

Water Quality Update for BMAP Focus Lakes

Rolland Fulton

St. Johns River Water Management District

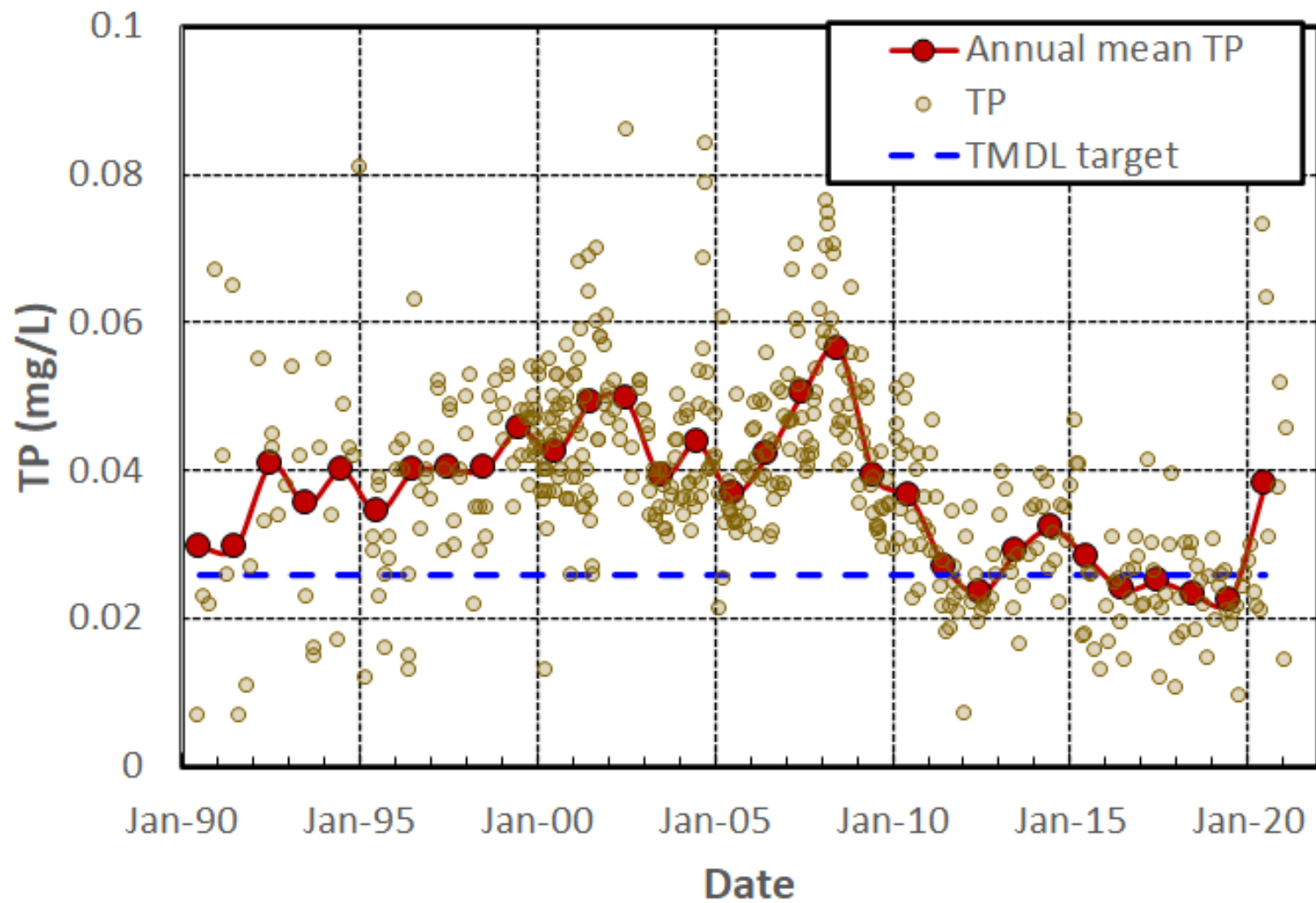
April 7, 2021

Technical Publication SJ2021-01

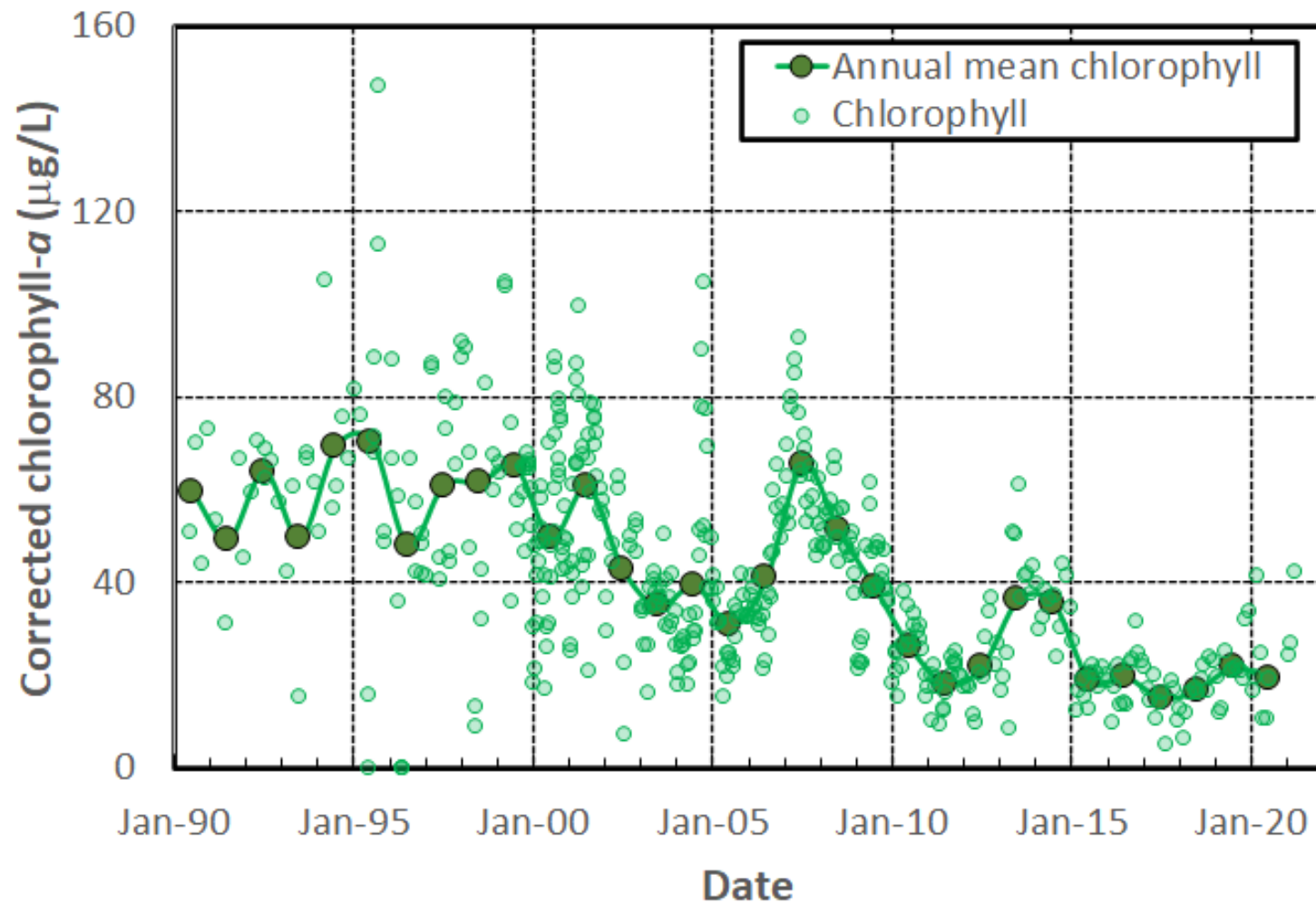
External Nutrient Loading and Water Quality Trends in the Upper Ocklawaha Basin Lakes, 1980s Through 2019-2020

- static.sjrwmd.com/sjrwmd/technical-reports/technical-publications/SJ2021-01.pdf
- www.sjrwmd.com → Document library → Technical reports → Technical publications
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Lake Harris total phosphorus concentrations



Lake Harris corrected chlorophyll-*a* concentrations



Lake Harris, March 11, 2020

Photo: SJRWMD. Co-dominant taxa

Microcystis and *Cylindrospermopsis*



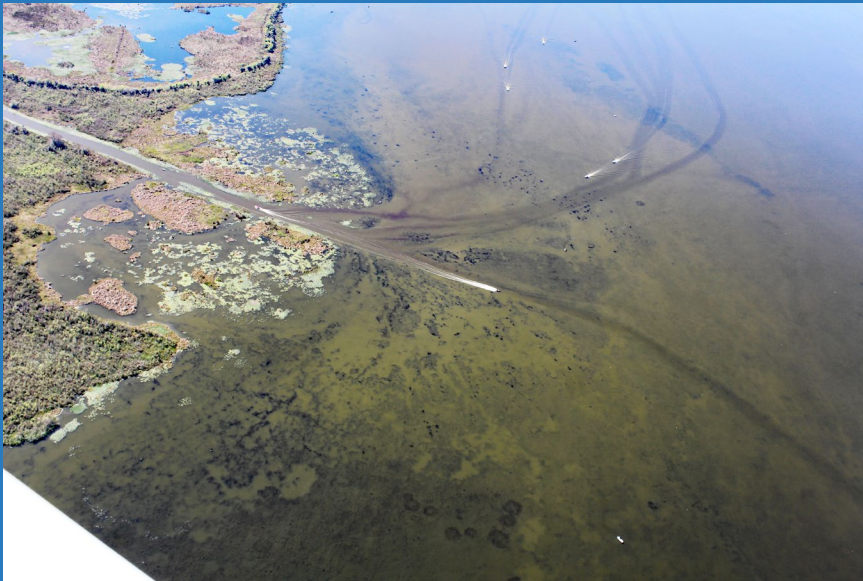
Aerial photo of Lake Harris (top)
and Harris Bayou Restoration
Area (bottom)

March 19, 2020 Photo: SJRWMD

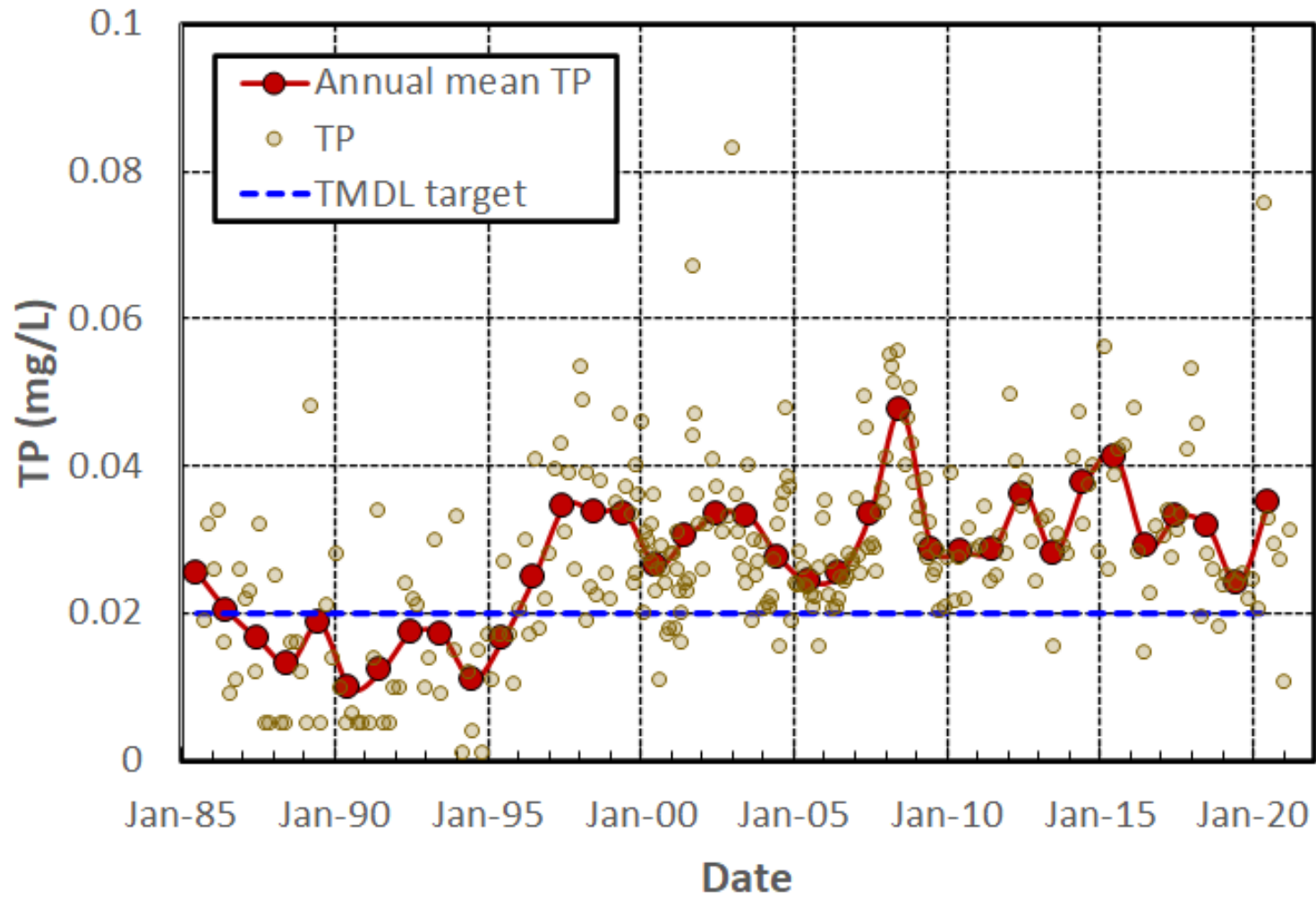


Lake Eustis-Haynes Creek,
Feb. 25, 2021
Photo: SJRWMD

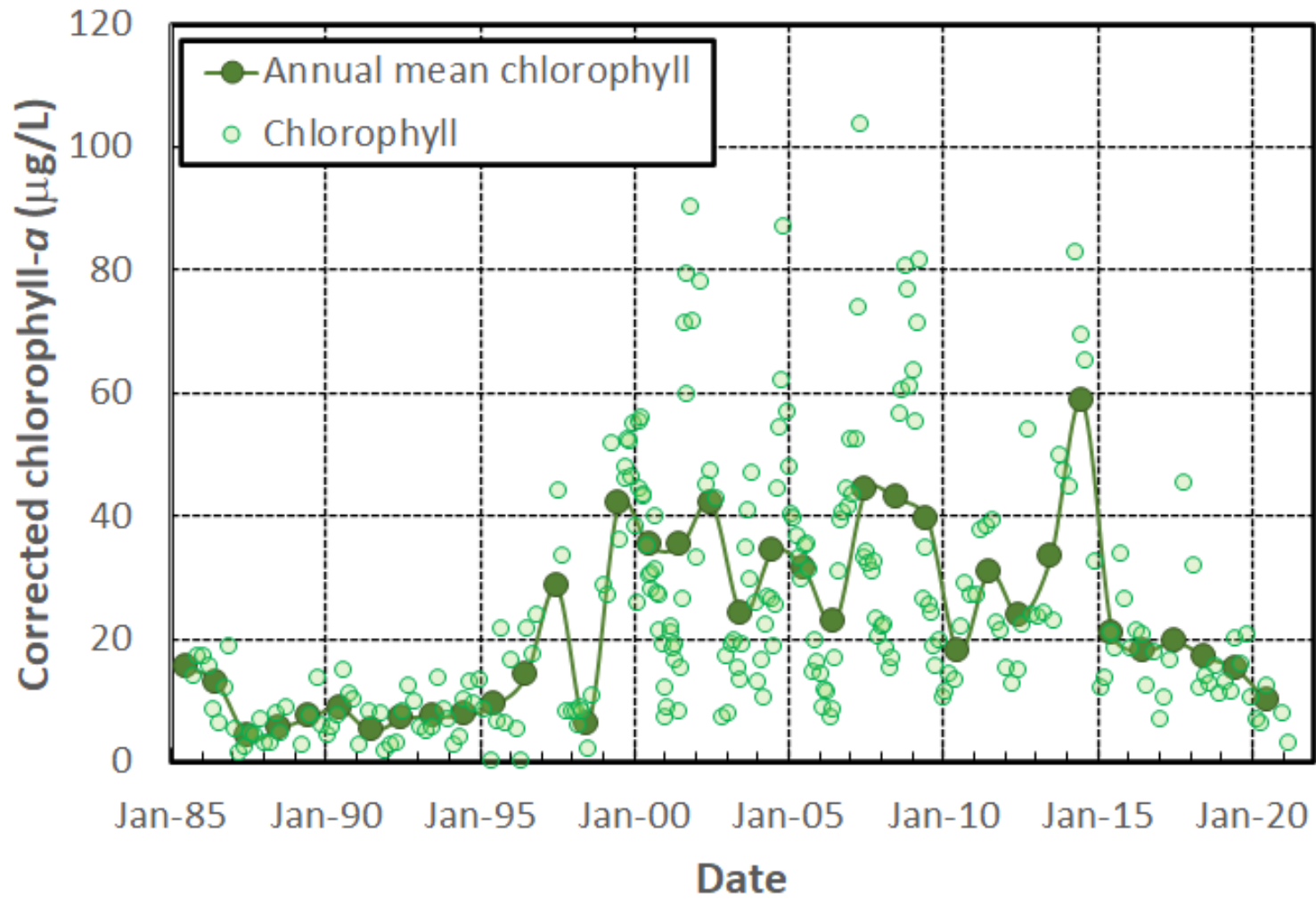
Lake Eustis, NW corner,
March 4, 2021
Photo: FDEP
Dominant taxon *Cylindrospermopsis*



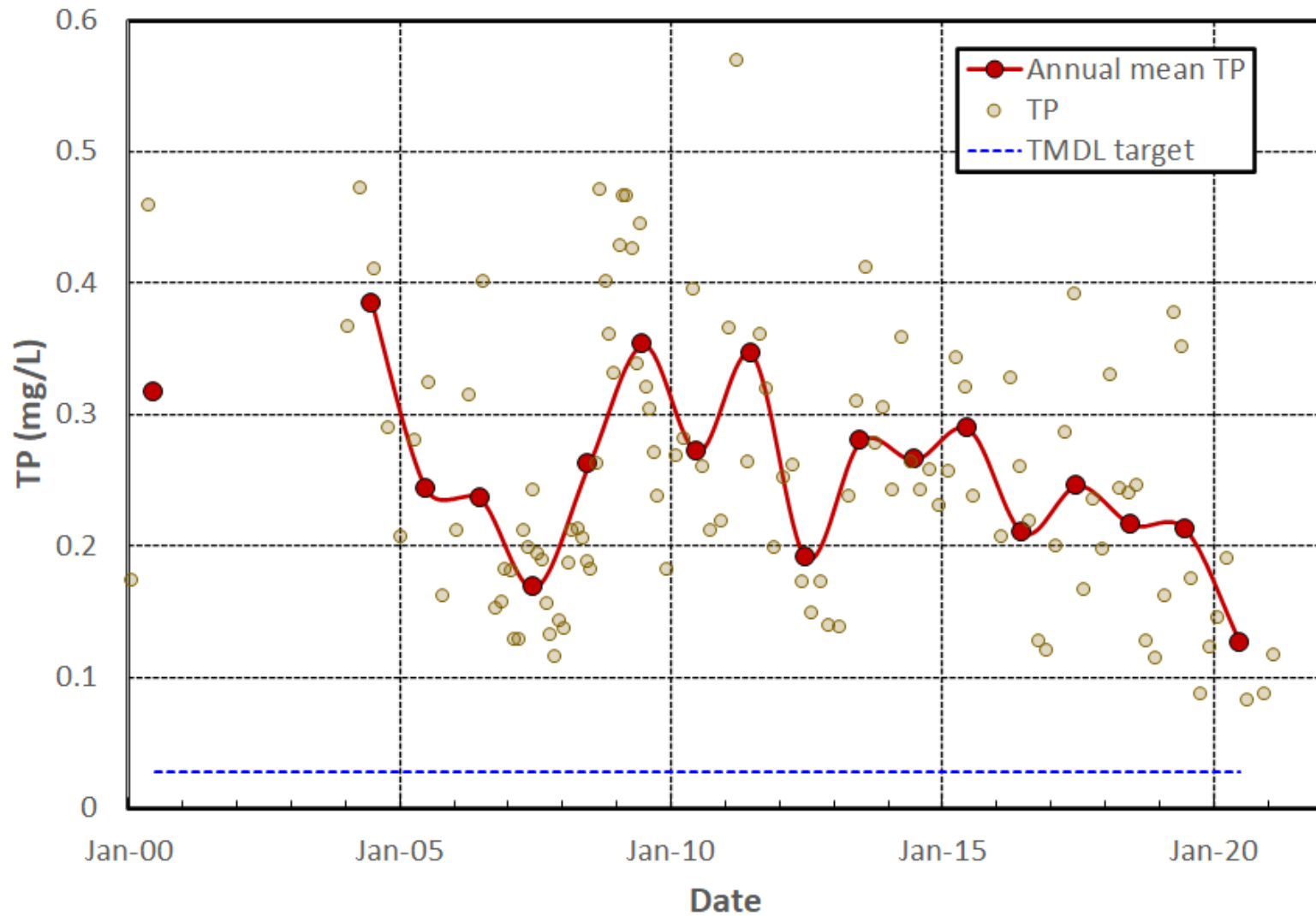
Lake Yale total phosphorus concentrations



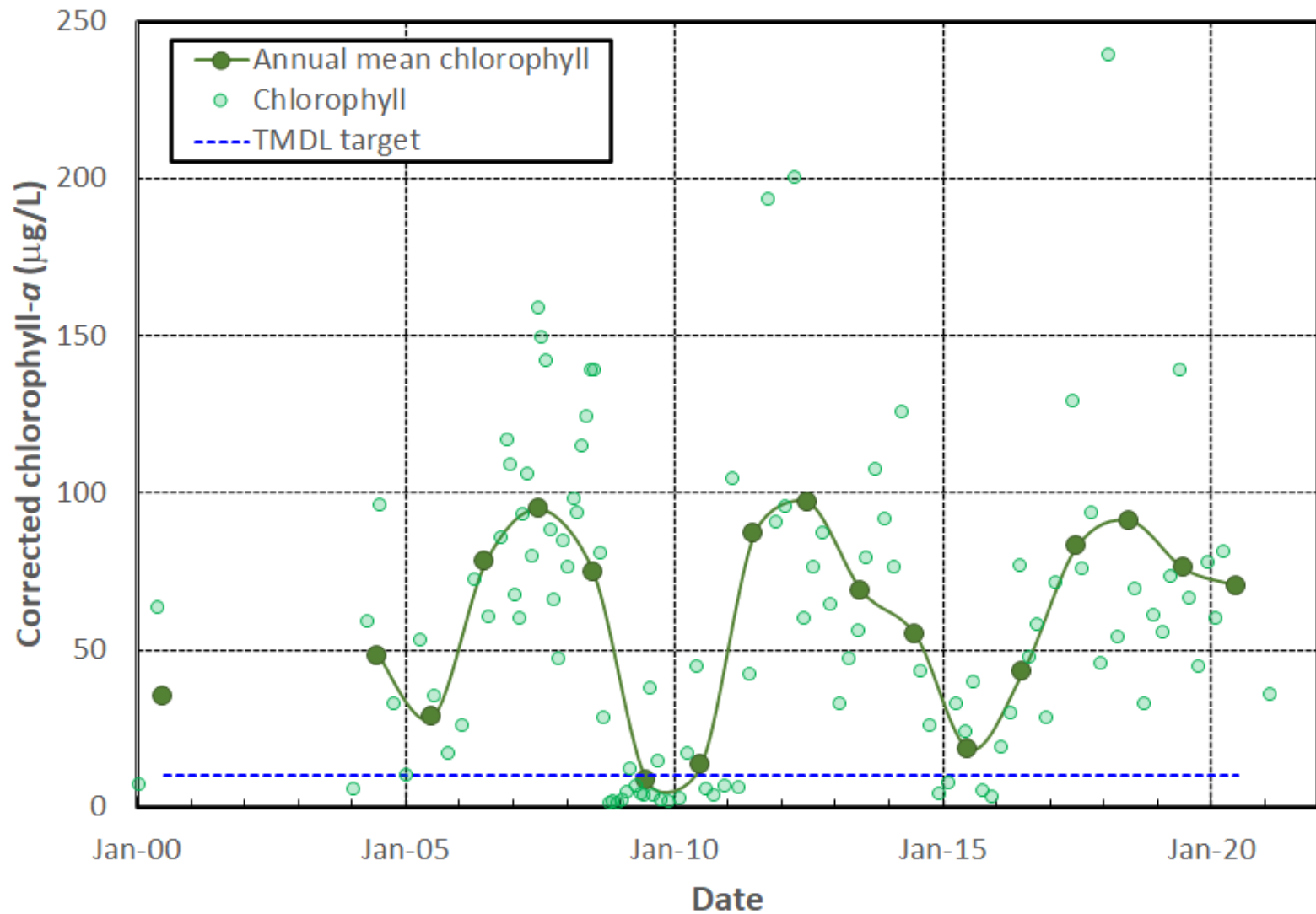
Lake Yale corrected chlorophyll-*a* concentrations



Trout Lake total phosphorus concentrations



Trout Lake corrected chlorophyll-*a* concentrations



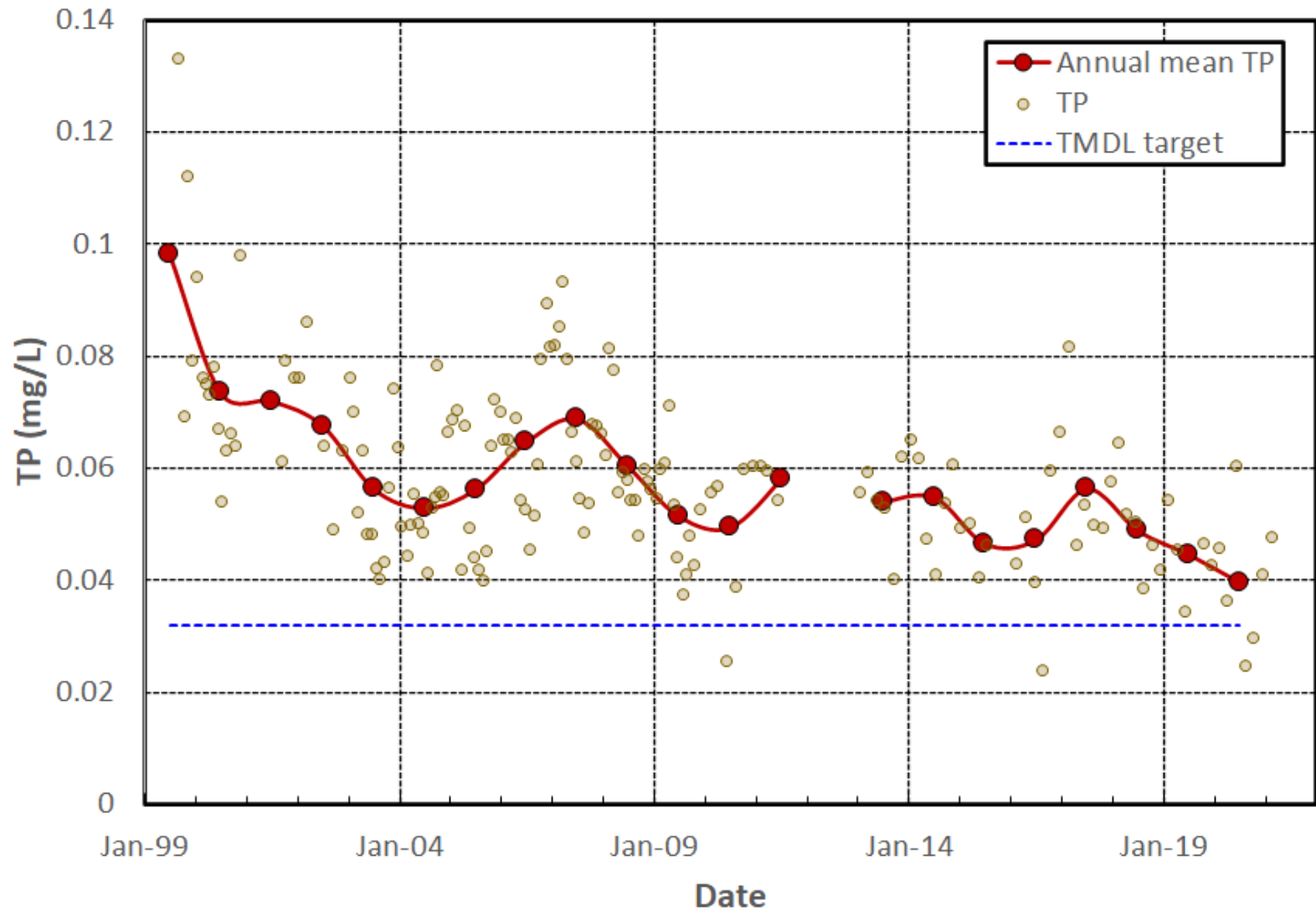
Trout Lake canal, March 18, 2021

Photos: FDEP

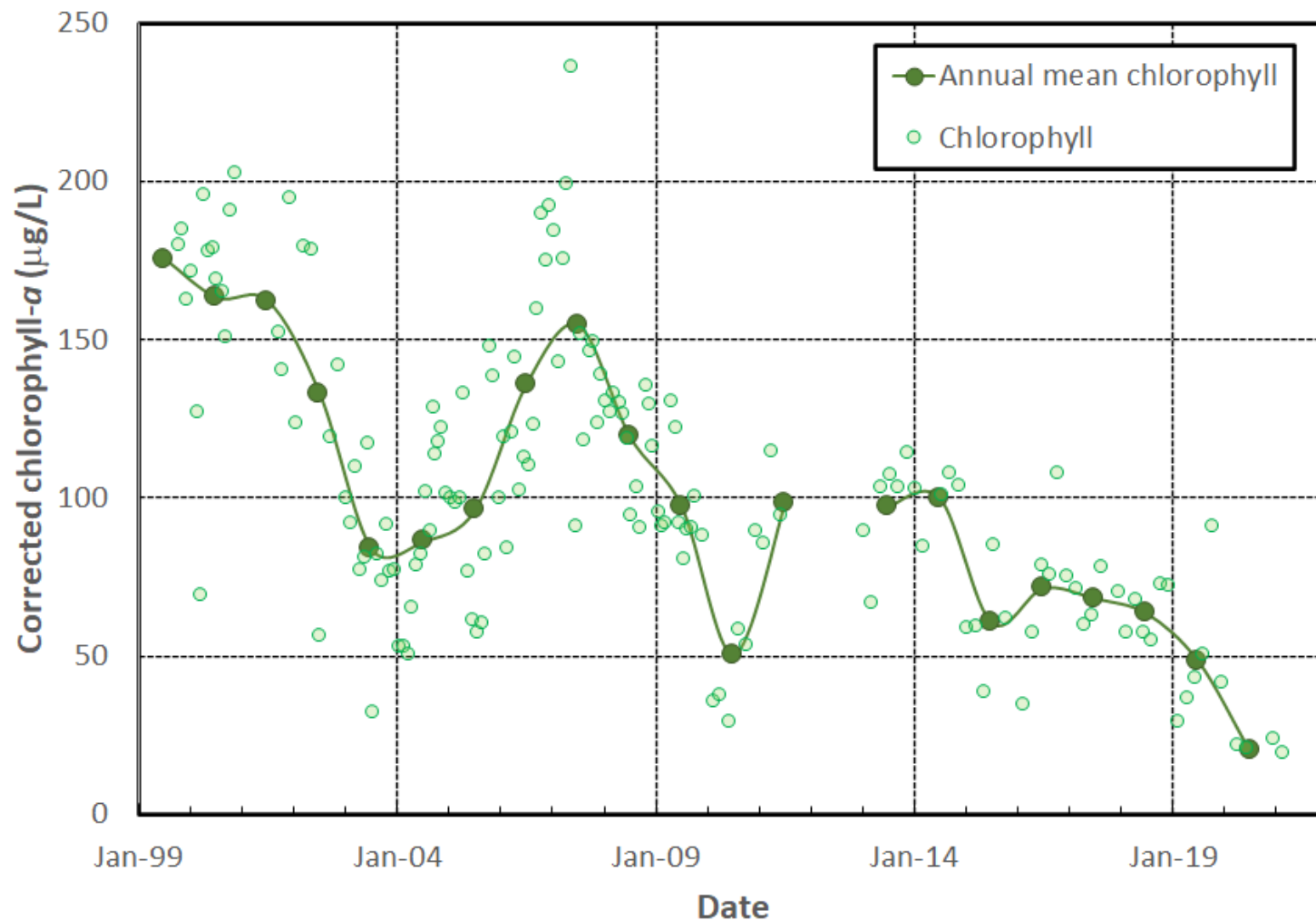
Co-dominant taxa: *Microcystis* and *Dolichospermum*



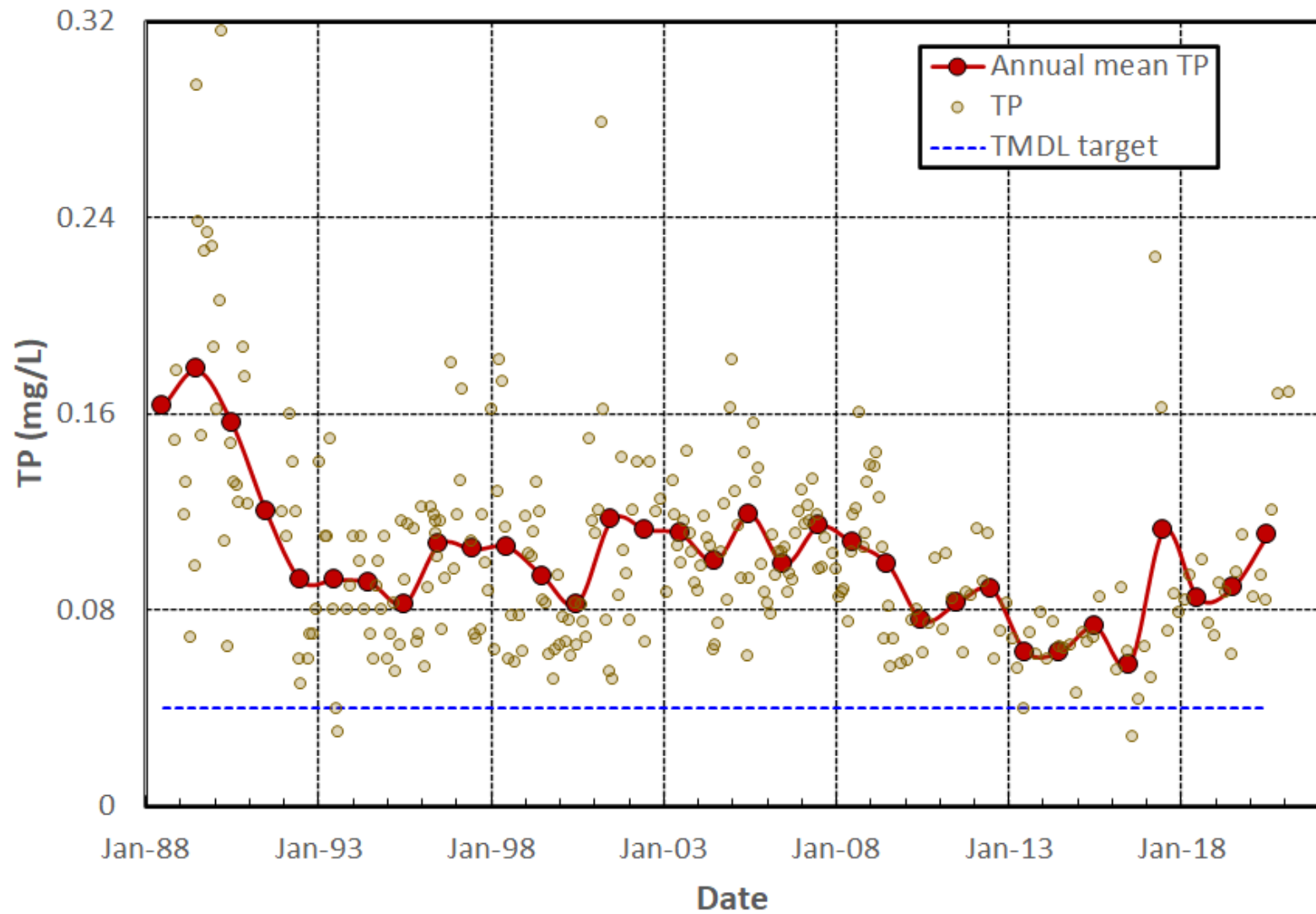
Lake Carlton total phosphorus concentrations



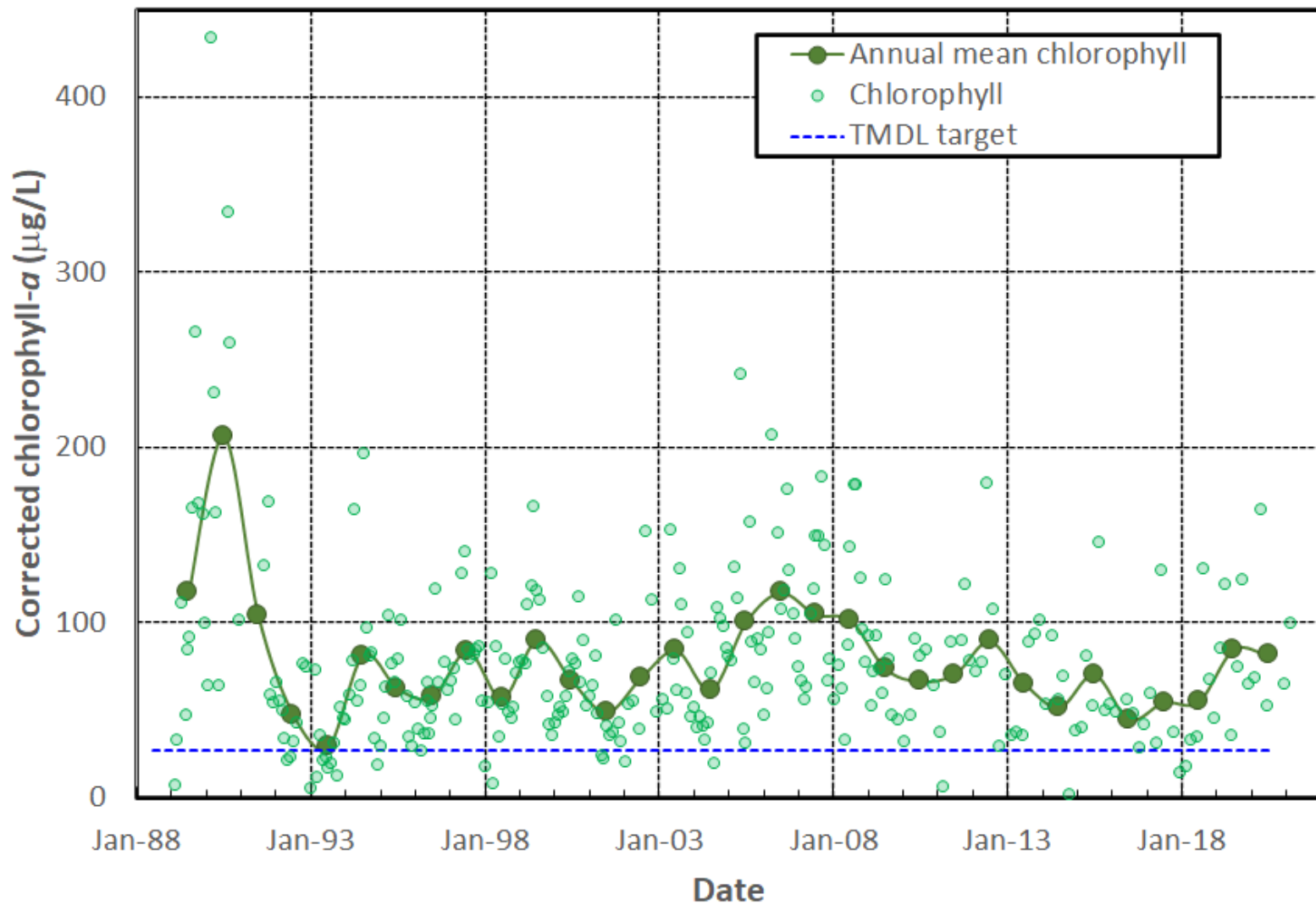
Lake Carlton corrected chlorophyll-*a* concentrations



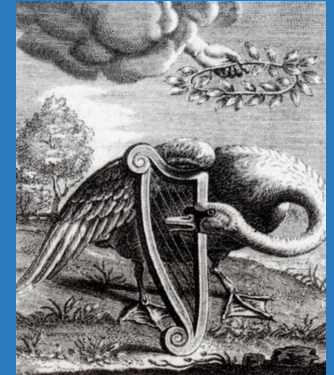
Lake Denham total phosphorus concentrations



Lake Denham corrected chlorophyll-*a* concentrations



Questions?



"The singing swan"
(1655) by
Reinier van Persijn

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