



PHASE 1 PFAS SAMPLING HIGHLIGHTS

INFLUENT (INCOMING WASTEWATER)

	PS08	PS18	PS07	PS11	PS02	Weighted Average, District	Median Concentration, Michigan Study**
Percent of Total PFAS Attributed to Forcemain	40%	32%	16%	7%	6%	N/A	N/A
PFOA (ppt)*	2.2	7.8	11	2.2	3.3	5.13	4.6
PFOS (ppt)	2.6	12	6.2	3.5	6.9	6.86	7.5

EFFLUENT (OUTGOING WASTEWATER)

	District	Proposed WDNR Surface Water Standard – Public Water Supply	Proposed WDNR Surface Water Standard – all other surface waters
PFOA (ppt)	9.7 – 11	20	95
PFOS (ppt)	3.7	8	8

BIOSOLIDS

	Class B Liquid (Metrogro)	Class A Cake
PFOA (ppb)*	1.2 – 1.6	16
PFOS (ppb)	8 – 10	19

STRUVITE & POLYMERS

	Polymer 1	Polymer 2	Polymer 3	Struvite
PFOA (ppb)	< MDL***	< MDL	< MDL	< MDL
PFOS (ppb)	< MDL	< MDL	0.48	< MDL

*In the full report, numbers are reported as ng/L, which is the same as ppt, or parts per trillion; or ug/kg, which is the same as ppb, or parts per billion [For context on parts-per equivalents, see our About PFAS page.](#)

**The Michigan Department of Environment, Great Lakes, and Energy [conducted a statewide assessment of PFAS](#) in 42 wastewater plants (WWTPs), which included the 20 largest WWTPs and 22 other WWTPs selected to represent different flow rates and treatment processes.

***According to the [U.S. Environmental Protection Agency](#), method detection limit (MDL) is "the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."