



Coordinating Water Quality
Improvement Efforts
in the Lower Fox River Watershed



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Fox-Wolf Watershed Alliance



15 Sub-watersheds

Each with TMDL criteria
for Phosphorus and
Suspended Solids

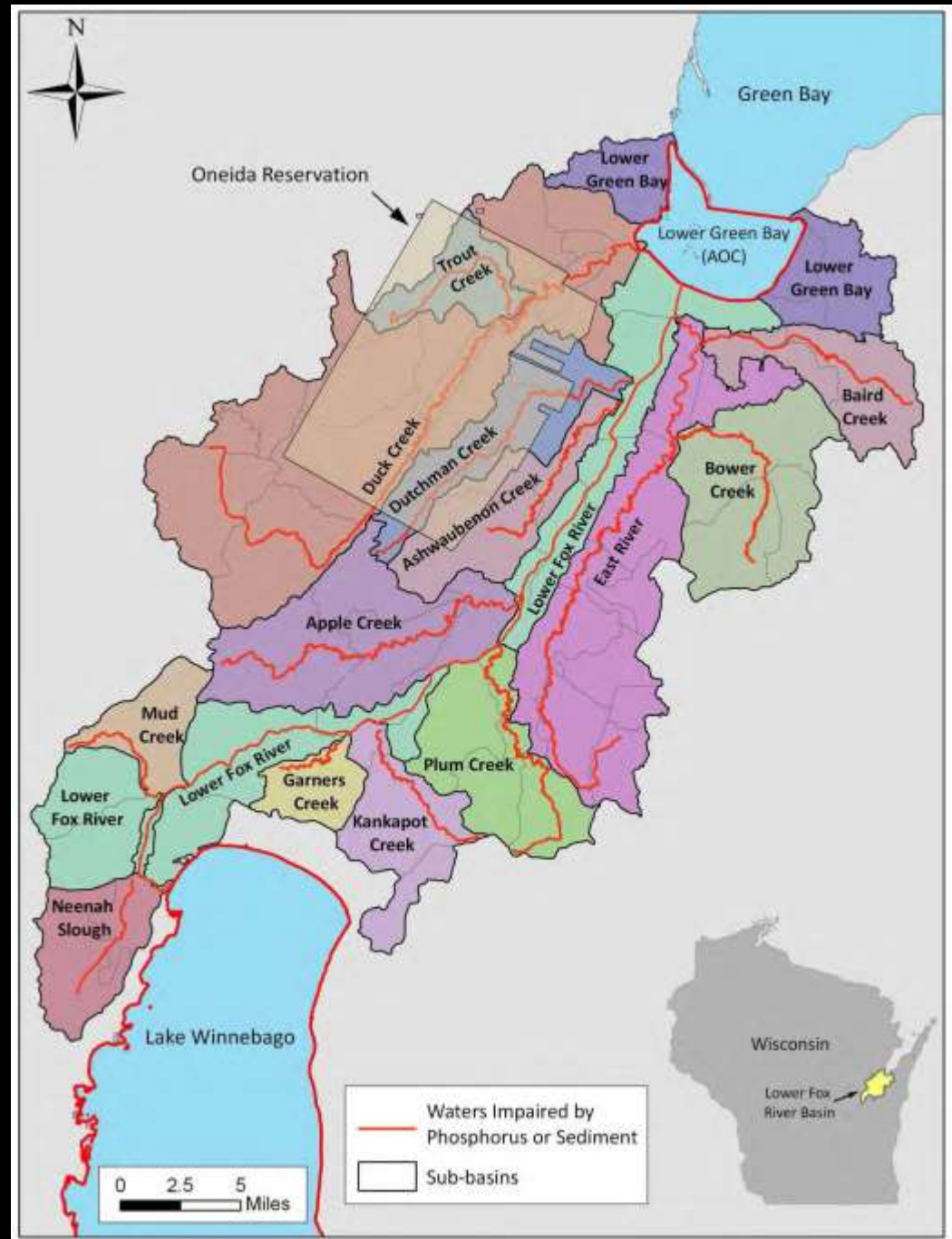


Figure from the Lower Fox River TMDL Report, March 2012

4 Counties 1 Tribe

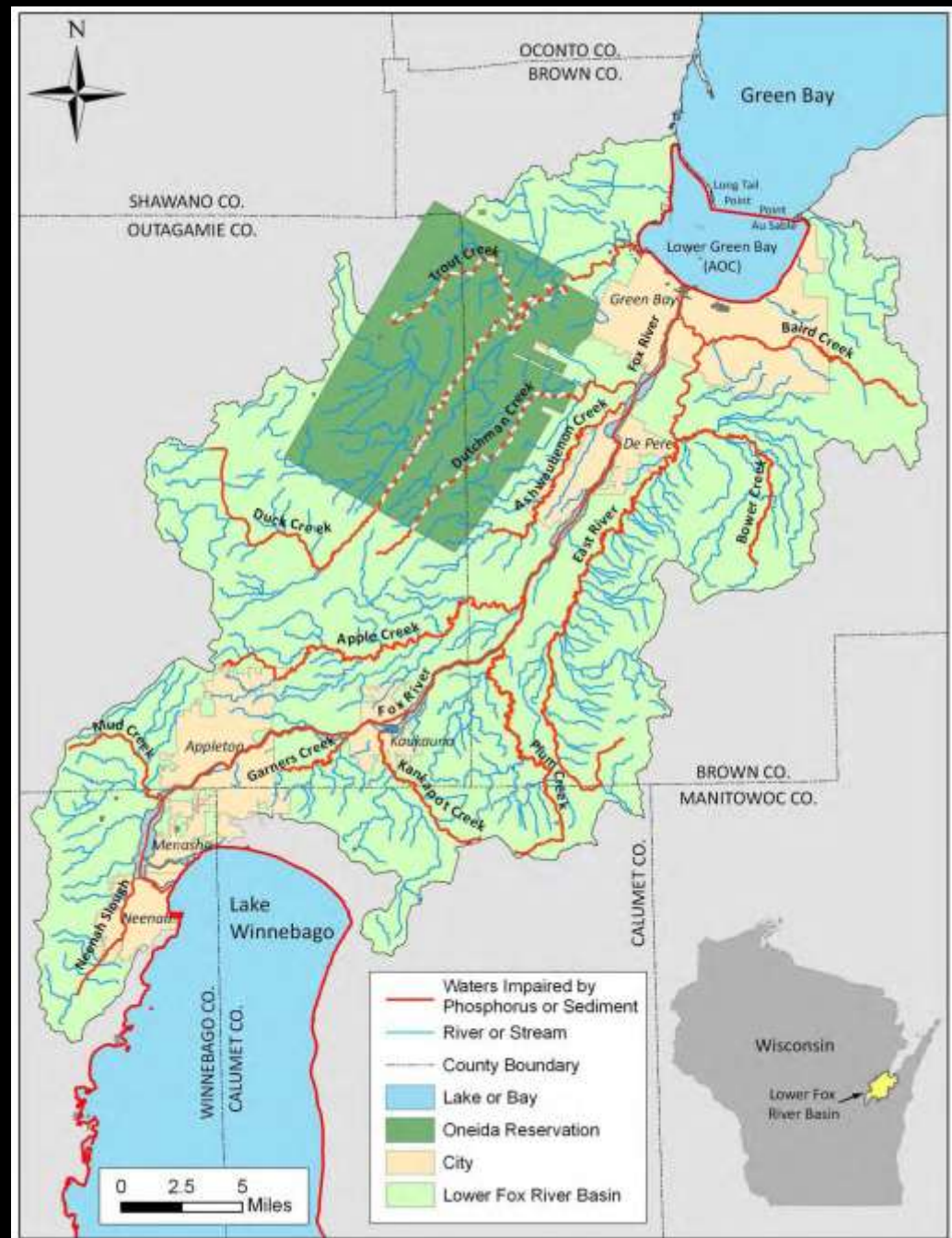


Figure from the Lower Fox River TMDL Report, March 2012

Land Use:

~ 50% Agriculture

~ 35% Urban

~ 15% Natural Areas

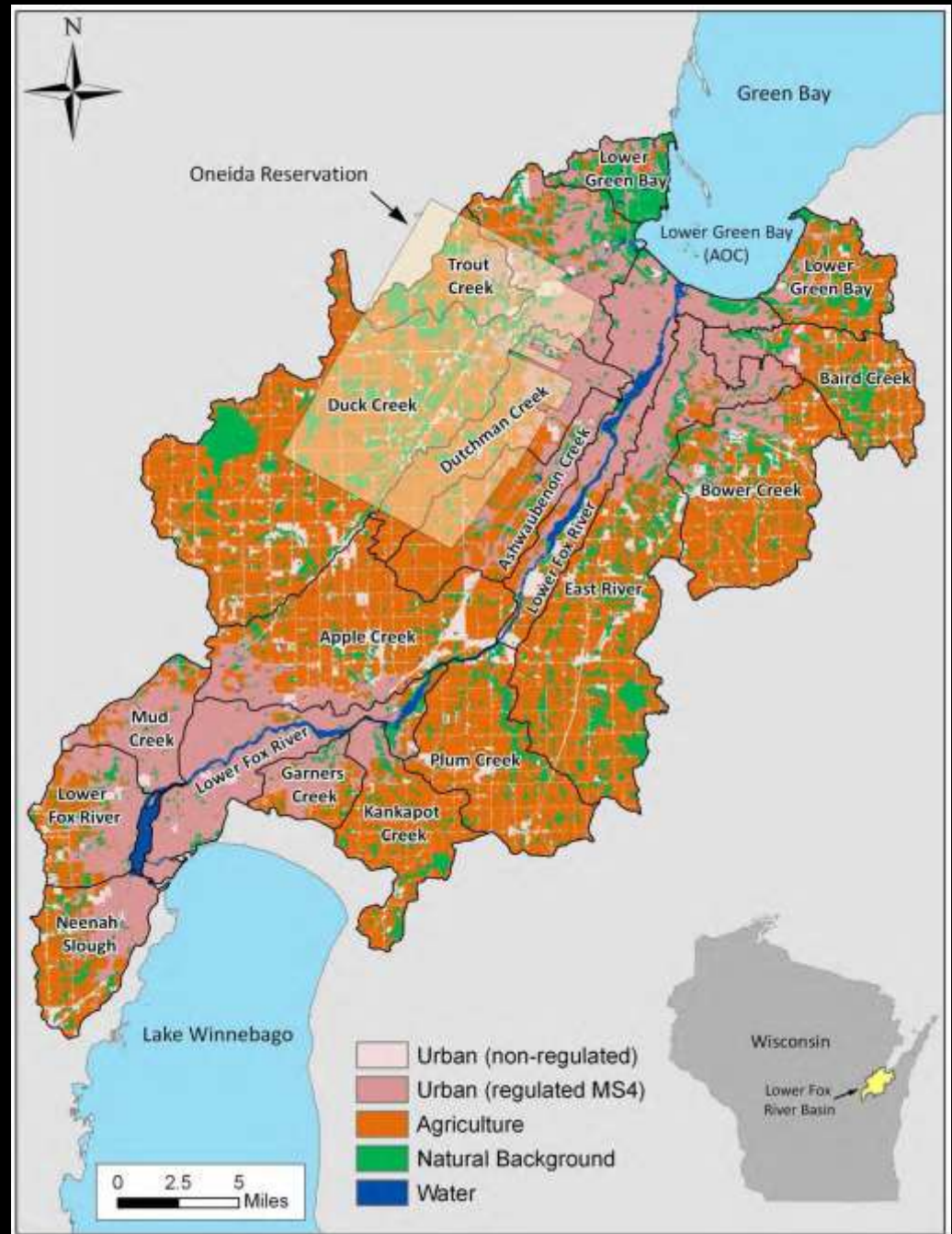


Figure from the Lower Fox River TMDL Report, March 2012

At the time the TMDL was developed

20 Industrial
14 Municipal

Waste Water
Treatment Facilities

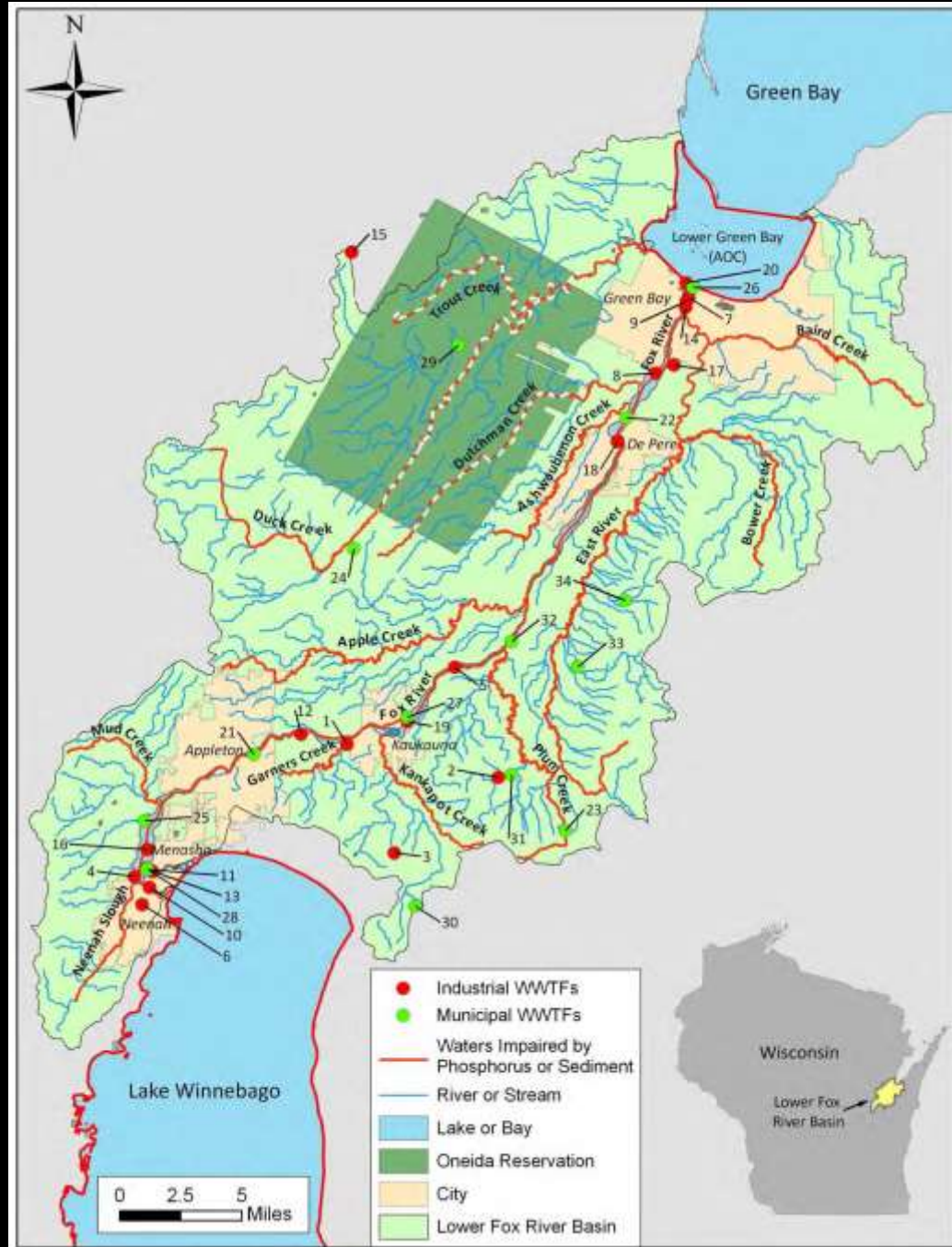
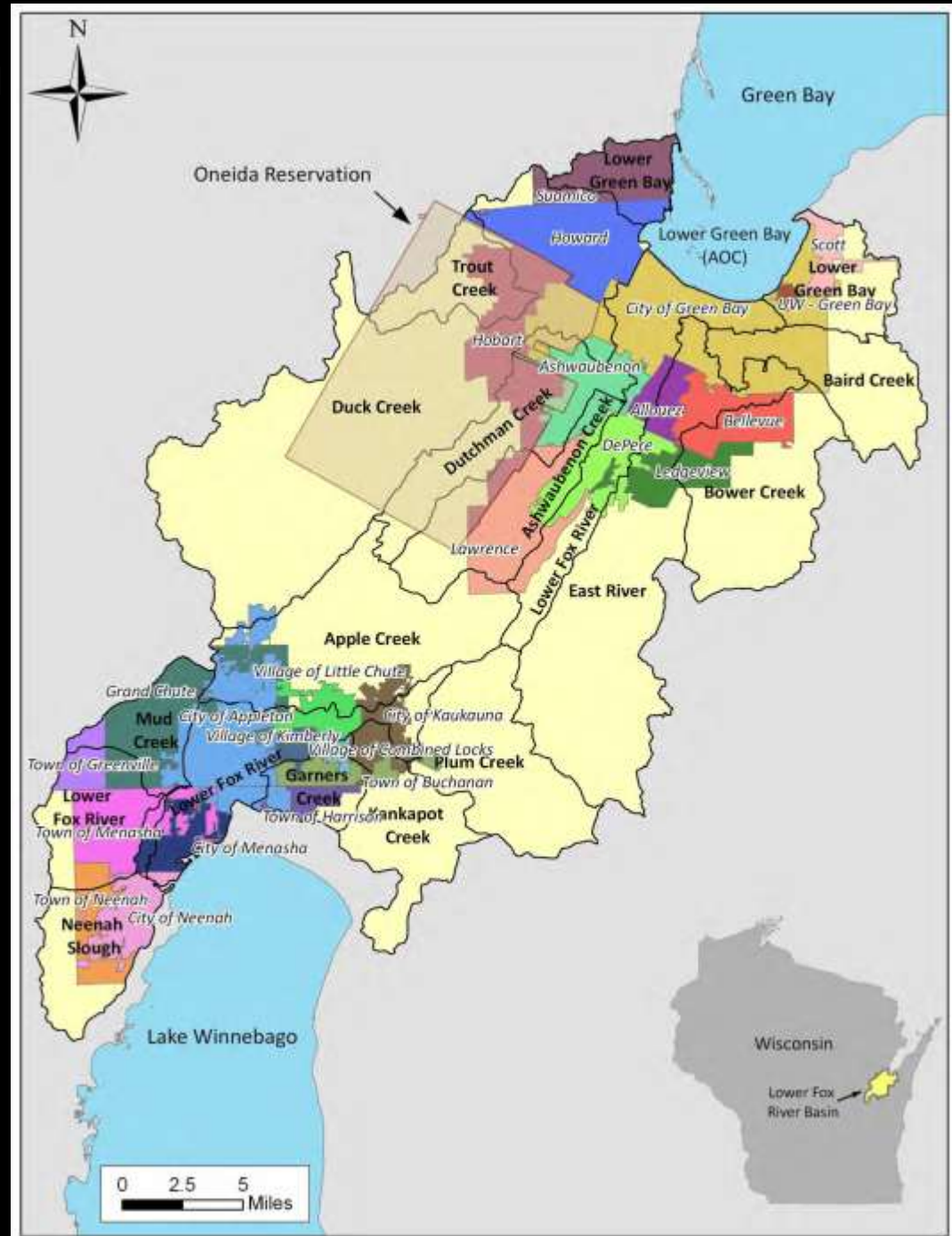


Figure from the Lower Fox River TMDL Report, March 2012

At the time the TMDL was developed

29 MS4s



At the time the TMDL was developed

15 CAFOs

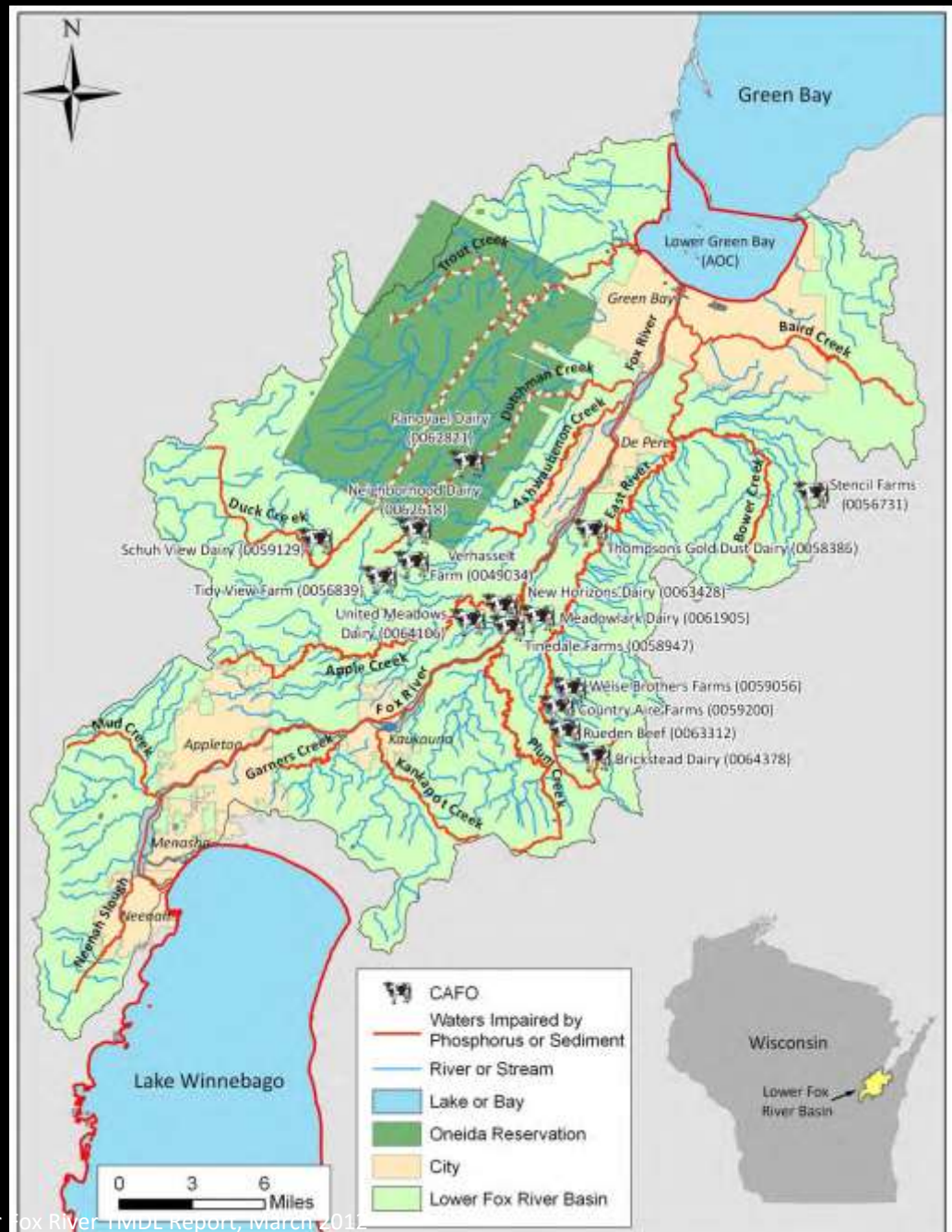


Figure from the Lower Fox River TMDL Report, March 2012

TMDL Implementation



So here we are.... Ready to implement the TMDL??

Advancing Watershed Compliance Options



Building on the WDNR Water Quality Trading Guidance, the Fox P Trade project is advancing Water Quality Trading in the Lower Fox River



- Contracts
- Credit Calculation
- Certification
- Verification
- Program Framework

Advancing Watershed Compliance Options

Adaptive Management Silver Creek Pilot Project



Adaptive Management vs. Water Quality Trading

- Different End Goals
- Monitoring
- Timing
- Quantifying reductions needed
- Eligibility

Advancing Watershed Compliance Options

Statewide Phosphorus Multi-Discharger Variance

Point Sources commit to step-wise reductions of phosphorus in their effluent as well as helping to address nonpoint sources of phosphorus from farm fields, cities or natural areas by contracting with a 3rd party to implement projects designed to improve water quality.

TMDL Agriculture Implementation Team



Strategic Implementation Plan



FOX-WOLF
WATERSHED ALLIANCE

So here we are....

On our way to STRATEGIC TMDL implementation



Potential Funding Sources for Agricultural Implementation:

- Water Quality Trading
- Phosphorus Variance (WI Act 378)
- Adaptive Management
- Traditional Conservation Funding
- Grants
- Donations



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