

Point Source Workgroup Update

Presentation to the Hypoxia Task Force

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Watersheds and

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Point Source Workgroup Members

- EPA: Tom Wall, Kyra Reumann-Moore, Frank Sylvester, Katie Flahive, Carey Johnston
- IL EPA: Brian Koch
- IA DNR: Adam Schnieders, Melinda McCoy
- MN PCA: Marco Graziani, Casey Scott
- MS DEQ: Mike Freiman, Natalie Segrest
- WI DNR: Marcia Willhite, Jason Knutson
- USGS: Mike Woodside

Recap: Task Force Decisions/Actions on Tracking Point Source Progress

- October 2014: HTF Agreed to two point source measures as part of revised Goal Framework:
 - Number of major POTW permits with monitoring requirements for nitrogen and phosphorus
 - Number of major POTW permits with limits for nitrogen and phosphorus
 - Asked Coordinating Committee to provide further details on measures reporting and tracking process
- Iowa proposed a third measure: tracking load reduction from point sources
 - HTF asked Point Source Workgroup to discuss IA proposal
 - PS Workgroup determined that additional work needed on potential common dataset and reporting tool
- March 2016: Completed first report on point source progress using end-of-year 2014 permit data on monitoring and limits
 - 1st HTF Report: **57%** monitoring both N&P; **74%** monitoring N or P
5% with limits for both N&P; **33%** with limits for N or P
 - <https://www.epa.gov/ms-htf/report-point-source-progress-hypoxia-task-force-states>

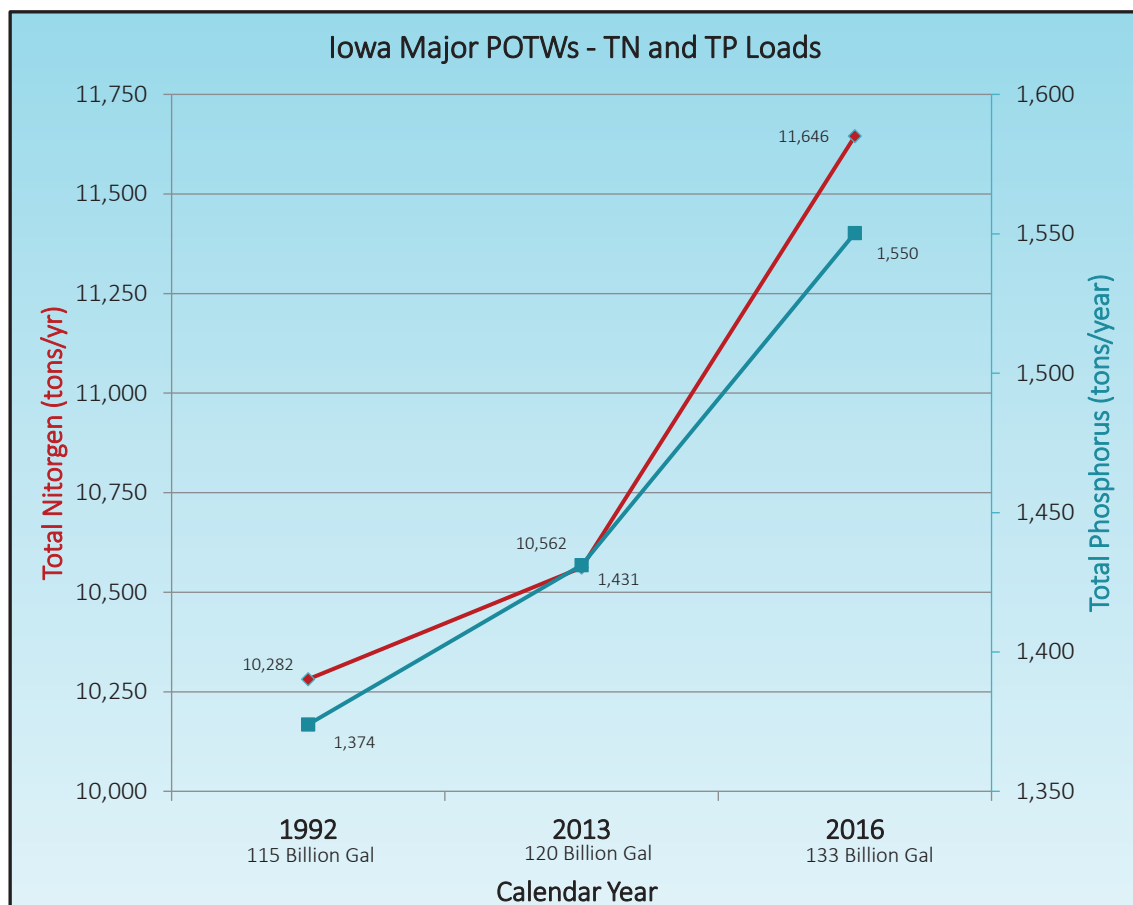
Summary of Recent Point Source Workgroup Activities and Recommendations

- Spring 2017: Discussed recommended content of 2018 Point Source Report with HTF on April call
 - Proposed to add a loading measure calculated with a standard tool
 - “DMR Loading Tool” uses existing state data flow to EPA
 - Proposed to focus on major sewage treatment plants, like the measures for monitoring and limits:
 - Challenging issue for industries using enormous volumes of cooling water: limited data on added vs. pass-through loads
 - Once industries with high volumes of cooling water excluded, remaining industries and minor sewage treatment plants discharge much less load than major sewage treatment plants
- Process since April call
 - Continued work to refine the DMR Loading Tool methodology for calculating nitrogen discharges and estimating nutrient loads when monitoring data are not available. Currently working to fix a few last data errors before final data review
 - Detailed briefing for Coordinating Committee in September 2017
 - EPA NPDES permits program and the State Association of Clean Water Administrators verified permit monitoring and limits data as part of a national process this fall

Next Steps

- Today: Ask Task Force for concurrence on the recommended plan/content for the 2018 Point Source Report
 - Add new loading measure
 - *will allow the HTF to track further progress on reducing point source loads in future point source reports*
 - As in 2016, offer states opportunity to submit state-specific supplemental information to further describe their work on point sources
 - Work with Coordinating Committee/state permitting agencies on final QA/verifying data on permit monitoring, limits, and loads
 - Late spring 2018: share draft report, incorporate comments, release second HTF report on point source progress
 - Continue exploring feasibility of estimating a 1992 point source baseline

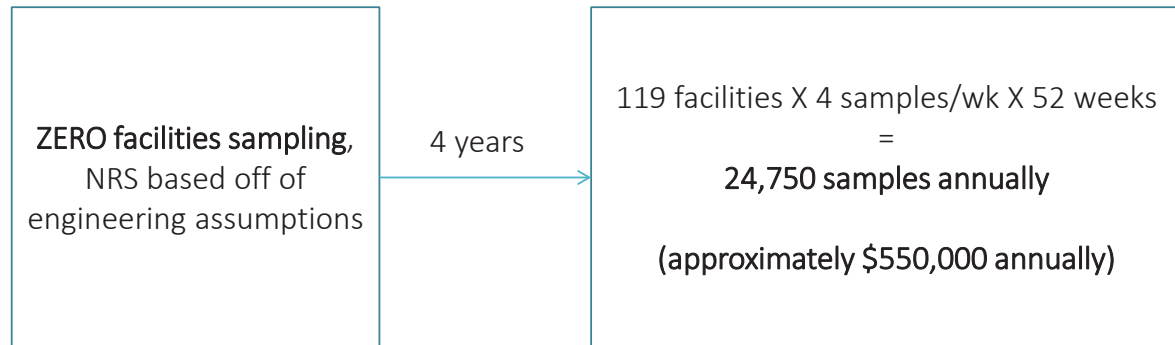
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Iowa Point Source Monitoring

September 2013

December 2017



2017 reporting year (5/1/2016-4/30/2017) percent removal (concentration)

	Facility	%		Facility	%
Municipal			Industrial		
Nitrogen	ATLANTIC CITY OF STP	78.1	Nitrogen	ARCHER DANIELS MIDLAND CORN	66.1
	CLEAR LAKE SANITARY DISTRICT	72.2		ASSOCIATED MILK PRODUCERS	78.8
	ELDRIDGE, CITY OF SOUTH SLOPE	68.3		GRAIN PROCESSING CORP.	88.5
	ESTHERVILLE CITY OF STP	72.0		MANILDRA MILLING CORPORATION	73.3
	IOWA CITY, CITY OF (SOUTH) STP	73.5		OSI INDUSTRIES (OAKLAND FOODS)	89.3
	MOUNT PLEASANT CITY OF STP (MAIN)	85.8		REMBRANDT ENTERPRISES, INC.	74.6
	OELWEIN CITY OF STP	91.9		SWISS VALLEY FARMS	66.0
	SIOUX CITY CITY OF STP	75.2	Phosphorus	DAIRICONCEPTS	84.8
	WASHINGTON CITY OF STP	73.9		MANILDRA MILLING CORPORATION	80.4
	WEST BURLINGTON CITY OF STP	72.6		REMBRANDT ENTERPRISES, INC.	83.6
	WEST LIBERTY CITY OF STP	79.3			
	Phosphorus	CORALVILLE CITY OF STP	80.9		
IOWA CITY, CITY OF (SOUTH) STP		82.8			
MOUNT VERNON CITY OF STP		80.9			
SIOUX CITY CITY OF STP		75.2			
WEST LIBERTY CITY OF STP		79.3			