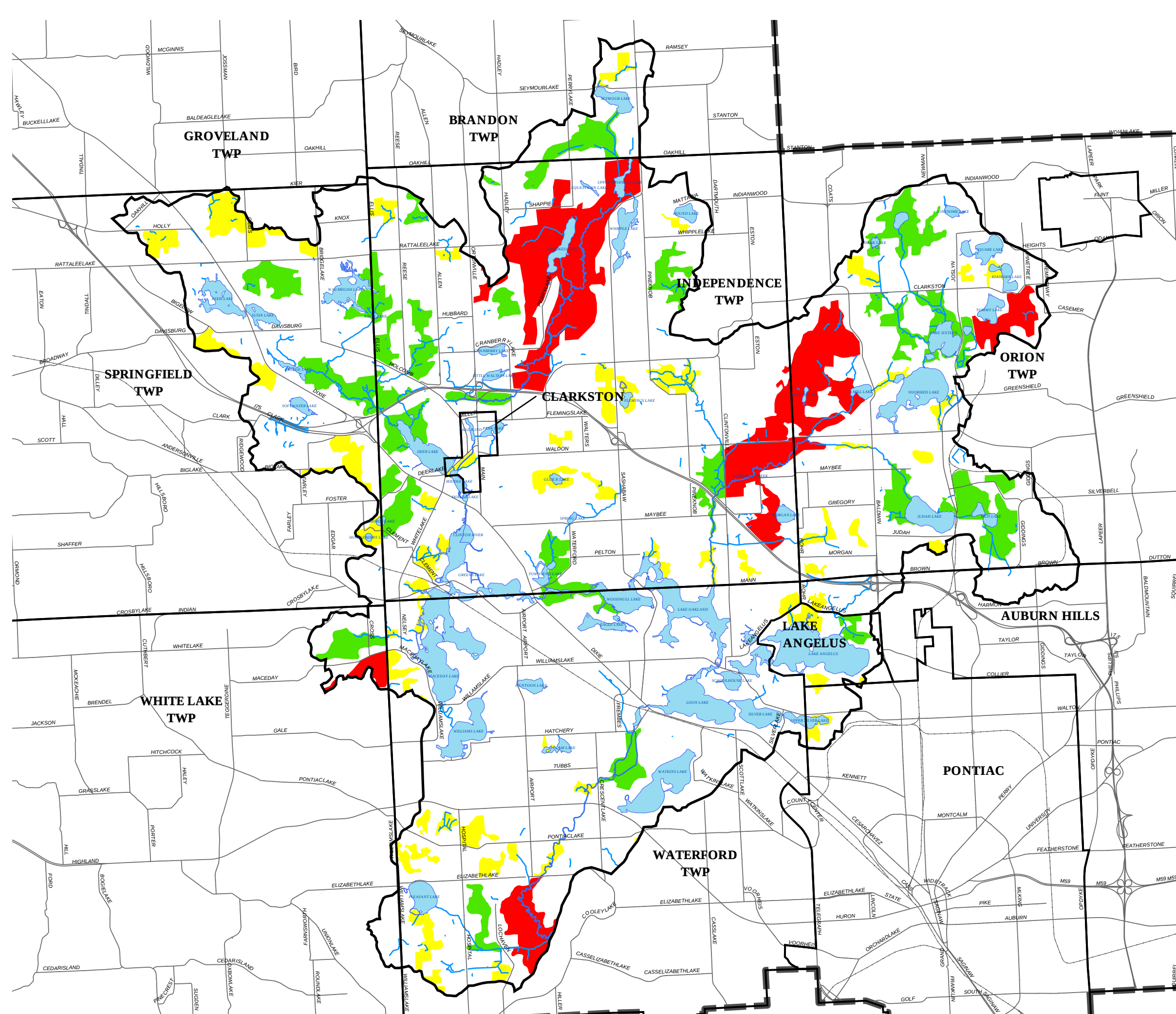
MANAGEMENT PLAN

Carlisle/Wortman Associates, Inc.
Community Planners & Landscape Architects

0 1 2 Miles

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PLOT GENERATION: AUGUST 30, 2005
SOURCE: OAKLAND COUNTY



Legend

- Upper Clinton Subwatershed
- Rivers/Streams/Drains
- Lakes

MNFI Natural Areas

- Priority One
- Priority Two
- Priority Three

MAP 7

MNFI NATURAL AREAS

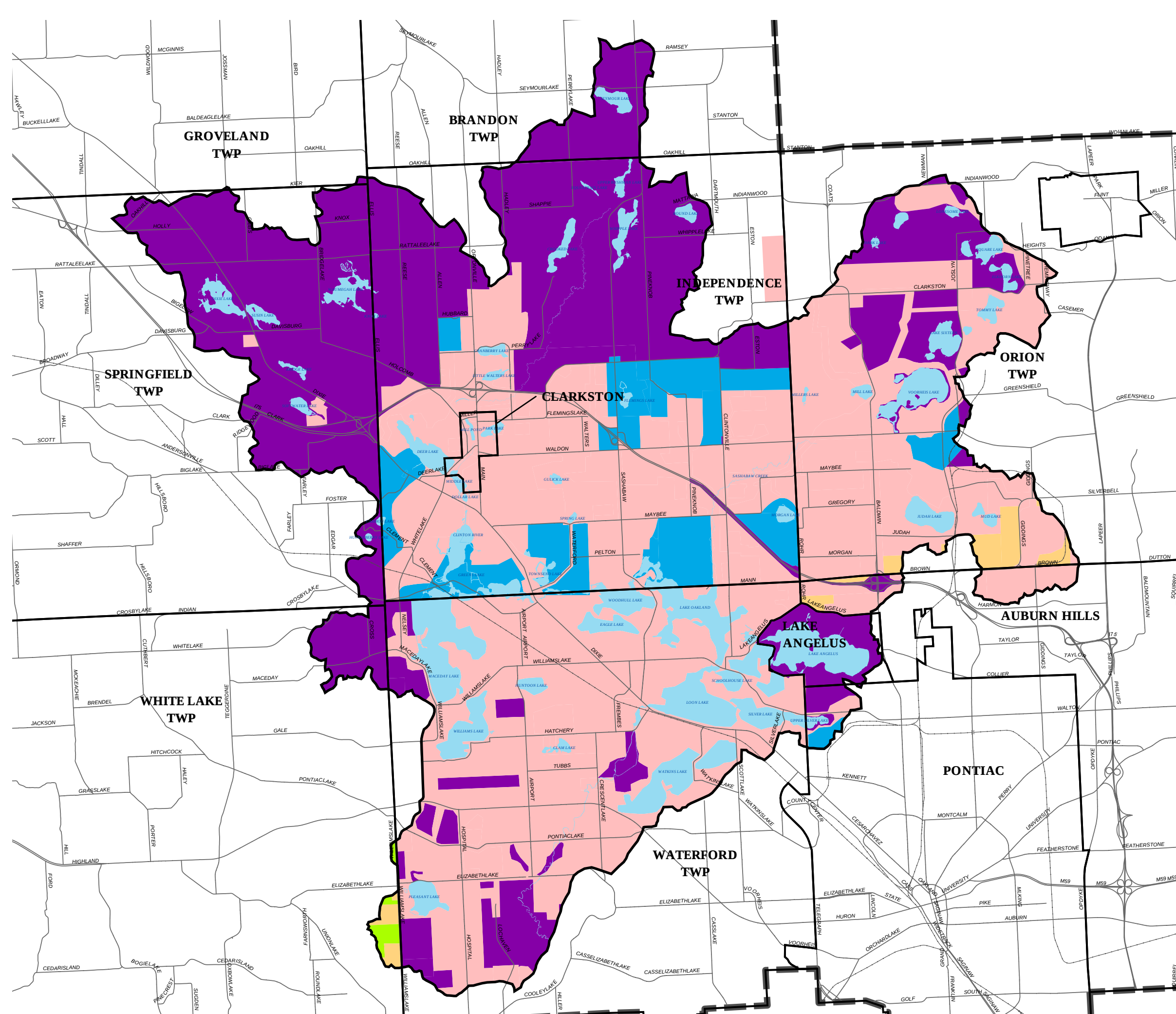
UPPER CLINTON SUBWATERSHED MANAGEMENT PLAN

Carlisle/Wortman Associates, Inc.
Community Planners & Landscape Architects

0 1 2 Miles

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PLOT GENERATION: AUGUST 31, 2005
SOURCE: OAKLAND COUNTY



Legend

- Upper Clinton Subwatershed
- Rivers/Streams/Drains
- Lakes

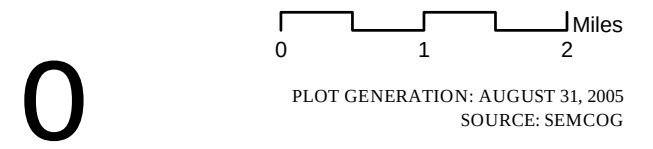
Sewer Service Areas

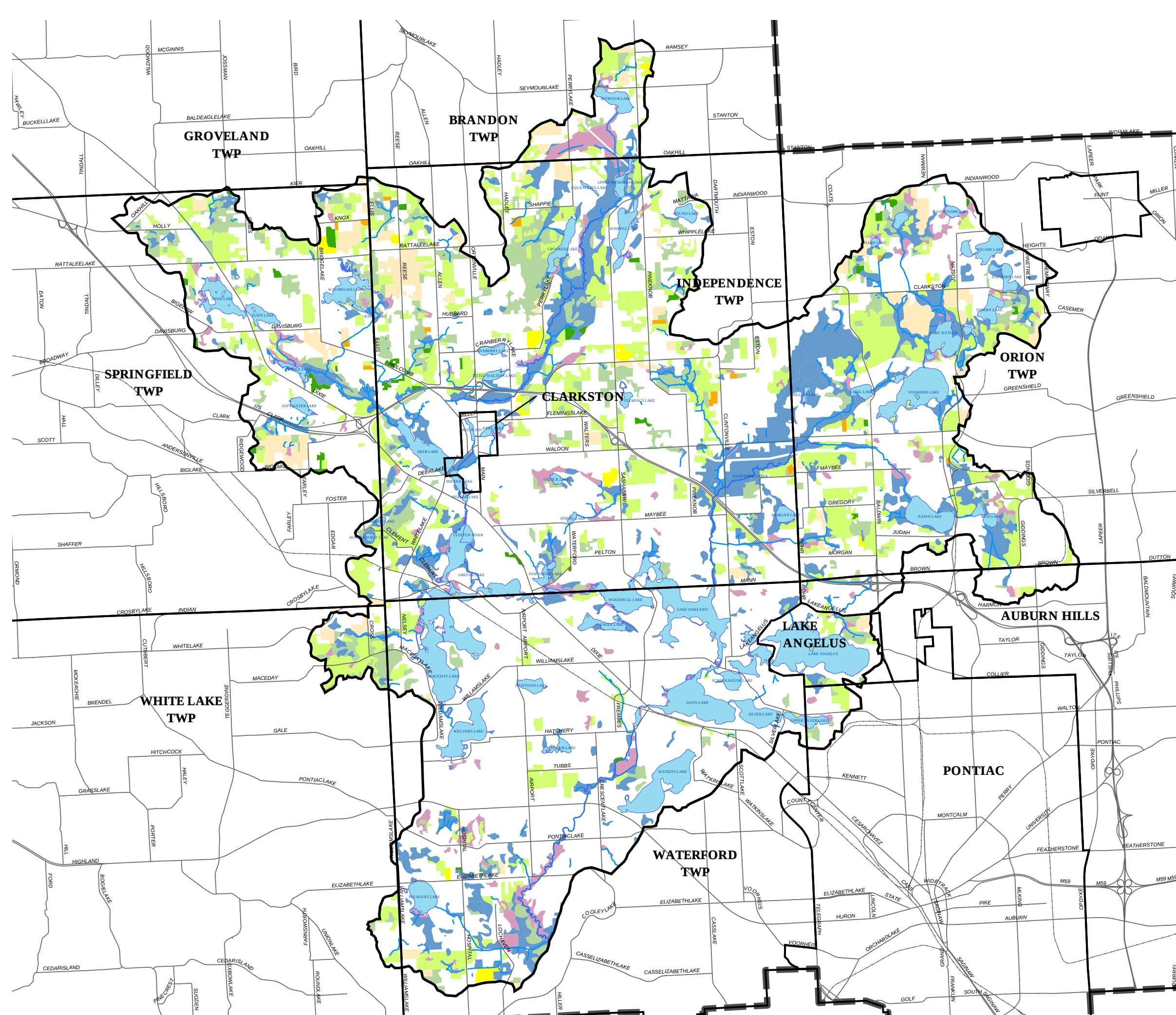
- Existing Sewer
- Planned Sewer - 2010
- Planned or Forcasted Sewer - 2030
- Potential Sewer
- Not Currently Planned for Sewer

MAP 3

SEWER SERVICE AREAS UPPER CLINTON SUBWATERSHED MANAGEMENT PLAN

Carlisle/Wortman Associates, Inc.
Community Planners & Landscape Architects





Legend

- Upper Clinton Subwatershed
- Rivers/Streams/Drains
- Lakes

Agricultural Vegetation

- Cropland
- Orchard, Vineyard & Ornamental Horticulture Areas
- Permanent Pasture

Upland Vegetation

- Non-Forested Lands
- Forest Lands
- Coniferous Forest

Wetland Vegetation

- Forested Wetlands
- Non-Forested Wetlands

MAP 6

VEGETATIVE LAND COVER

UPPER CLINTON SUBWATERSHED
MANAGEMENT PLAN

Carlisle/Wortman Associates, Inc.
Community Planners & Landscape Architects

0 1 2 Miles

PLOT GENERATION: AUGUST 31, 2005
SOURCE: OAKLAND COUNTY

Legend

- Upper Clinton Subwatershed
- Rivers/Streams/Drains
- Lakes
- Wetlands
- Municipal Boundaries

Sampling Stations

- Lake
- Stream / River

A Crooked Lk near Walters
B Clinton River at Bluegrass Dr
C Dark Lk-Central Basin
D Deer Lk near Clarkston
E Deer Lk Outlet at White Lk Rd
F Maceday Lk-Central Basin
G Square Lk near Lk Orion Heights
H Lk Sixteen near Lk Orion
I Voorheis Lk near Lk Orion
J Sashabaw Creek near Drayton
K Sashabaw Creek at Maybee Rd
L Lk Oakland near Drayton Plains
M Lk Oakland-Central Basin
N Lk Angelus near Clintonville
O Loon Lk in No-West Basin
P Clinton River at Hatchery Rd
Q Clinton River at M-59 Bridge
R N Clinton River at Pontiac Lk Rd
S Loon Lk in S. Central Basin
T Deer Lk in S. Central Basin
U Clarkston Mill Ponds
V Clinton River near Fowler & Sashabaw Intersection
W Clinton River north of I-75 off Dixie Highway
X Clinton River east of Crescent Lake Road

MAP 4

WATER SAMPLING STATIONS

UPPER CLINTON SUBWATERSHED MANAGEMENT PLAN

Carlisle/Wortman Associates, Inc.
 Community Planners & Landscape Architects

0

1

2

Miles

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 SOURCE: OAKLAND COUNTY

