



Phosphorus Compliance In Wisconsin: Statewide Summary

Government Affairs Seminar 2019



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Timeline to Implementation:

2011: Reissue
Permits with
Phosphorus
Limits

2020: 9-Year
P Compliance
Schedules
Conclude

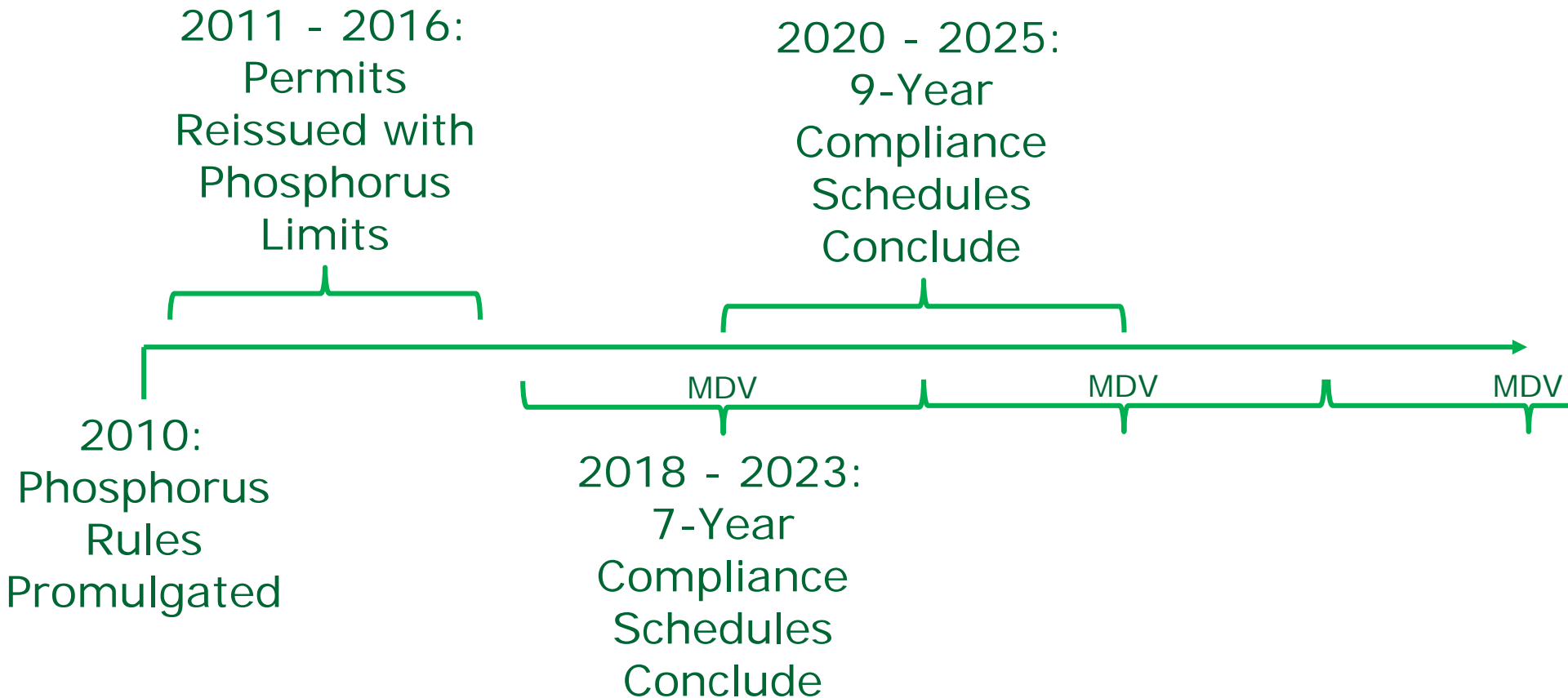
2010:
Phosphorus
Rules
Promulgated

2018: 7-Year
P Compliance
Schedule
Concludes



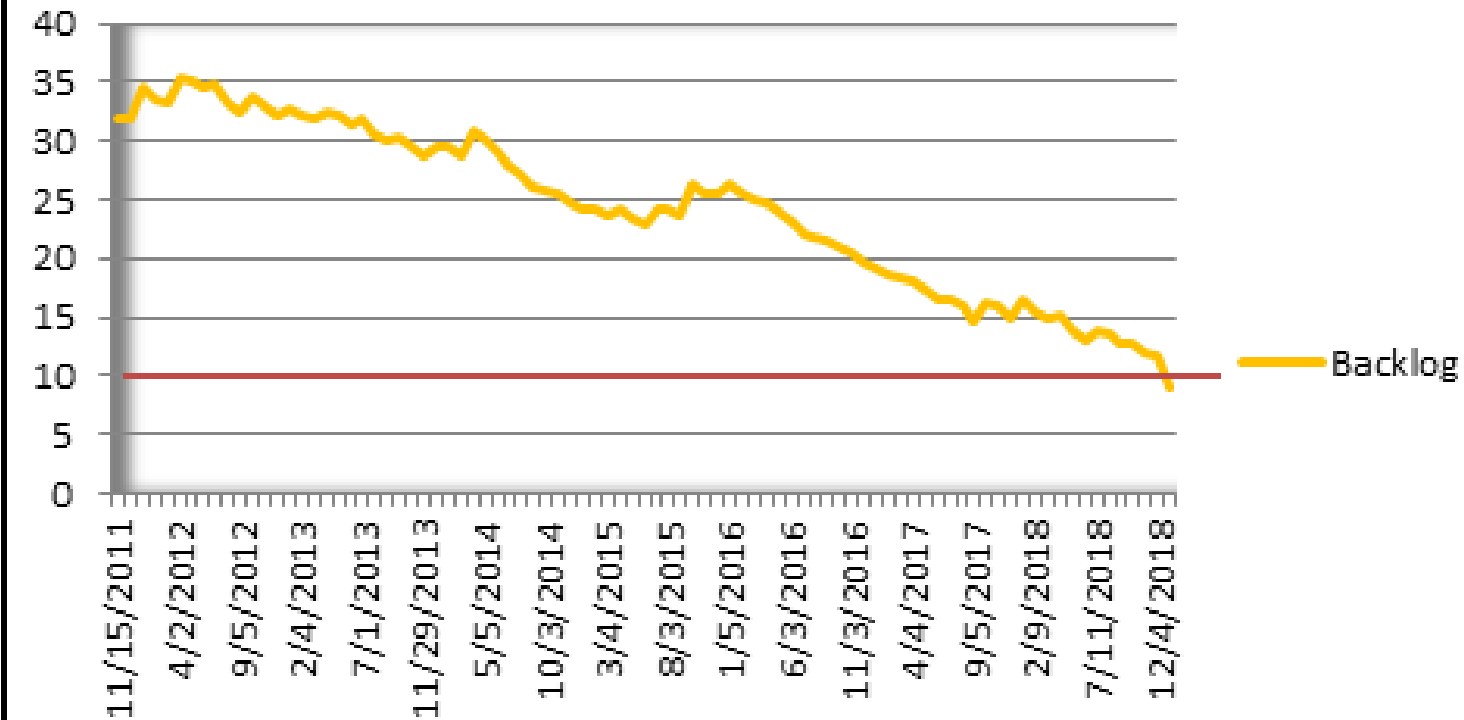


Timeline to Implementation:





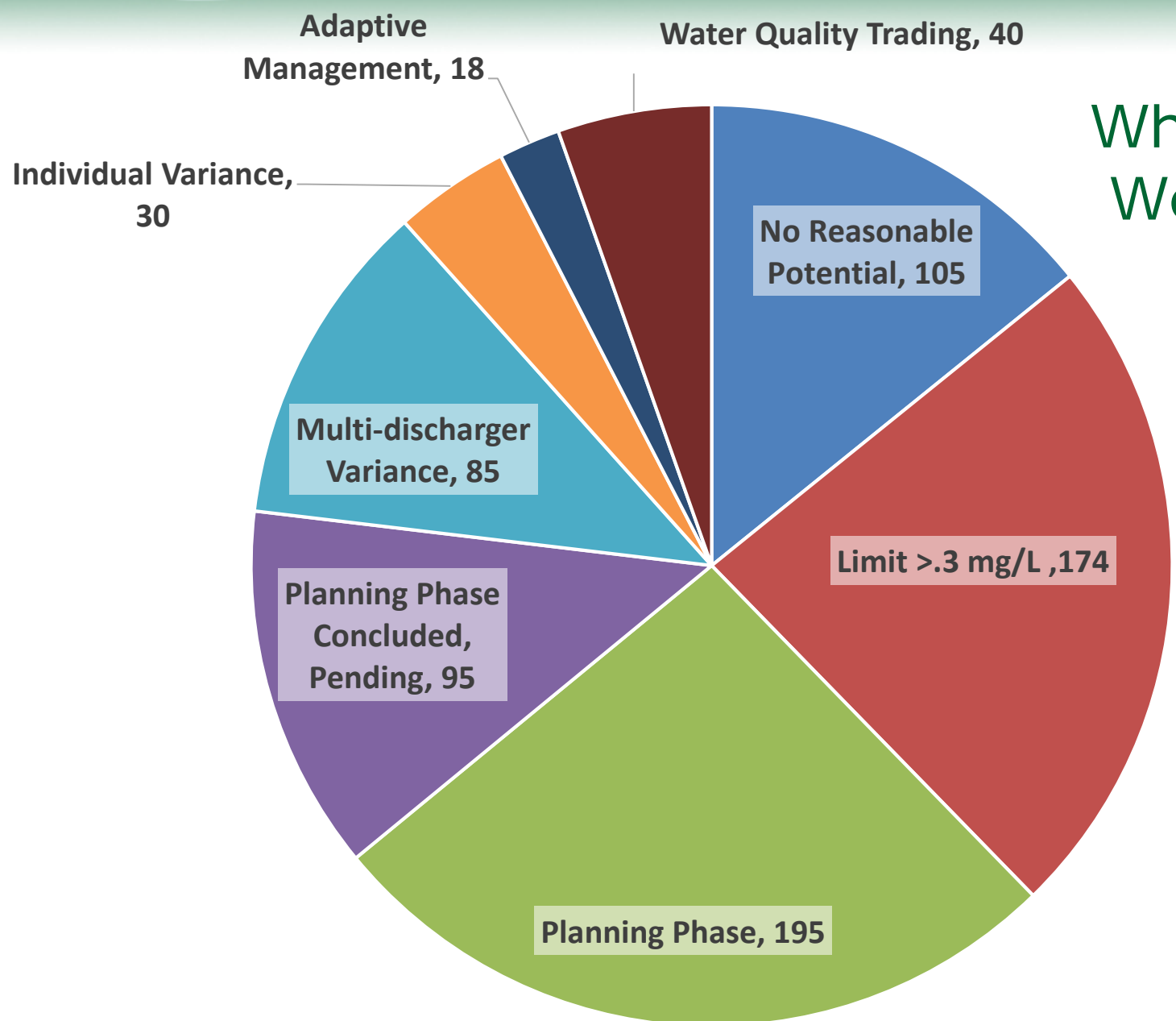
Backlog 2011-Present

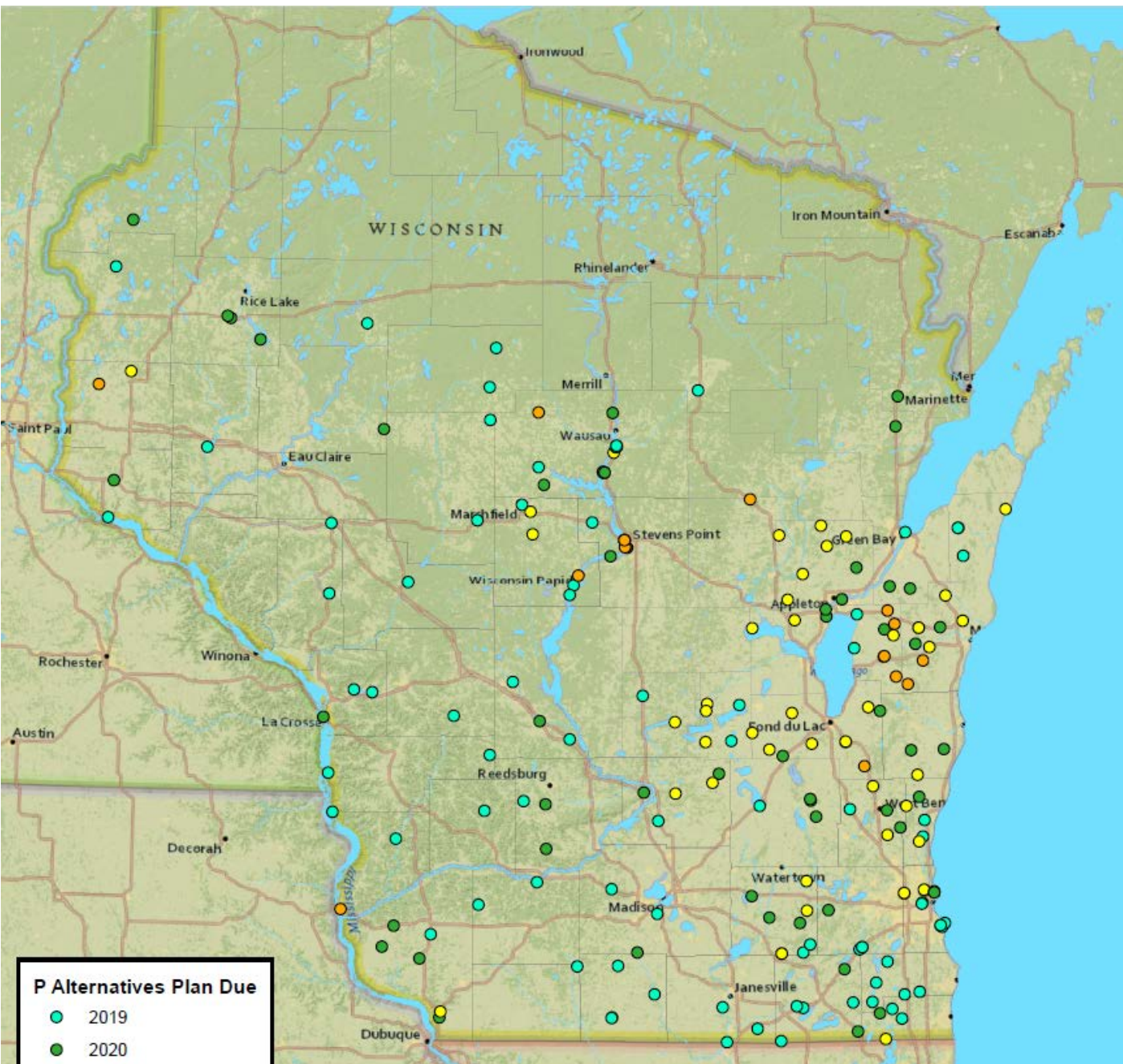


Expired Permits Further Confound The Timeline



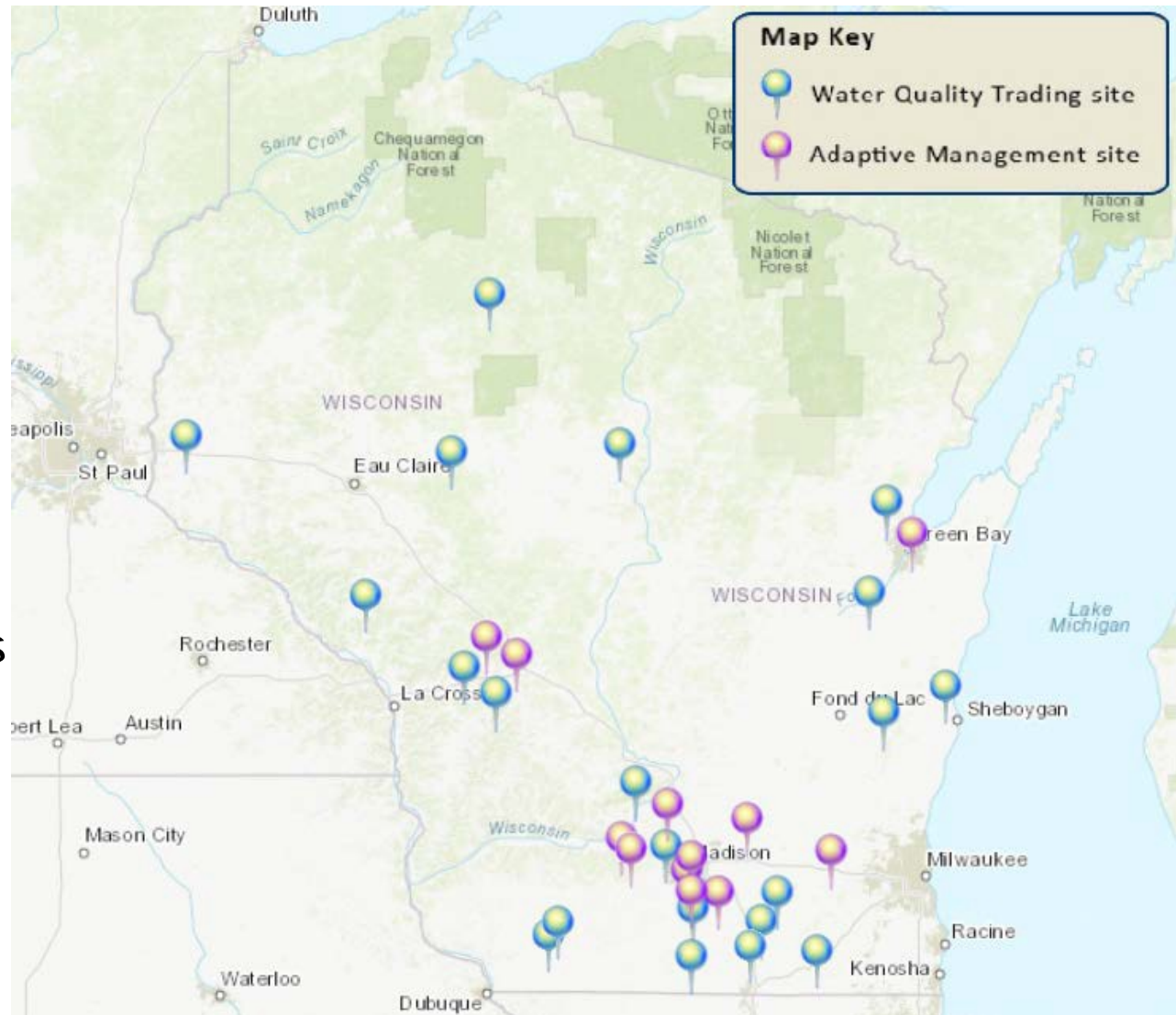
Where Are We Now?



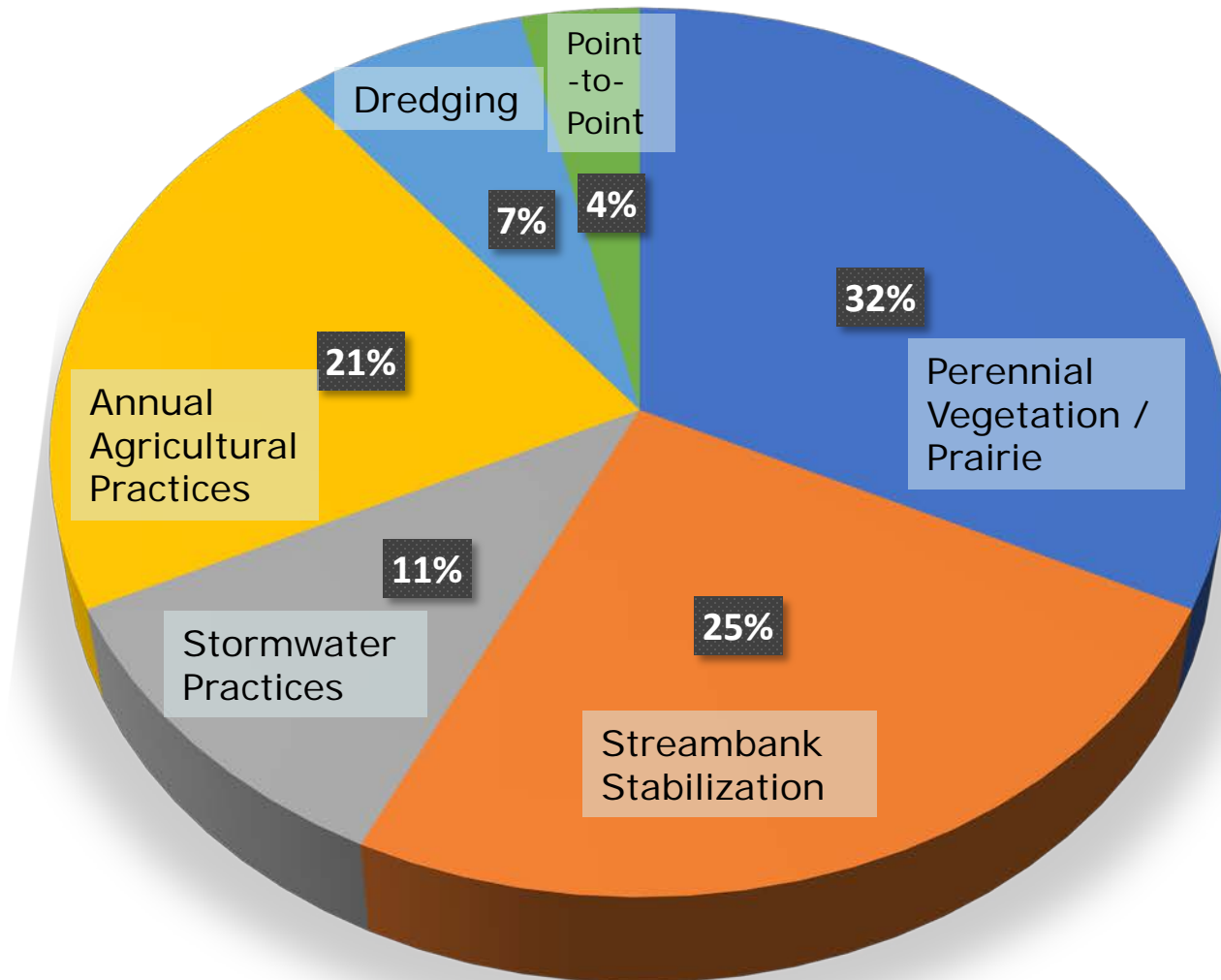


Water Quality Trading

- 15 Facilities Approved
- 11 Facilities Currently Developing Plans
- New Partnerships
- Program Continues to Evolve and Refine



Common WQT Practices Statewide



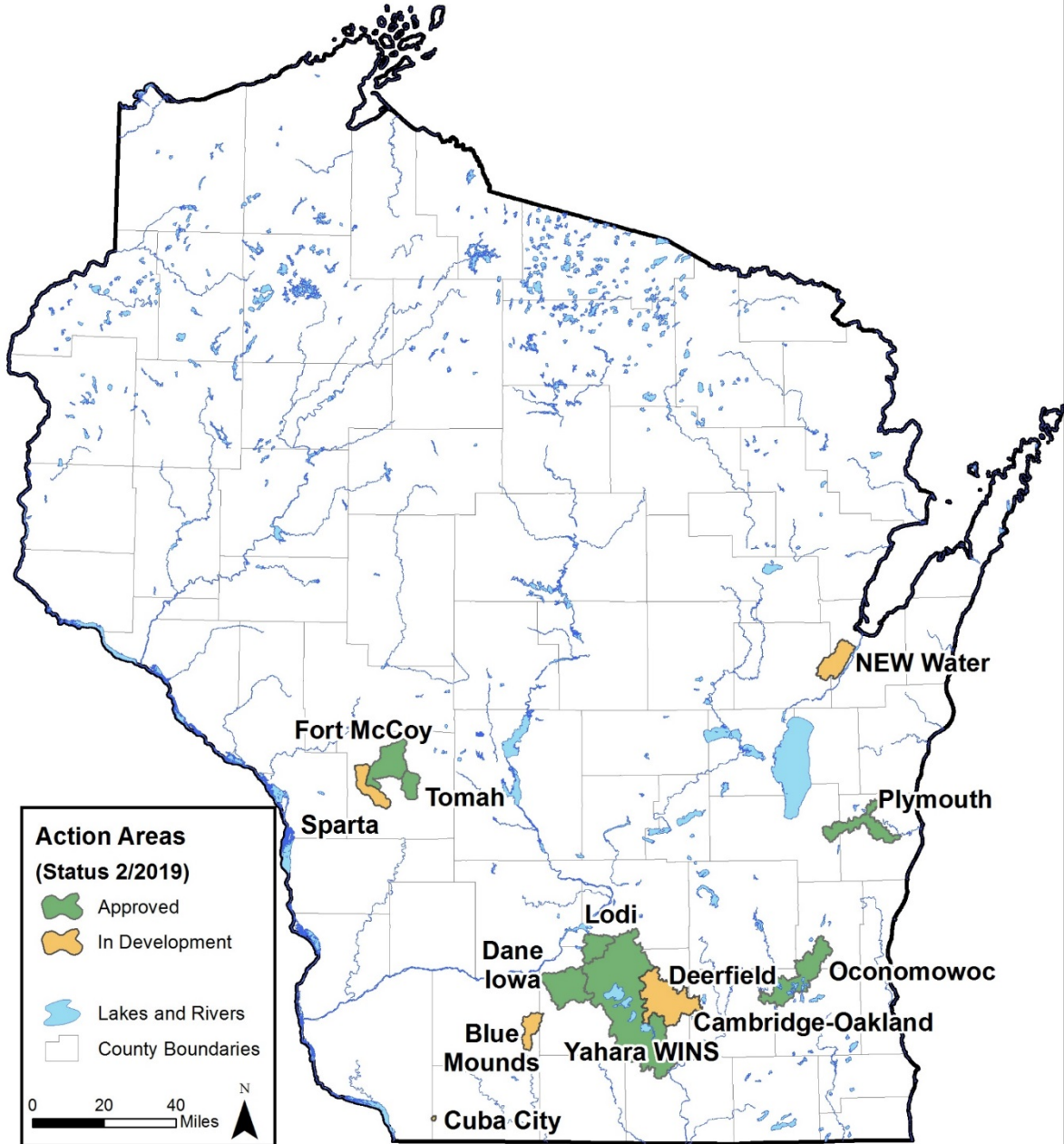



Adaptive Management

- 11 Facilities Approved
- 7 Currently Developing
- 1331 Square Miles of Watershed Area
- 1790 Stream Miles (642 Named)
- ~200,000 Lbs of Annual Phosphorus Load Reduction



Adaptive Management in Wisconsin Approved and Proposed Projects - February 2019



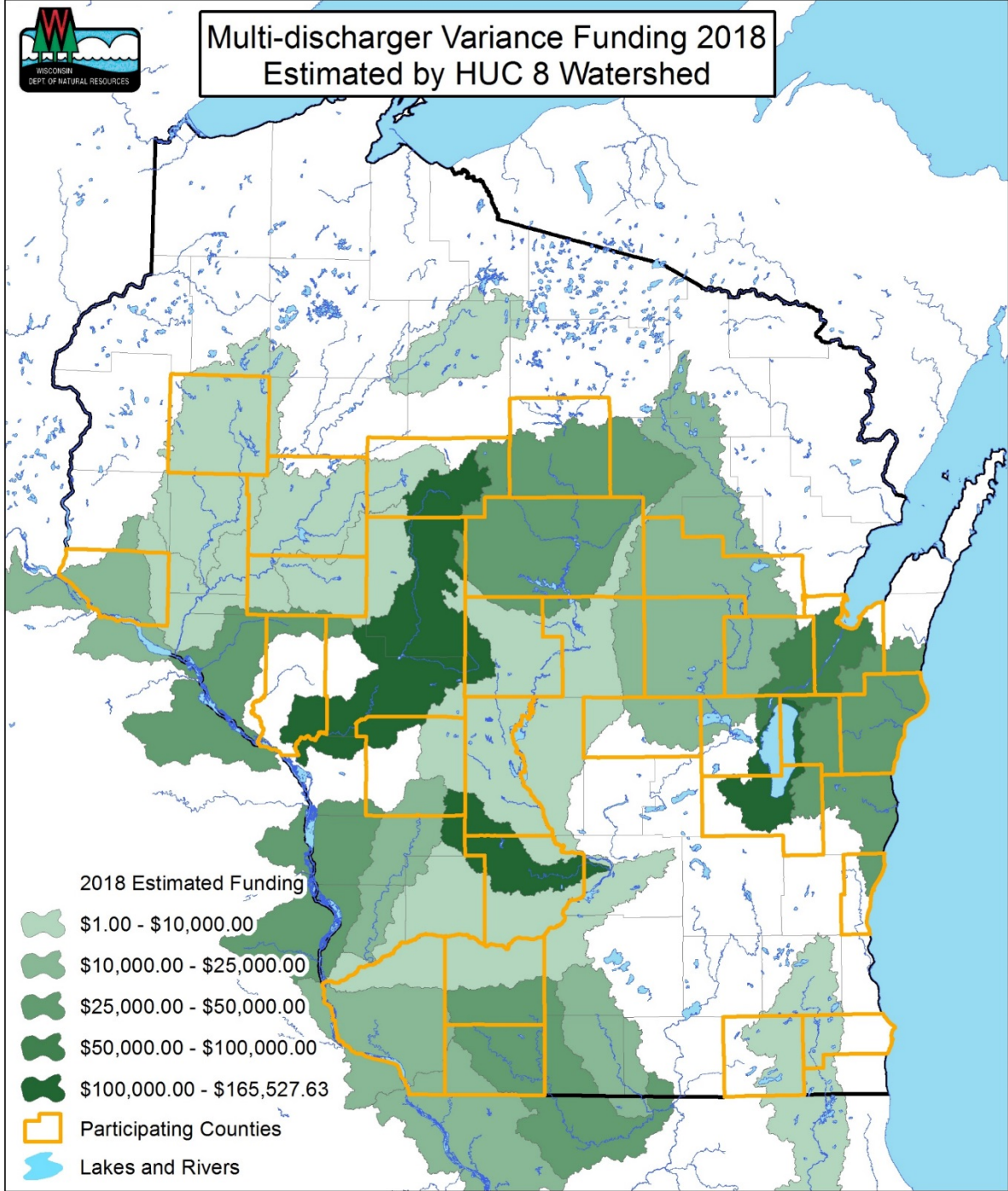


Multiple Discharger Variance (MDV)

- Temporary relief from low-level phosphorus limits (not a compliance option)
- Eligibility requirements
- 41 permittees covered by MDV in 2018
- Payment to counties totaling \$629,000
- 85 facilities have formally selected (will likely be reissued in 2019)



Multi-discharger Variance Funding 2018 Estimated by HUC 8 Watershed





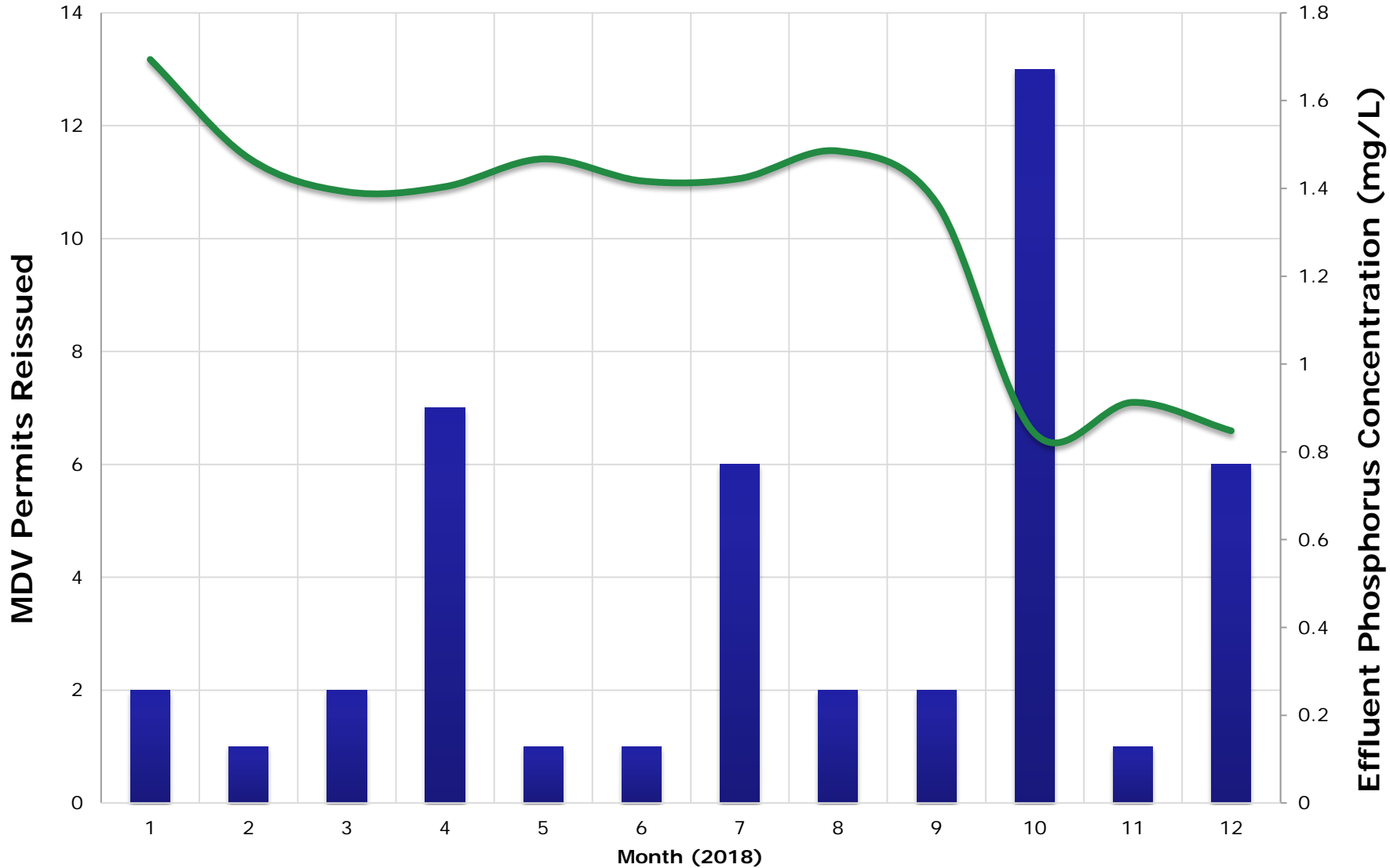
MDV Facilities – Common Trends

- Installing Chemical Addition
- Optimization of Phosphorus Removal
- Working towards compliance via Water Quality Trading





■ MDV Permits Reissued — Average Effluent Phosphorus Concentration





Looking Ahead

Questions?

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