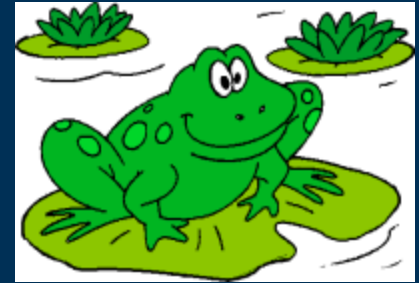


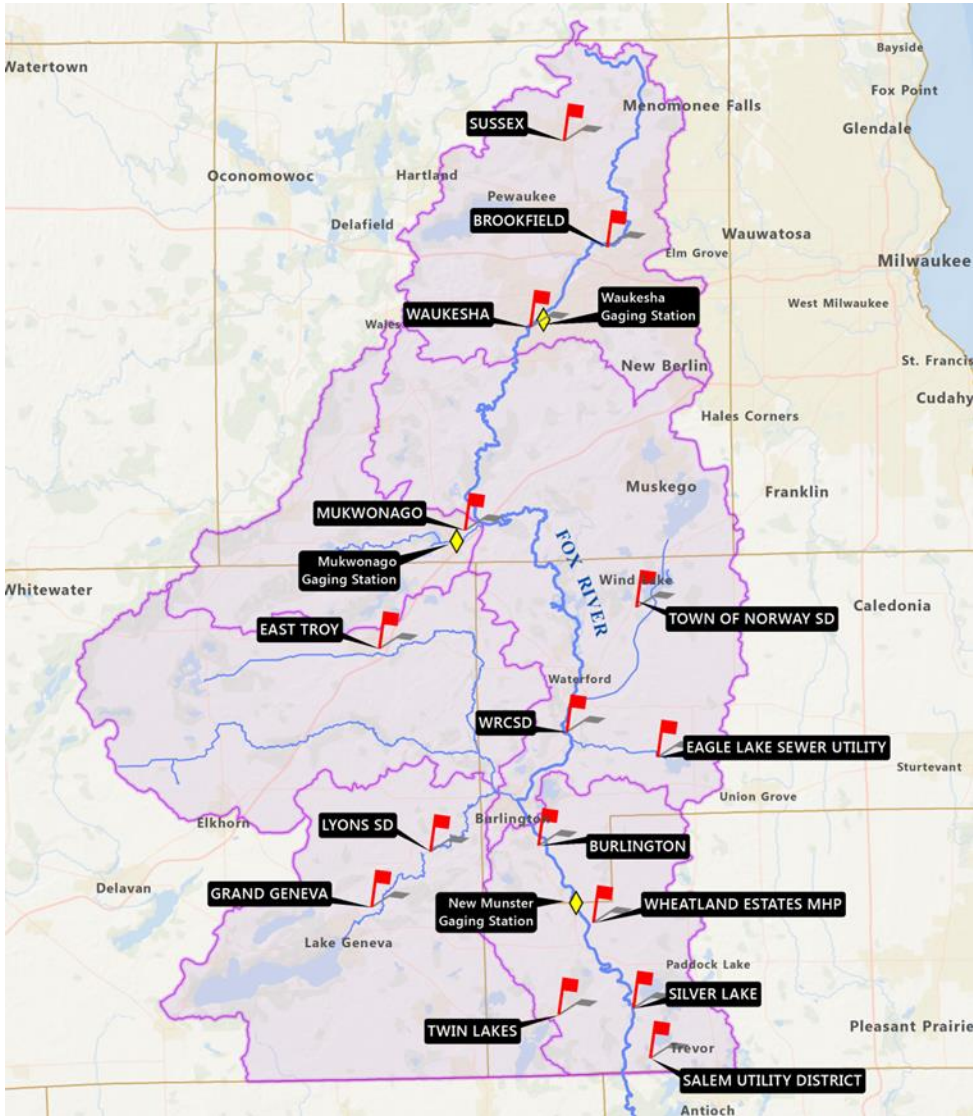
ILLINOIS FOX RIVER GROUP IFRG UPDATE

Presented by
Jim Kleinschmidt, P.E., ENV SP

March 10, 2017



Overview of Watershed and Group Members



Founding Members

- Burlington
- Western Racine SD
- Eagle Lake SD
- East Troy
- Lyons
- Town of Norway SD

Future Members?

- Twin Lakes
- Silver Lake
- Salem Utility District
- MS 4 Communities

Purpose of Illinois Fox River Group

Compliance Costs-Bricks and Mortar Solutions (WPDES Permit Requirement for Each Member-Mandatory not Voluntary)
Projected at \$100,000,000 over 20 Years

Fund Watershed Science

- Current State of River

- Qualification for a Site Specific Limit (Not Likely Based on Proposed Rules)

- Watershed Information for Variances

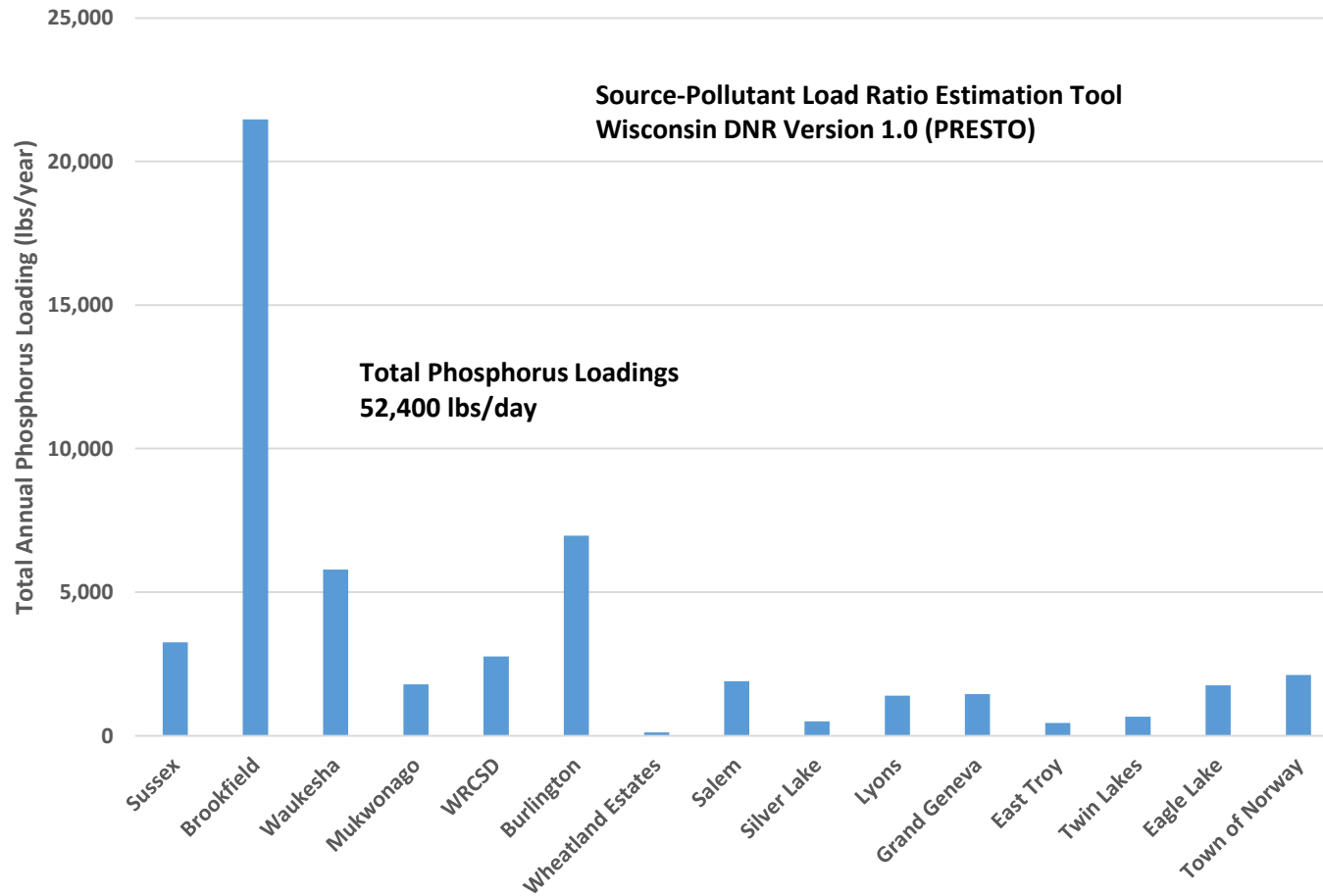
Demonstrate Need for Projects to Rate Payers

Unified Voice for Municipal WWTPs on Fox River

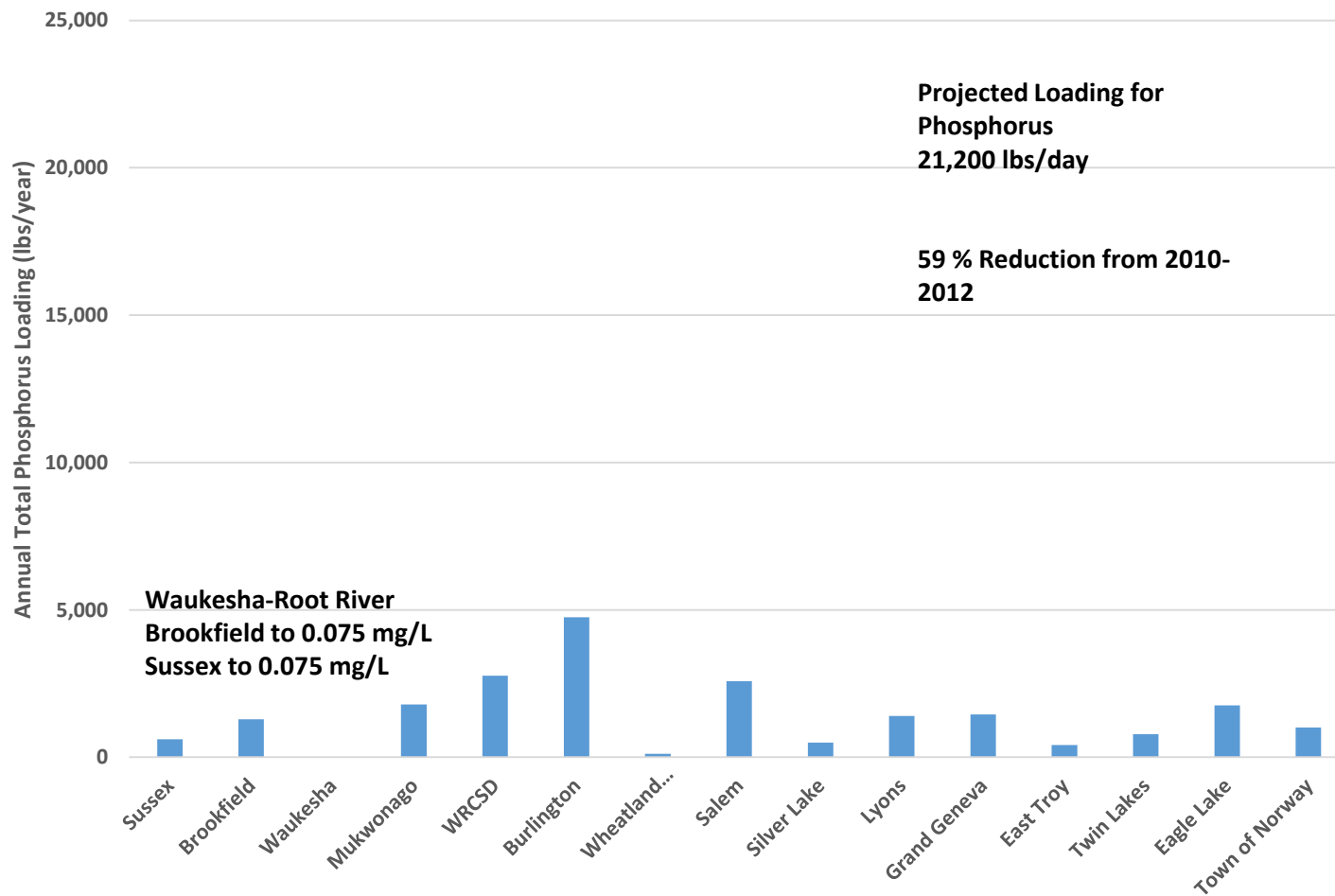
Public Information (Technical Support)



Phosphorus Loadings-Municipal WWTPs 2010-2012

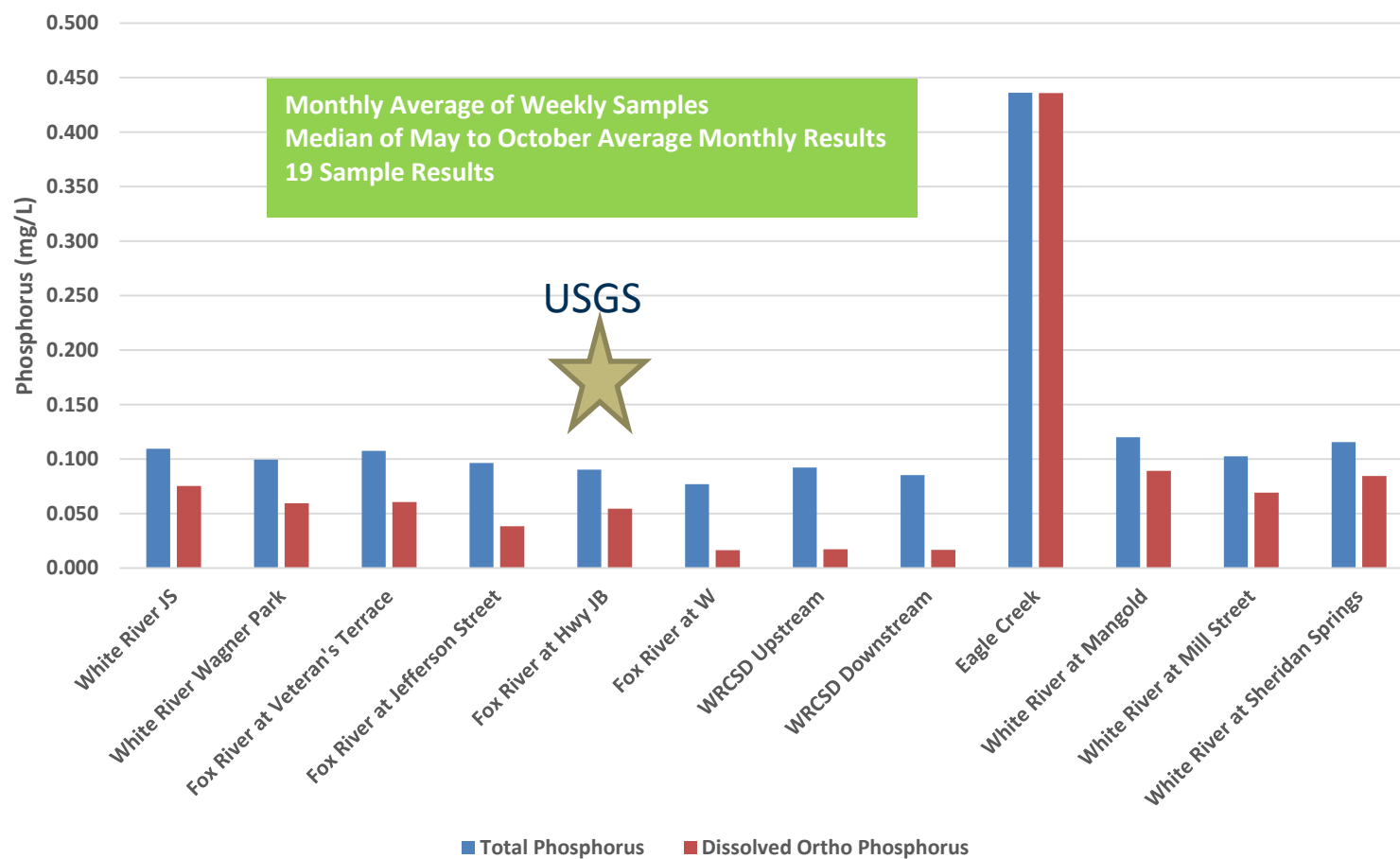


Phosphorus Loadings-Municipal WWTPs (Future-2021)



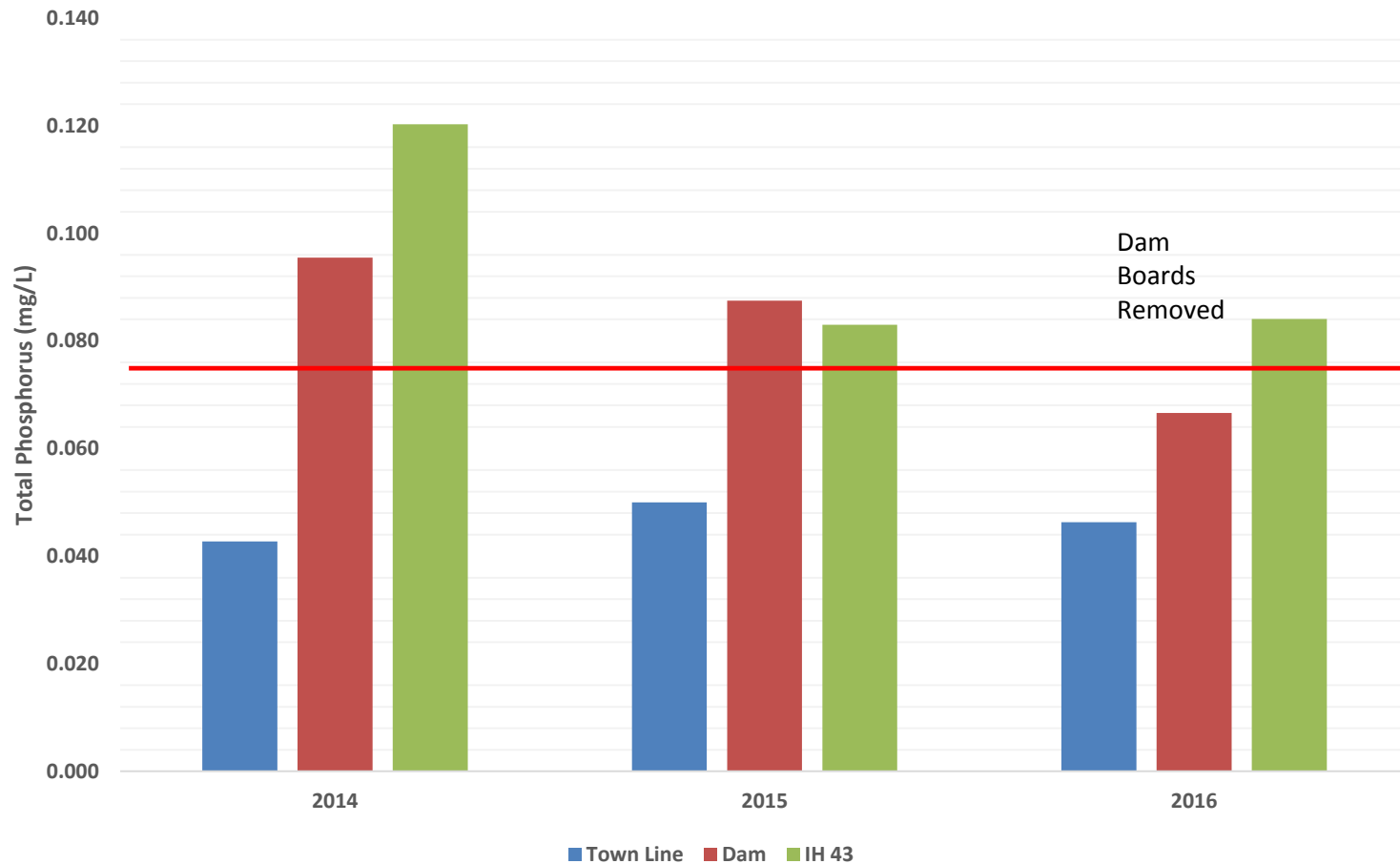
2016 Sampling Results-Burlington, WRCSD, Lyons

2016 FROG Sampling Summary(Summer Median Values)

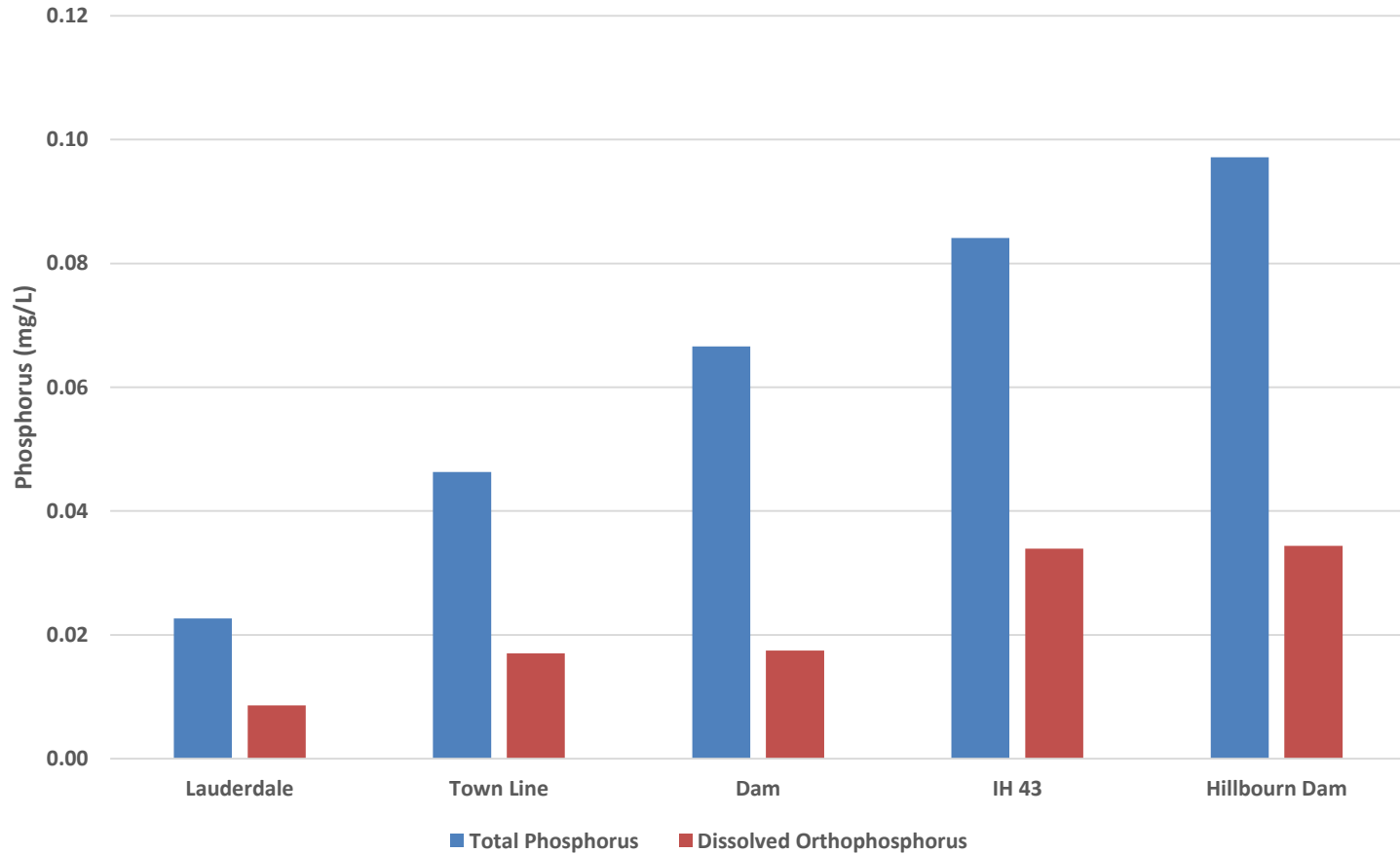


2014-2016 Sampling Results-East Troy

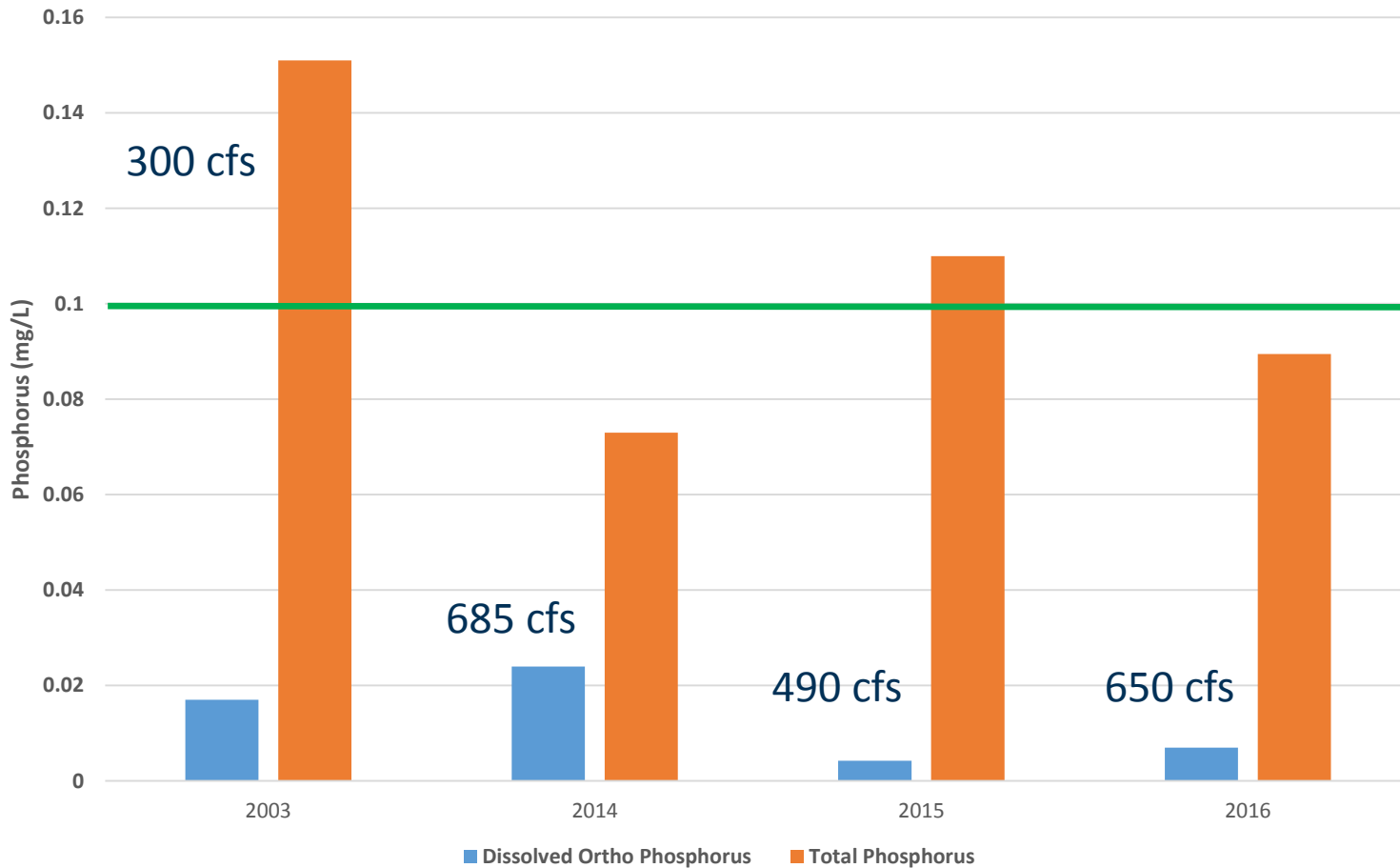
East Troy Sampling Data-Honey Creek



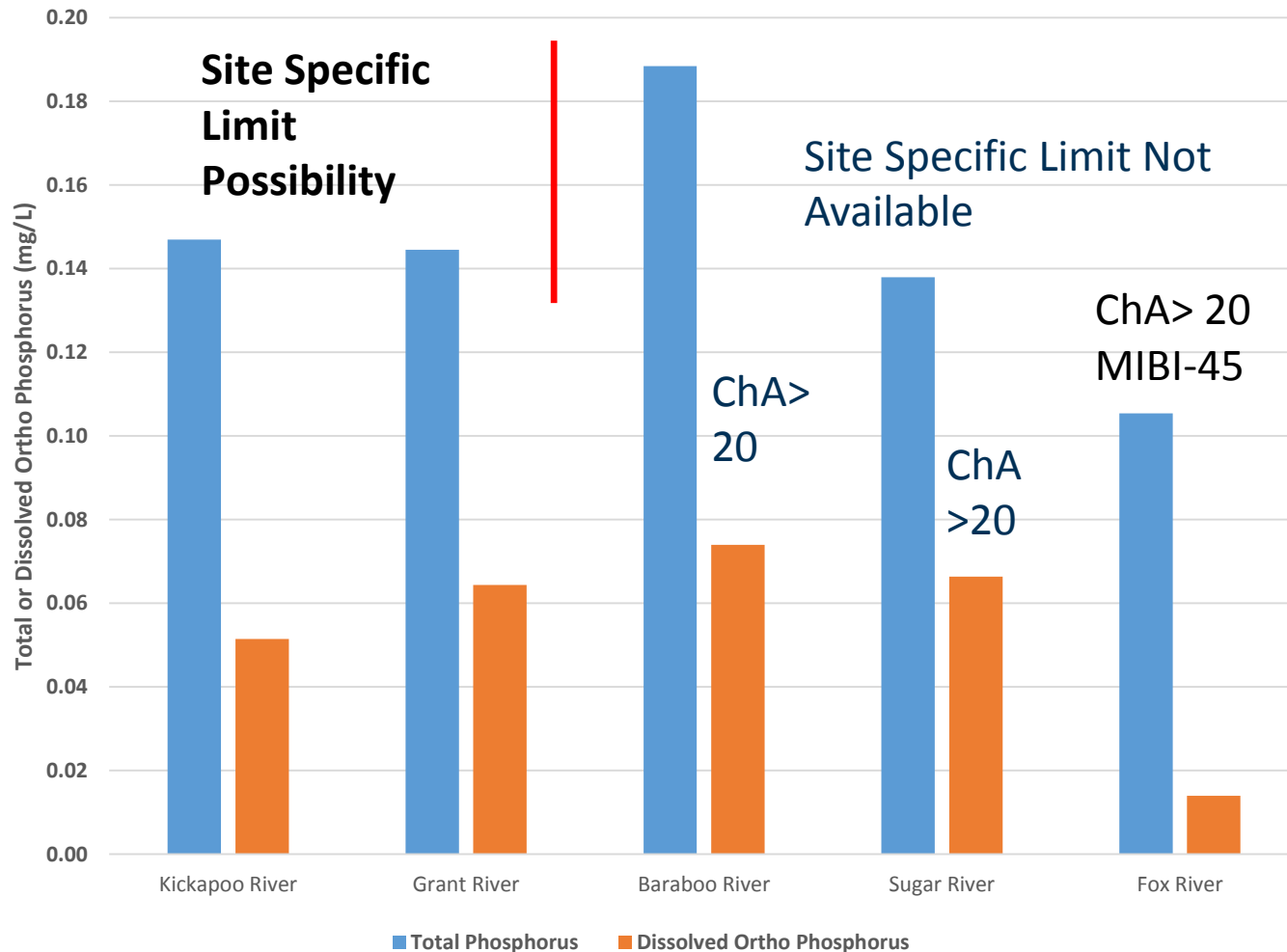
2016 Sampling Results-East Troy



USGS Data Summary at CTH JB



River Data Summary-Comparable Watersheds



Value of Watershed Science

Document Status of the Watershed

Point of Discharge

“Downstream”

Identify Overly Protective Water Quality Criteria

Document Individual Variance Conditions

Potential Long-Term Cost Savings

Multi-Discharger Variance

Variance

Educate the Public on the Quality of the Lower Fox River

Tasks for 2017

Tasks for 2017

Search for Funding Sources

Sampling-Chemistry

Preliminary Work on Watershed Science Work Plan

Acknowledgements

City of Burlington-Craig Workman, Jim Bergles, Donny Hefty, Carina Walters, Laurie Jeffers, Nate Steffen, Jessie Medrow

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Western Racine County Sewerage District-Jeff Bratz

Eagle Lake Sanitary District-Jeff Bratz

Town of Norway Sanitary District-P.J.Nolan

Lyons Sanitary District No. 2-Bob Biedrzycki

Jim Smith-ATI

Paul Kent-East Troy Legal Adviser

Tim Pruitt-WRCSD Attorney, Town of Norway, Eagle Lake

John Bjelajac-Burlington City Attorney

