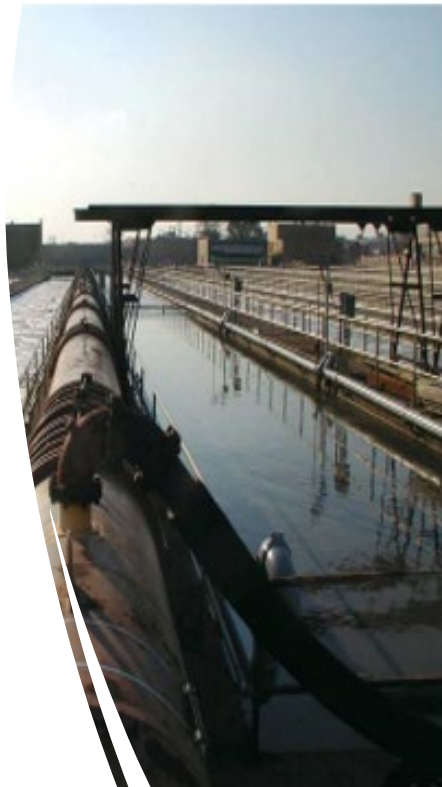


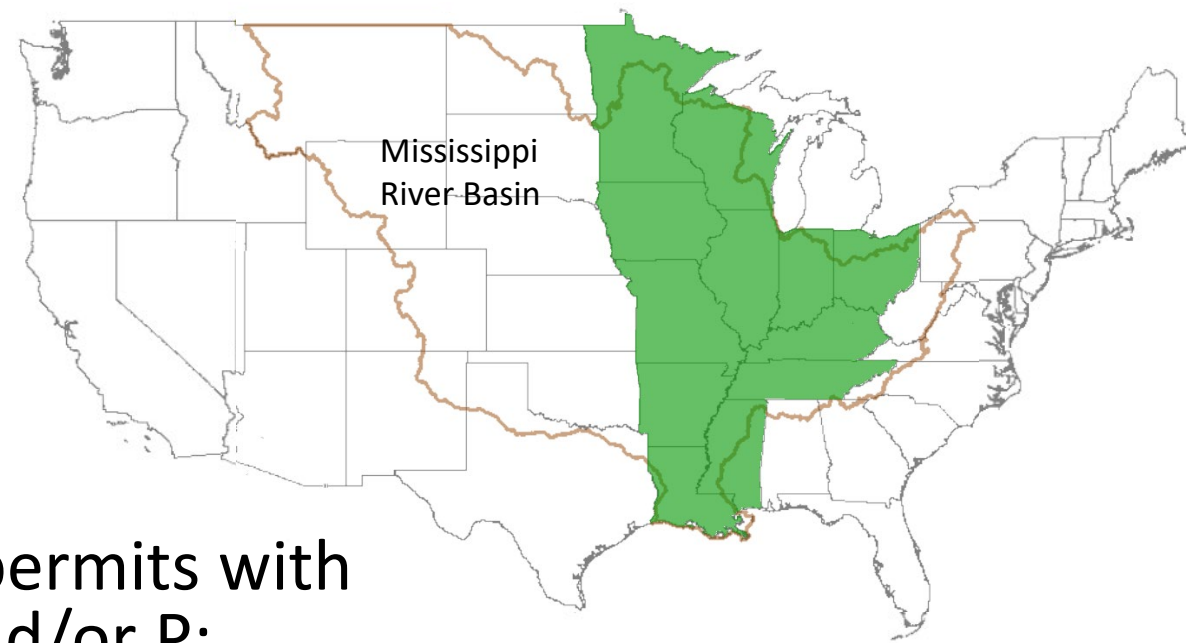
HTF Fourth Report on Point Source Progress: Preliminary Data



Background

- As part of documenting progress toward HTF goals, began reporting on permit limits and monitoring in 2014, and on load reduction progress from point sources in 2017.
- Regulated sources are primarily from large wastewater treatment plant discharges, or major sewage treatment facilities, but may also include minor sewage treatment facilities, concentrated animal feeding operations, regulated urban stormwater runoff, and other industrial dischargers.
- The HTF tracks point source progress by major sewage treatment facilities, those with a design flow of 1.0 million gallons per day (MGD) or more.
- Fourth Report is in draft (2023 data), and follows 2016 (2014 data), 2019 (2017), and 2023 (2020) Progress Reports.

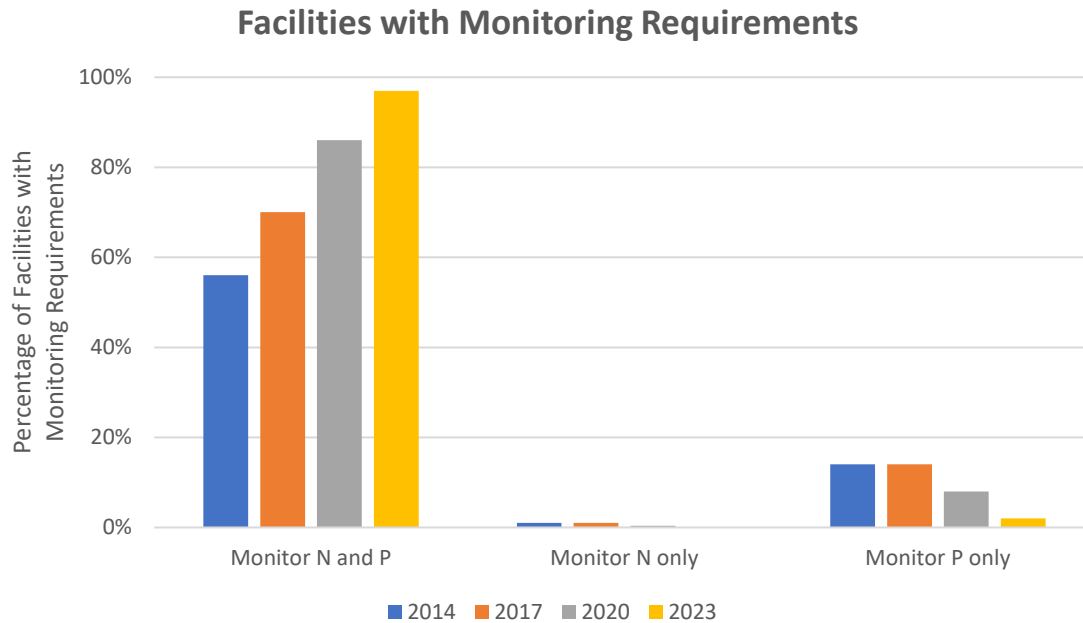
Metrics and Facility Universe



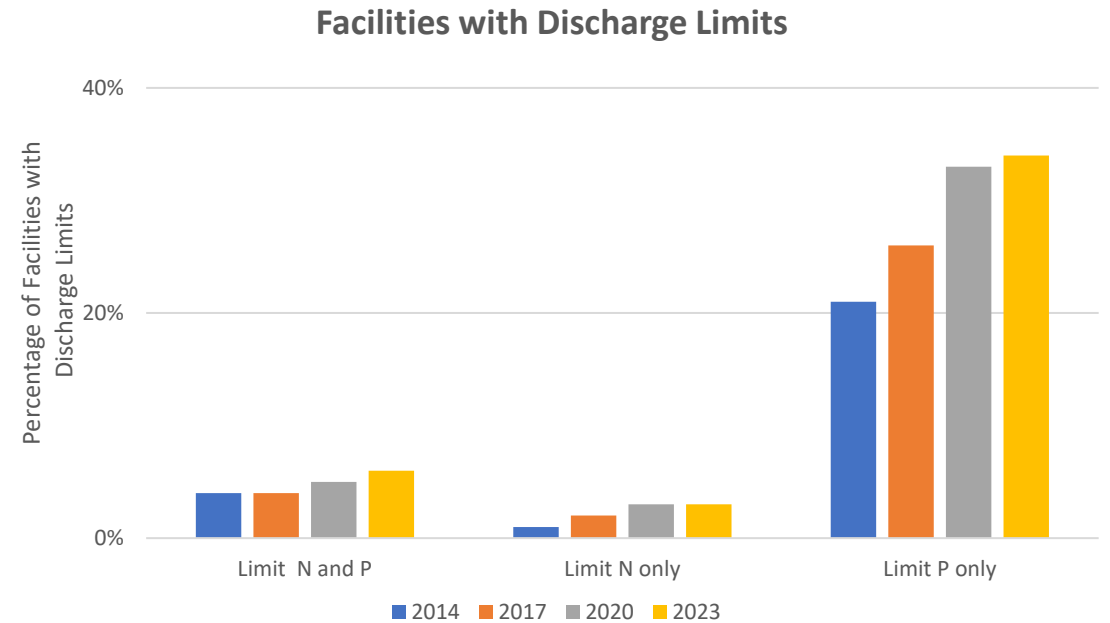
- Progress via 3 metrics:
 - number of facility-issued NPDES permits with monitoring requirements for N and/or P;
 - number of facility-issued NPDES permits with numeric discharge limits for N and/or P; and
 - nutrient loads from facilities discharging to the MARB.
- Included: Standard Industrial Classification (SIC) Code 4952 facilities (Sewerage Systems), and facilities with no SIC Code but labeled as a publicly owned treatment works (POTW).
- 1,238 facilities discharge in the HTF states in the MARB; facility numbers per state range from 28 to 211.

Progress: Monitoring and Limits

- 97% facility permits include monitoring requirements for N and P, from 86% in 2020.
- Nearly 100% facility permits include monitoring requirements for at least one N or P parameter, from 94% in 2020.



- 43% facility permits have N or P limits, from 41% in 2020; most have P limits.
- 6% facility permits have both N and P limits, an increase from 5% in 2020.



Progress: Load Reductions

Discharges

- 1,238 facilities contributed 279,166,694 lb N and 35,955,365 lb P in the MARB.
 - 6% decrease in N discharges from those calculated for 2020.
 - 10% decrease in P discharges from 2020 levels.

As part of the total MARB load

- Flow and total measured and flow normalized MARB nutrient loads to the gulf were lower in 2023 than 2020.
- Assuming all the nutrients were transported to the Gulf (rather than some left in watershed sinks), major sewage treatment facilities, or POTWs, contributed:
 - 15% of N loads in 2023 compared to 8% N loads in 2020.
 - 14% of P loads in 2023 compared to 10% P loads in 2020.