



NETMWD

Clean Rivers Program

April 26, 2023

Northeast Texas Community College

Lake O' the Pines

Total Maximum Daily Load for Dissolved Oxygen

Phosphorus Limiting

- Point Source
 - 7 entities/8 WWTPs - *TPLA*
- Non Point Source
 - CAFOs (Chicken, Dairy)*TSSWCB WQMPs*
 - Non- CAFOs (Grazing)*TSSWCB/NCRS*
 - Forestry BMPs-*TFS/NRCS/Industry*
 - OSSF – *Counties and NETMWD*
 - Houseboat discharge (*TCEQ/TPWD*)
 - Wildlife
 - Domestic Animals/ Pets
 - Feral Hogs

Total Phosphorus Load Agreement

- Entities agree to 56% reduction of TP
- Self report data for flow and TP
- NETMWD compiles data
- Pilgrims 11 Million improvement of WWTP to remove TP for all entities
- Other entities to pay per pound of excess TP removed on their behalf
- 10-year agreement. 2023 marks start of 2nd 10-year term (TP loads will be reallocated between entities per TCEQ TMDL Team update)

TPLA RESULTS 2022

TPLA TOTAL PHOSPHORUS TRACKING 2022

Actual TP Discharge lbs/month

WWTP	Monthly Allocation	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total YTD	Annual Allocation	Annual Variance
Daingerfield	42.50	162	96	173	168	46	93	106	165	189	173	130	126	1627	510	1117
Lone Star	37.50	75	55	84	89	135	102	123	68	96	84	55	58	1024	450	574
Mt. Pleasant	181.67	91	156	168	168	241	134	169	96	52	68	66	98	1507	2180	-673
Omaha	21.67	55	27	32	39	28	67	115	100	77	82	30	18	670	260	410
Ore City	83.33	83	41	112	83	103	82	81	66	54	49	34	48	836	1000	-164
<i>Pilgrims</i>	3716.60	848	697	786	885	969	1057	1699	596	187	164	583	942	9415	53200	-43785
Pittsburg/Dry Creek	47.50	0	0	0	0	0	0	0	0	0	0	0	0	0	570	-570
Pittsburg/Sparks Branch	148.33	56	53	38	30	82	71	65	75	44	44	38	25	621	1780	-1159
Totals	4279	1370	1125	1393	1462	1604	1606	2358	1166	699	664	936	1315	15700	59950	-44250

NOTE: Dry Creek WWTP is only used when there is sufficient flow in the creek.

NETMWD OSSF PROGRAM

- Administers TCEQ's On Site Sewage Facilities (OSSF) programs for Marion, Morris, Cass and Upshur Counties
- Covers approximately 2500 square miles. (An area two and a half times the size of the State of Rhode Island) in 3 watersheds.
- Permitted **315** new septic systems in 2022
- Permitted over 3800 septic systems since we began the program in 1999
- These permitted systems combined can treat approximately 1 million gallons a day or over **332,000,000** gallons of waste each year!

NETMWD OSSF 2014-2022

Permitting by Year

- 2014 204 permits
- 2015 209 permits
- 2016 192 permits
- 2017 202 permits
- 2018 200 permits
- 2019 220 permits
- 2020 260 permits
- 2021 306 permits
- 2022 315 permits

TOTAL 1888

ETC...

- Upshur County
 - 72% of permits each year
 - Cypress and Sabine watersheds
 - NETMWD began admin. of Upshur in 2011
- Cass and Morris Counties are located in the Cypress and Sulphur watersheds.
- Marion County is located wholly in the Cypress Basin
- NETMWD administers the OSSF program over the entirety of each County.

QUESTIONS?

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