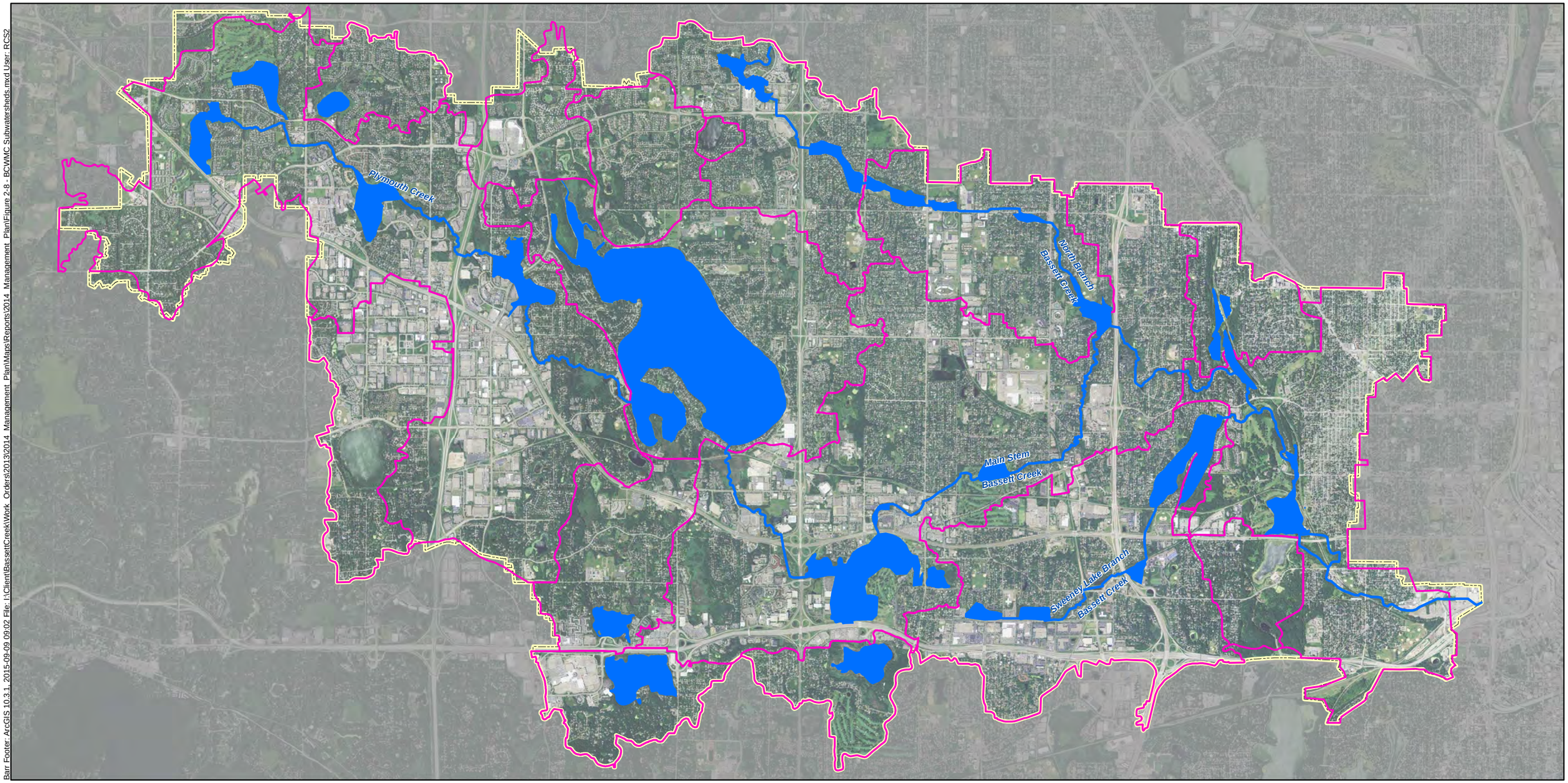


BCWMC Political Boundary

Trunk System Creeks

Trunk System Basins

Major Subwatersheds (2015 Plan)

N

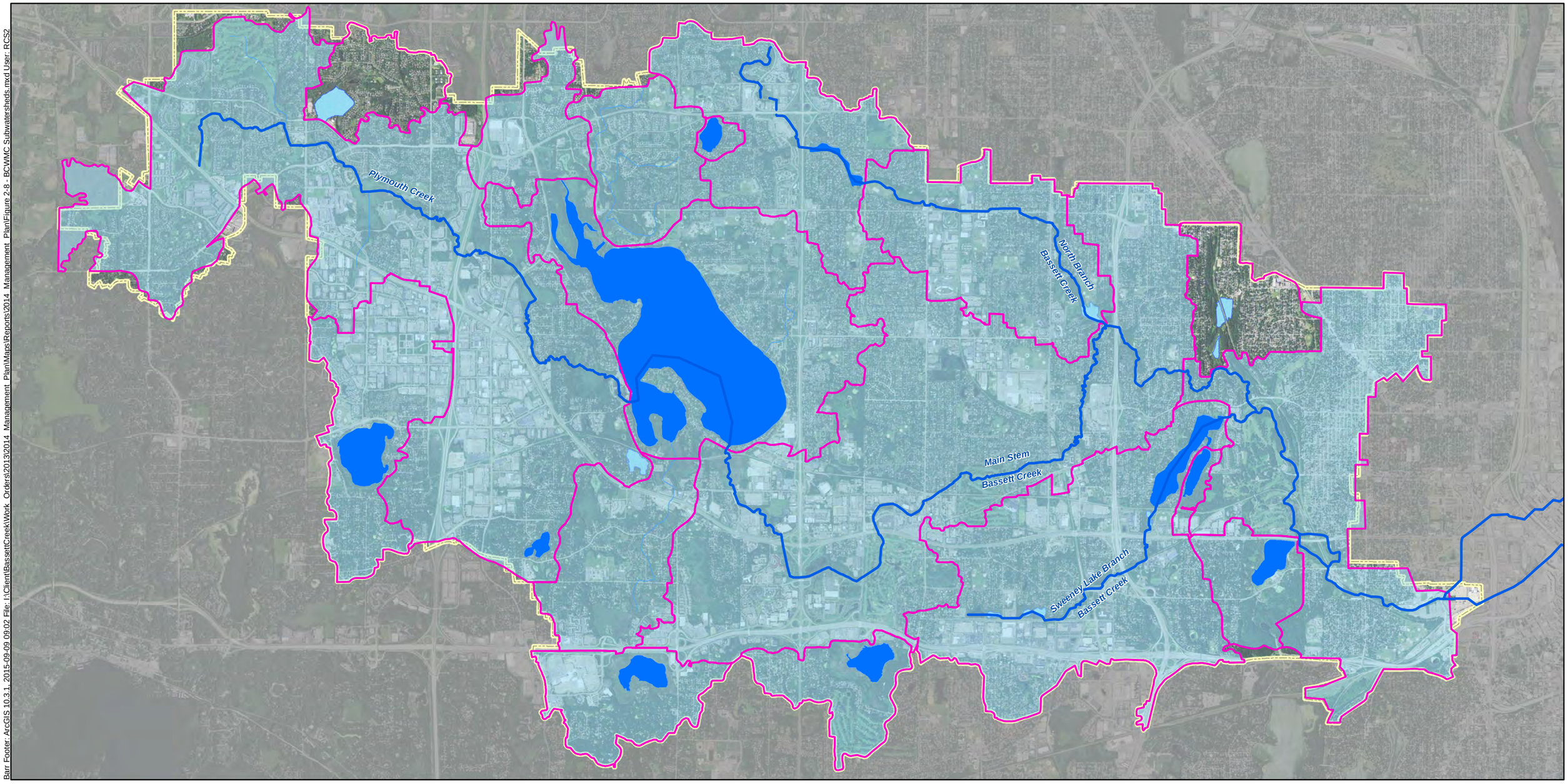
Feet

4,000 0 4,000

Figure 1
CIP PRIORITIZATION

BCWMC TRUNK SYSTEM
Bassett Creek Watershed
Management Commission

Bassett Creek Watershed Management Commission



BCWMC Political Boundary

Creeks

BCWMC Priority Waterbodies

Subwatersheds tributary to Priority Waterbodies

Major Subwatersheds (2015 Plan)

N

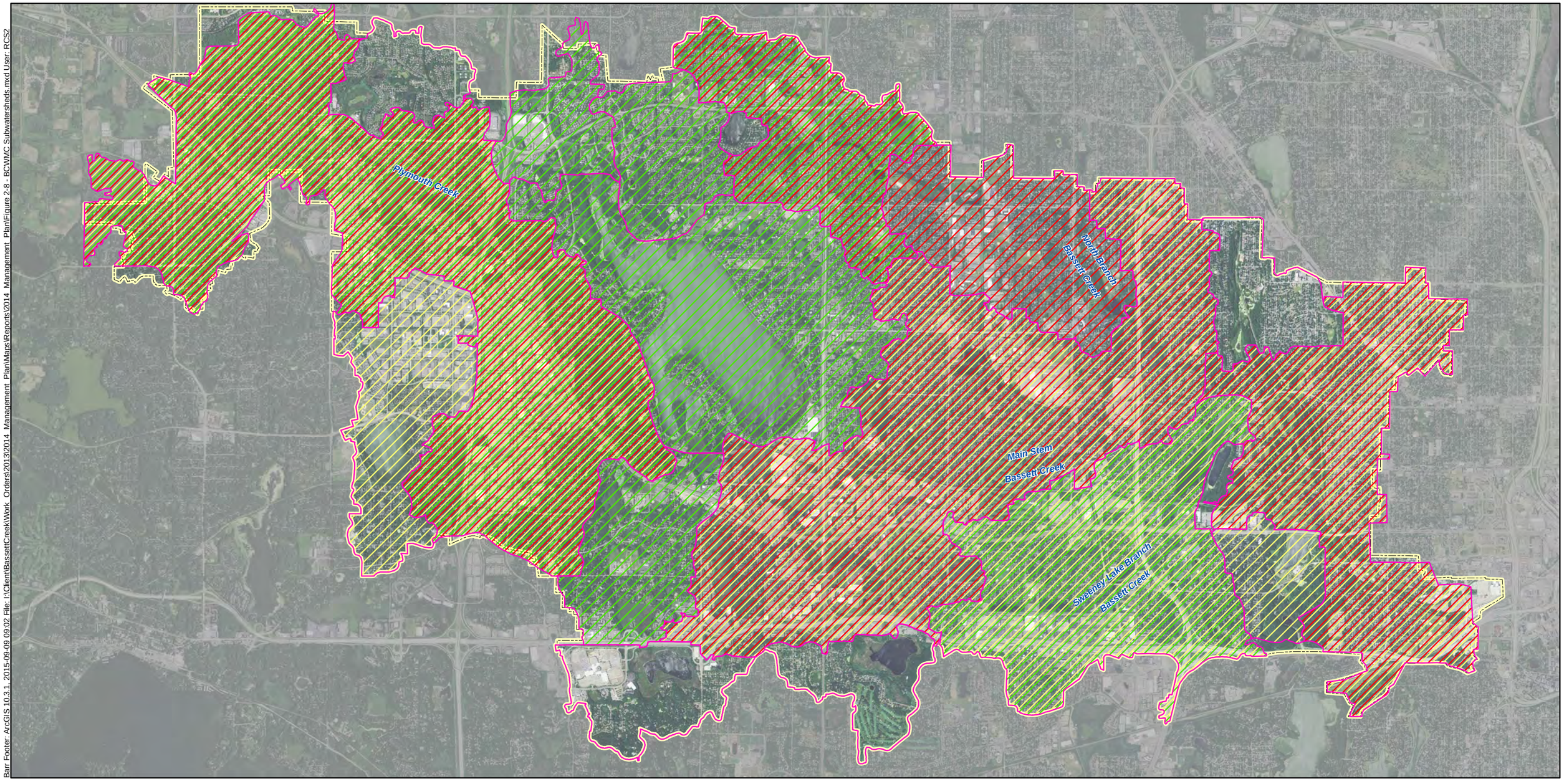
Feet

4,000 0 4,000

Figure 2
CIP PRIORITIZATION

PRIORITY WATERBODIES
AND SUBWATERSHEDS
Bassett Creek Watershed
Management Commission

Bassett Creek Watershed Management Commission



BCWMC Political Boundary

Subwatersheds tributary to TMDL (Bacteria)

Subwatersheds tributary to TMDL (Nutrients)

Subwatersheds tributary to TMDL (Chloride)

Major Subwatersheds (2015 Plan)

N

Feet

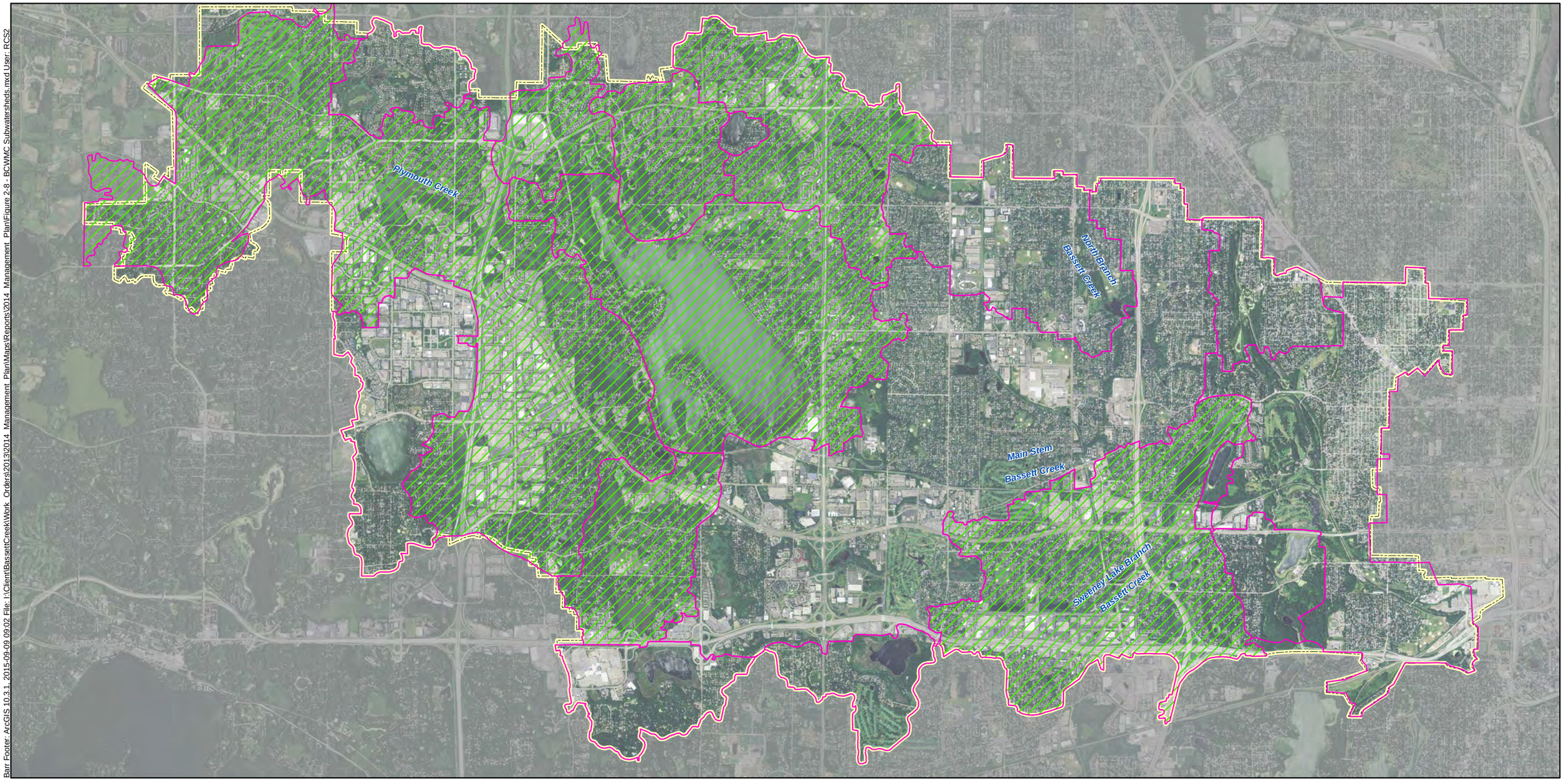
4,000 0 4,000

Watersheds are highlighted only if the first downstream waterbody pond or lake has an approved TMDL. Note that all watersheds are ultimately tributary to Bassett Creek, which is included in the Mississippi River Bacteria TMDL and Twin Cities Metro Area Chloride TMDL.

Figure 3
CIP PRIORITIZATION

WATERSHEDS TRIBUTARY TO WATERS WITH TMDLS
Bassett Creek Watershed Management Commission

Bassett Creek Watershed Management Commission



BCWMC Political Boundary

Subwatersheds tributary to TMDL (Nutrients)

Major Subwatersheds (2015 Plan)

N

Feet

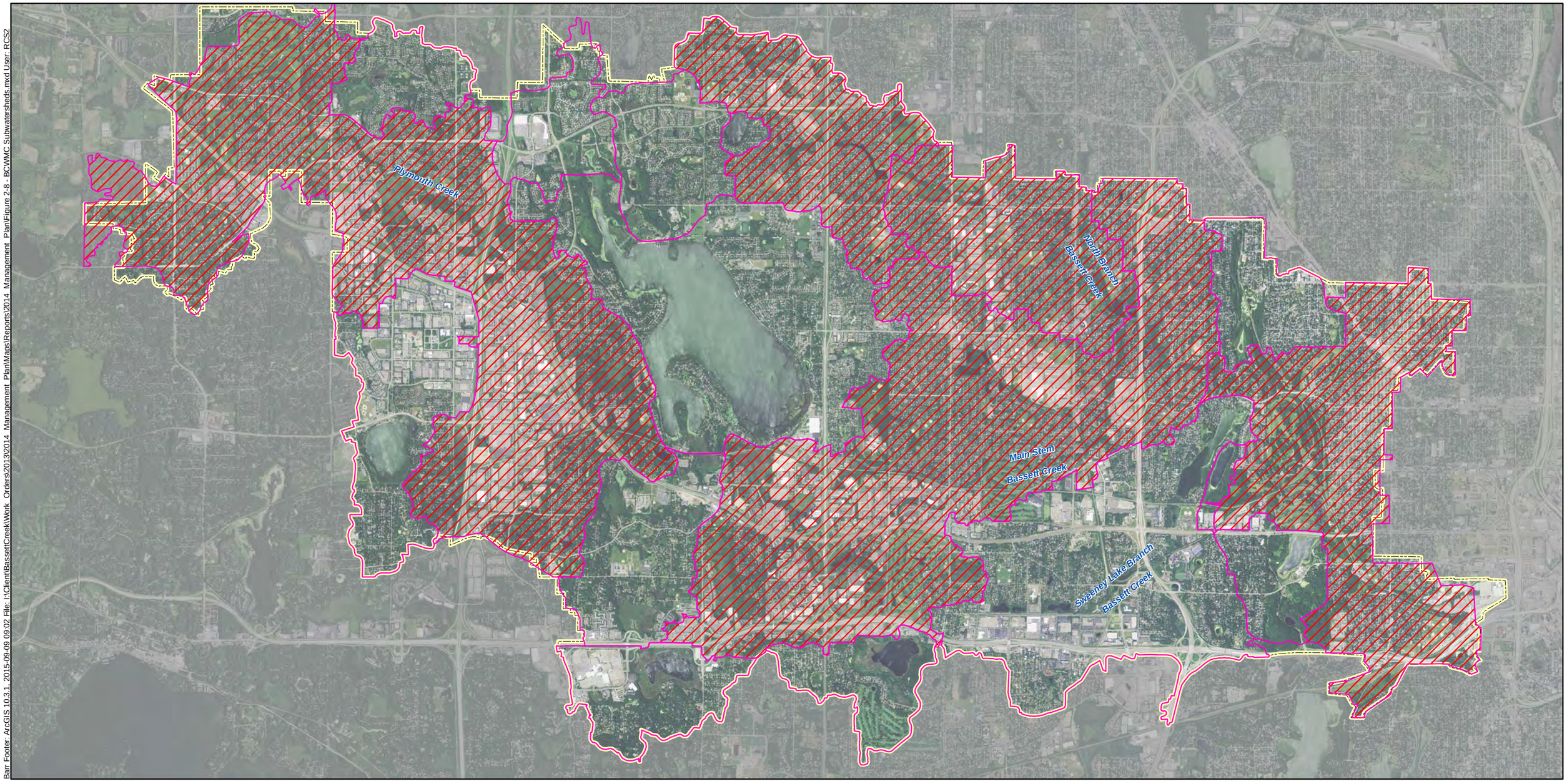
4,000 0 4,000

Watersheds are highlighted only if the first downstream waterbody pond or lake has an approved TMDL. Note that all watersheds are ultimately tributary to Bassett Creek, which is included in the Mississippi River Bacteria TMDL and Twin Cities Metro Area Chloride TMDL.

Figure 3A
CIP PRIORITIZATION

WATERSHEDS TRIBUTARY TO
WATERS WITH NUTRIENT TMDLS
Bassett Creek Watershed
Management Commission

Bassett Creek Watershed Management Commission



BCWMC Political Boundary

Subwatersheds tributary to TMDL (Bacteria)

Major Subwatersheds (2015 Plan)

N

Feet

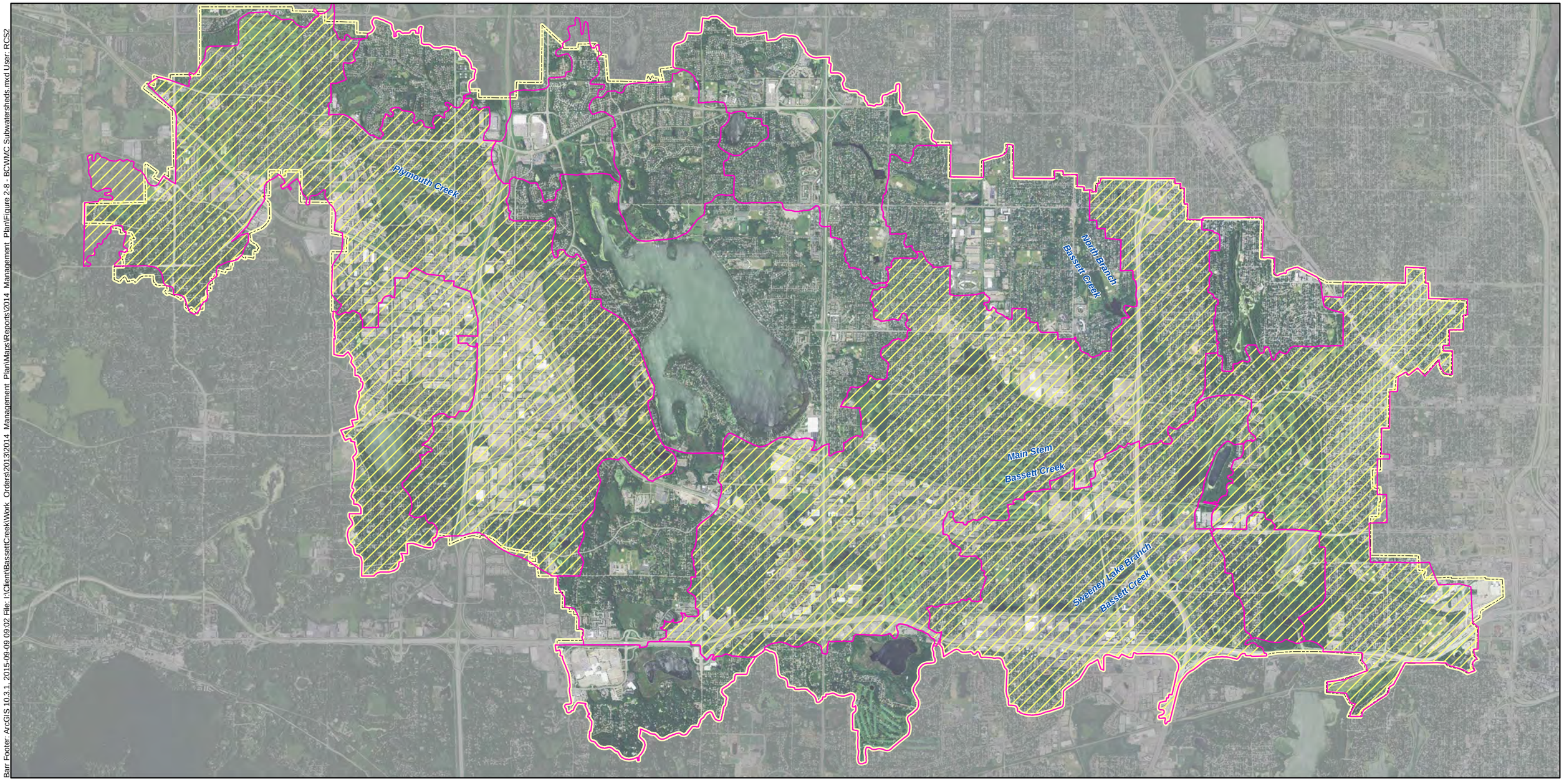
4,000 0 4,000

Watersheds are highlighted only if the first downstream waterbody pond or lake has an approved TMDL. Note that all watersheds are ultimately tributary to Bassett Creek, which is included in the Mississippi River Bacteria TMDL and Twin Cities Metro Area Chloride TMDL.

Figure 3B
CIP PRIORITIZATION

WATERSHEDS TRIBUTARY TO
WATERS WITH BACTERIA TMDLS
Bassett Creek Watershed
Management Commission

Bassett Creek Watershed Management Commission



BCWMC Political Boundary

Subwatersheds tributary to TMDL (Chloride)

Major Subwatersheds (2015 Plan)

N

Feet

4,000 0 4,000

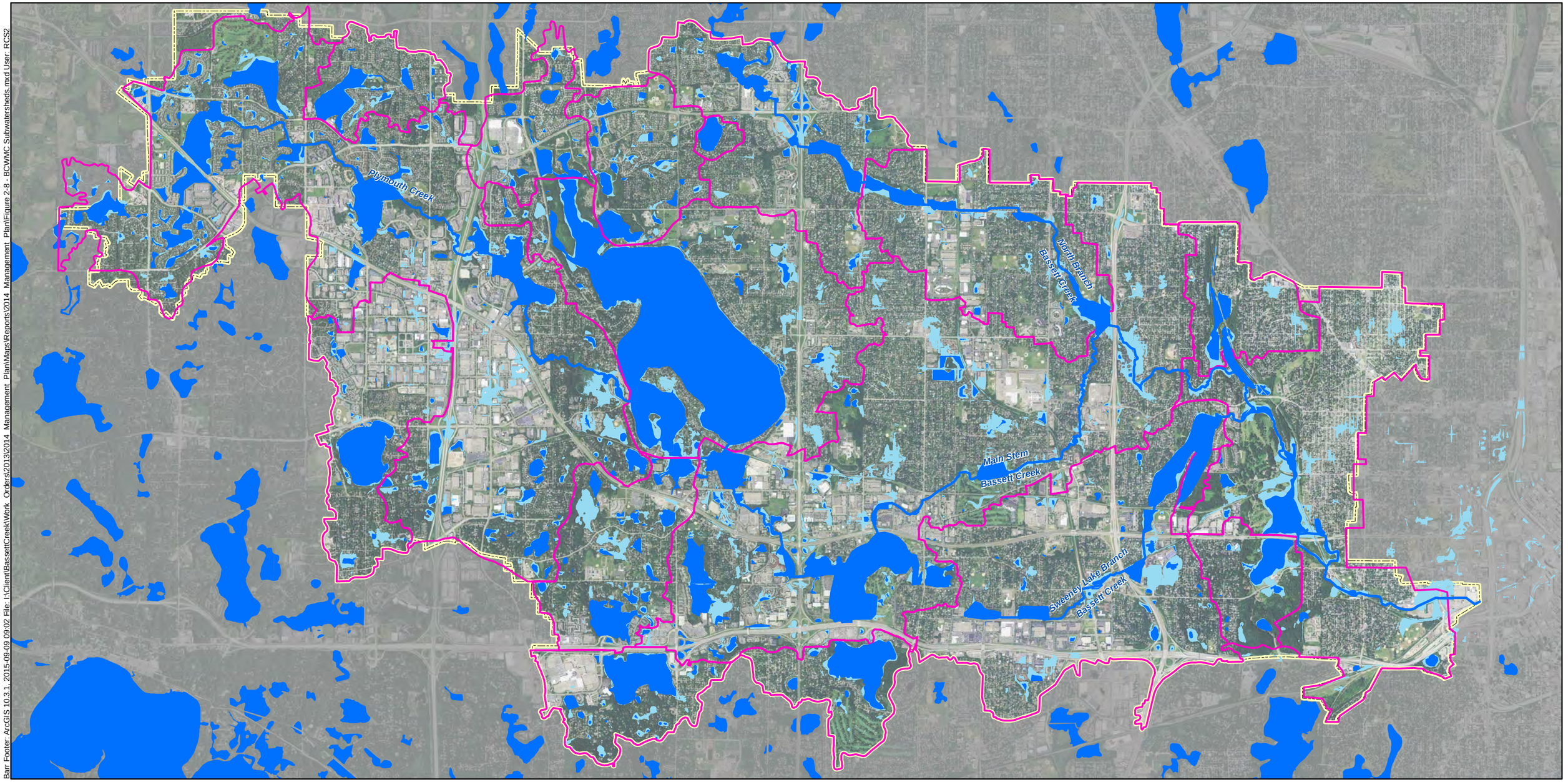
Watersheds are highlighted only if the first downstream waterbody pond or lake has an approved TMDL. Note that all watersheds are ultimately tributary to Bassett Creek, which is included in the Mississippi River Bacteria TMDL and Twin Cities Metro Area Chloride TMDL.

Figure 3C
CIP PRIORITIZATION

WATERSHEDS TRIBUTARY TO WATERS WITH CHLORIDE TMDLS
Bassett Creek Watershed Management Commission

Bassett Creek Watershed Management Commission

Barr Footer: ArcGIS 10.3.1, 2015-09-09 09:02 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Maps\Reports\2014 Management Plan\Figure 2-8 - BCWMC Subwatersheds.mxd User: RCS2



- BCWMC Political Boundary
- Trunk System Creeks
- Major Subwatersheds (2015 Plan)
- Lakes and Ponds (including Trunk System basins)
- 100-Year Flood Inundation

N

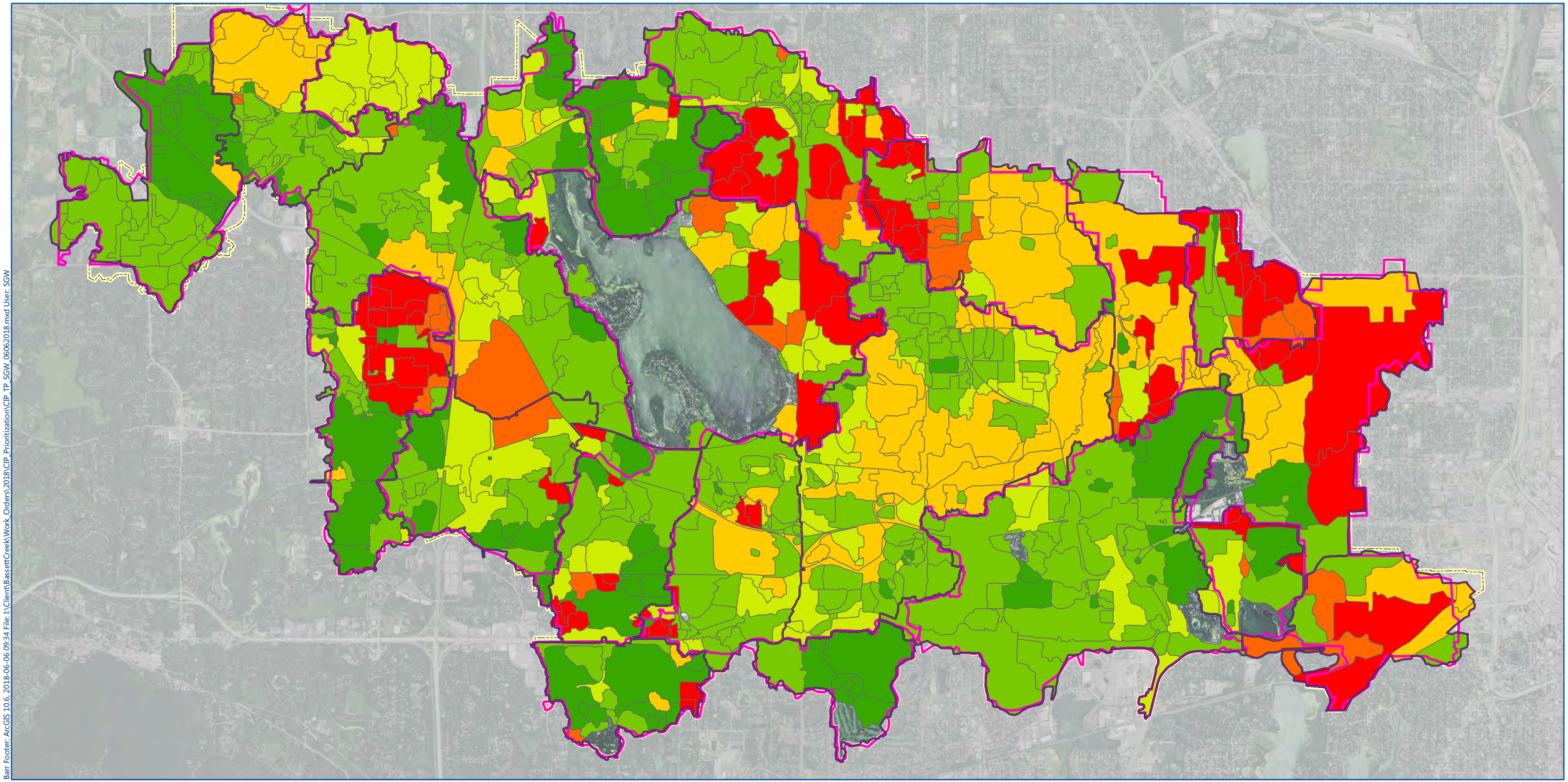
Feet

4,000 0 4,000

Figure 4
CIP PRIORITIZATION

ATLAS 14 FLOODPLAIN
Bassett Creek Watershed
Management Commission

Bassett Creek Watershed Management Commission



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BCWMC Political Boundary

Major Subwatersheds (2015 Plan)

P8 Major Watersheds (2015)

Flow weighted total phosphorus (mg/L)

- < 0.10 mg/L
- 0.10 - 0.15 mg/L
- 0.15 - 0.20 mg/L
- 0.20 - 0.25 mg/L
- 0.25 - 0.30 mg/L
- > 0.30 mg/L

N

Feet

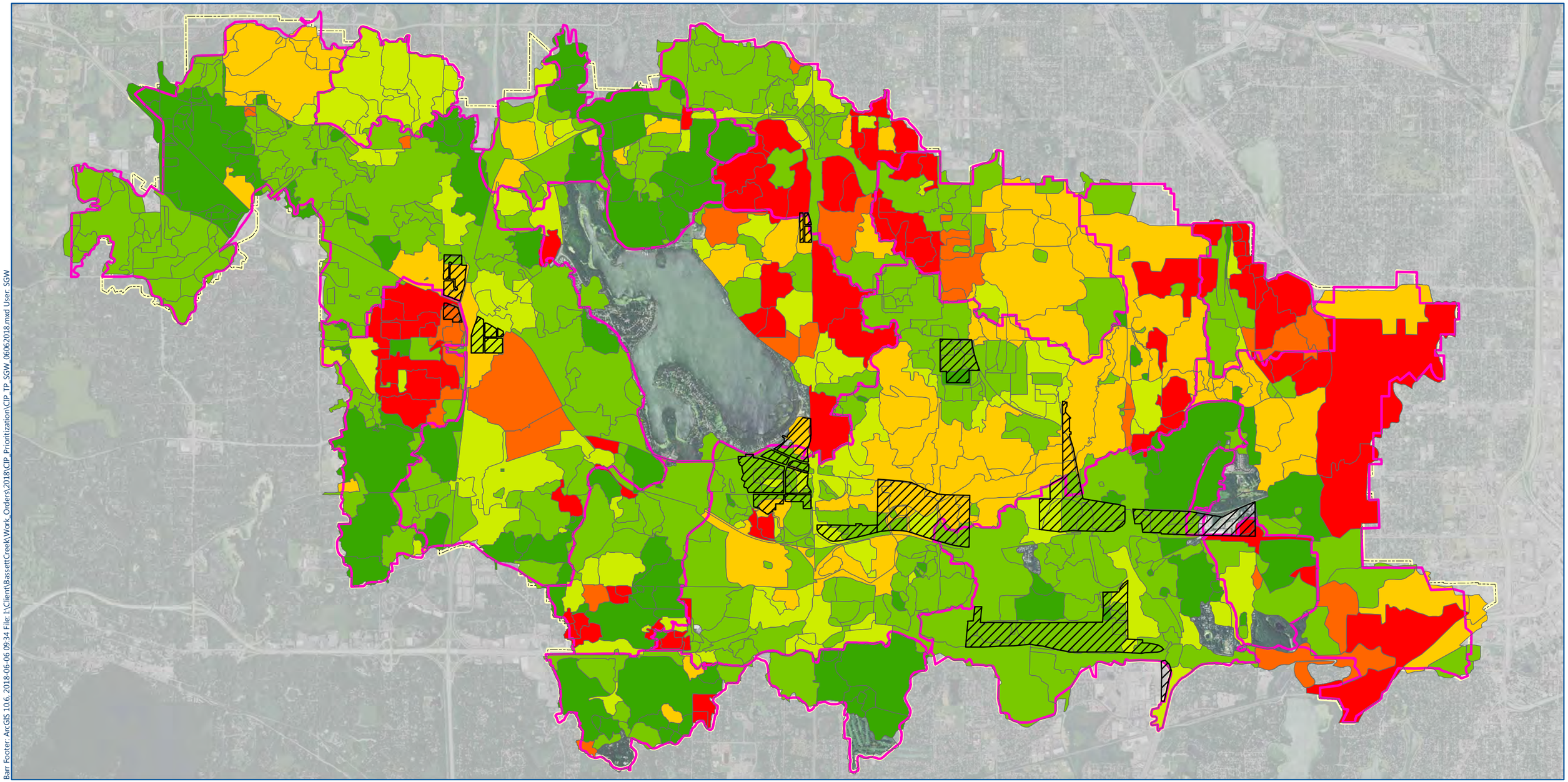
4,000 0 4,000

Phosphorus data reflect flow weighted total phosphorus concentrations at subwatershed outlet and include treatment from existing BMPs.

Figure 5
CIP PRIORITIZATION

TOTAL PHOSPHORUS LOADING
FROM P8 MODEL
Bassett Creek Watershed
Management Commission

Bassett Creek Watershed Management Commission



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Golden Valley Redevelopment Areas

Plymouth Study Areas

BCWMC Political Boundary

Major Subwatersheds (2015 Plan)

P8 Major Watersheds (2015)

Flow weighted total phosphorus (mg/L)

- < 0.10 mg/L
- 0.10 - 0.15 mg/L
- 0.15 - 0.20 mg/L
- 0.20 - 0.25 mg/L
- 0.25 - 0.30 mg/L
- > 0.30 mg/L

N

Feet

4,000 0 4,000

Phosphorus data reflect flow weighted total phosphorus concentrations at subwatershed outlet and include treatment from existing BMPs.

Figure 6
CIP PRIORITIZATION

TOTAL PHOSPHORUS LOADING (P8) AND REDEVELOPMENT/LAND USE STUDY AREAS
Bassett Creek Watershed
Management Commission

Bassett Creek Watershed Management Commission

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Golden Valley Land Use Changes

Plymouth Study Areas

BCWMC Political Boundary

Major Subwatersheds (2015 Plan)

P8 Major Watersheds (2015)

Flow weighted total phosphorus (mg/L)

- < 0.10 mg/L
- 0.10 - 0.15 mg/L
- 0.15 - 0.20 mg/L
- 0.20 - 0.25 mg/L
- 0.25 - 0.30 mg/L
- > 0.30 mg/L

N

Feet

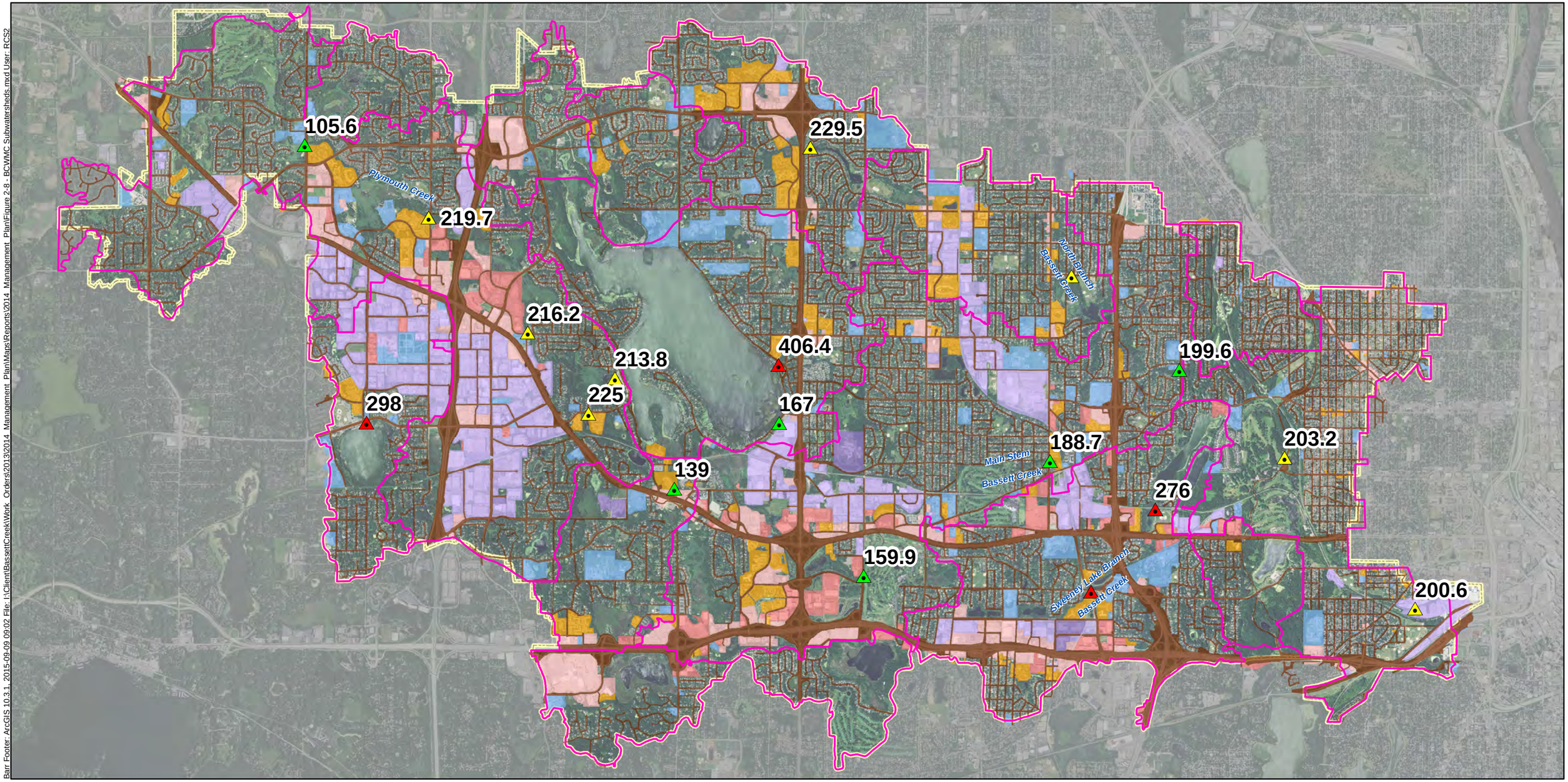
4,000 0 4,000

Phosphorus data reflect flow weighted total phosphorus concentrations at subwatershed outlet and include treatment from existing BMPs.

Figure 7
CIP PRIORITIZATION

TOTAL PHOSPHORUS LOADING (P8) AND LAND USE CHANGES/ STUDY AREAS
Bassett Creek Watershed Management Commission

Bassett Creek Watershed Management Commission



BCWMC Political Boundary

Major Subwatersheds (2015 Plan)

Chloride Sample Points

- <200 mg/L
- 200 - 250 mg/L
- >250 mg/L

Land Use (MetCouncil, 2010)

- Multifamily
- Retail and Other Commercial
- Office
- Mixed Use Commercial and Other
- Mixed Use Industrial
- Industrial and Utility
- Institutional
- Transportation Right-of-Way

N

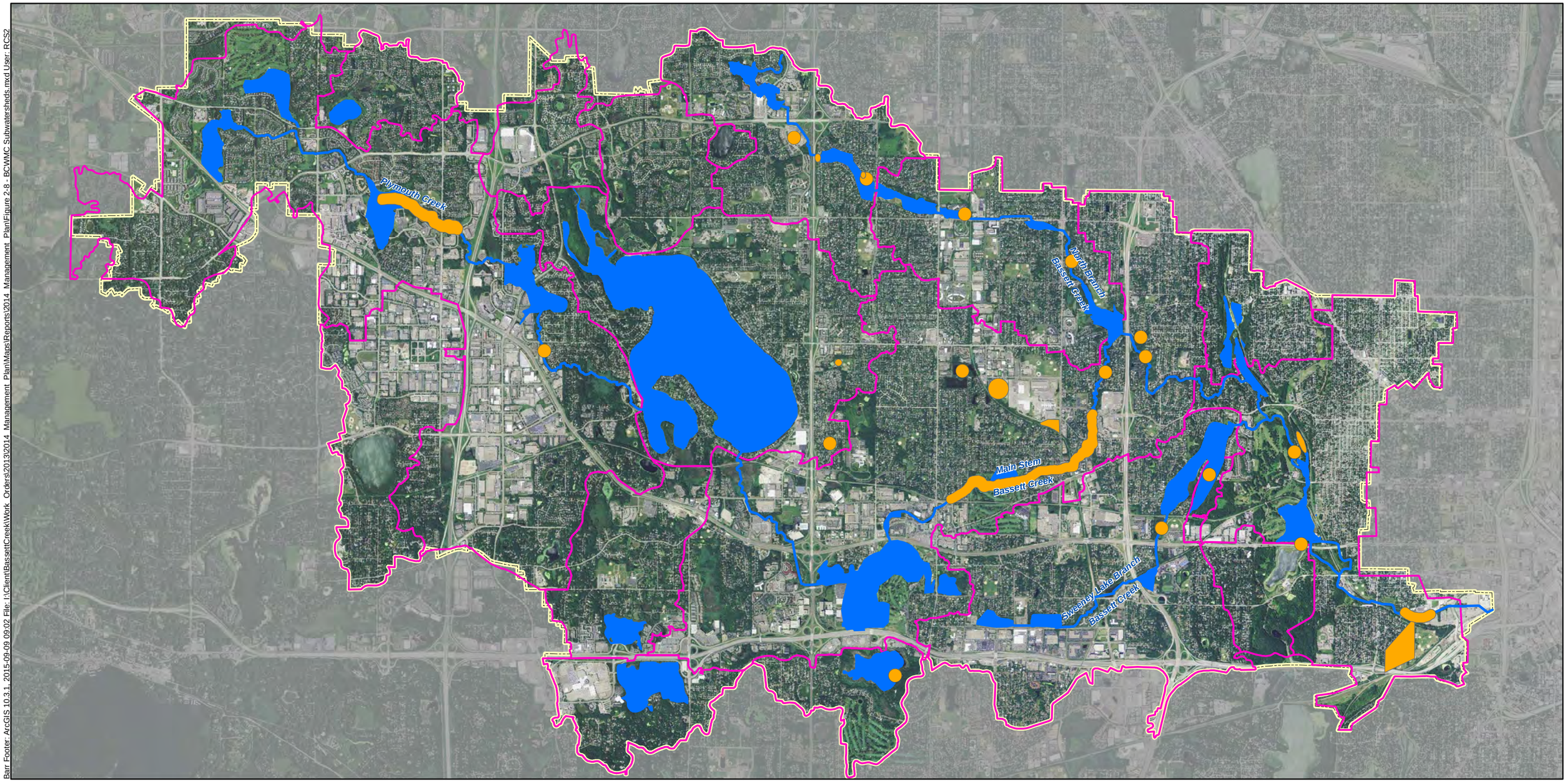
Feet

4,000 0 4,000

Figure 8
CIP PRIORITIZATION

CHLORIDE CONCENTRATIONS
AND HIGH DENSITY LAND USE
Bassett Creek Watershed
Management Commission

Bassett Creek Watershed Management Commission



BCWMC Political Boundary
Trunk System Creeks
Trunk System Basins
Major Subwatersheds (2015 Plan)
CIP Projects (2011 - 2020)

N

Feet
4,000 0 4,000

Figure 9
CIP PRIORITIZATION

BCWMC CIP PROJECT LOCATIONS
Bassett Creek Watershed
Management Commission

Bassett Creek Watershed Management Commission