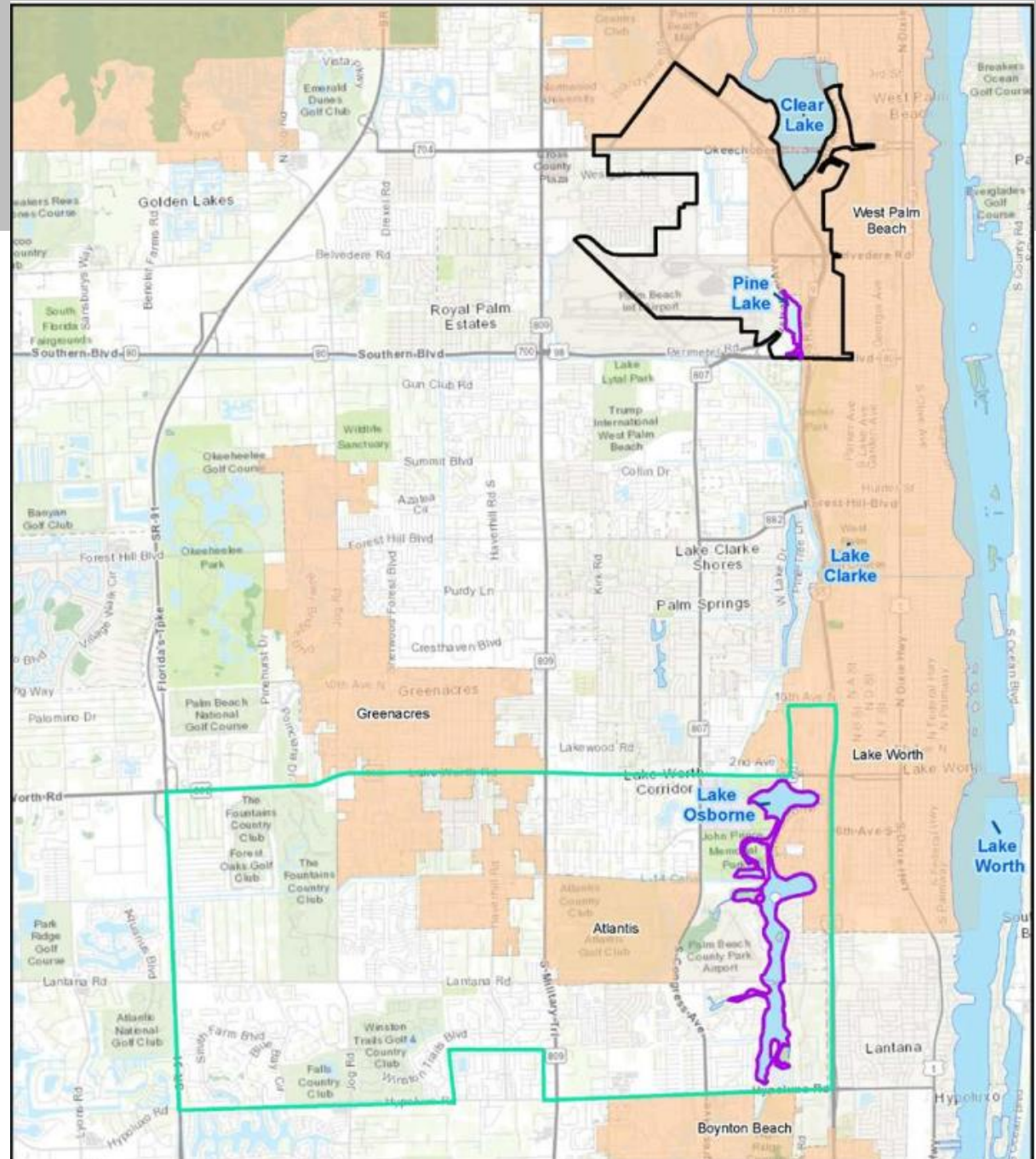




Florida Department of Environmental Protection (FDEP) Nutrient Total Maximum Daily Loads (TMDLs) for Pine Lake and Lake Osborne

Pine Lake and Lake Osborne





FDEP Schedule for Nutrient TMDLs for Pine Lake and Lake Osborne Report

- December, 2019 - Draft Report published for public comment
- January 22, 2020 - Public meeting and presentation by FDEP on the Draft Report
- February 5, 2020 - Public comment period ends
- Spring 2020 - Rule-making hearing in Tallahassee to finalize the report



What's Included in the Draft TMDL Report

- General Description of the lakes including the Contributing Areas
- Confirmation that the lakes are not meeting state water quality criteria
- Assessment of nutrient sources: groundwater seepage, septic systems, land uses, MS4s, atmospheric deposition
- Determination of the nutrient assimilative capacity of each lake
 - Computer models and water quality data are used to estimate both maximum existing loads and TMDL condition loads
 - TMDLs are expressed in terms of kg/year and percent reductions of Total Nitrogen (TN) and Total Phosphorus (TP)
 - Pine Lake - 34% TN, 35% TP
 - Lake Osborne - 22% TN, 22% TP
- Implementation Steps: Basin Management Action Plan (BMAP) and MS4 National Pollutant Discharge Elimination System (NPDES) Permit



What's Not Included in the Draft TMDL Report

- Accurate listing of the affected 8 MS4s
- Accurate depiction of the contributing area from the MS4s (<25% of what's currently shown)
- Accurate representation of the MS4s responsibilities under the MS4 permit
- Information on other stakeholders/responsible entities for reducing nutrient loads
- Fiscal impact estimates
- Implementation timelines



Thank you!

Questions?