

## Detroit North Pre-Treatment Discharge Monitoring Data February-24

### Summary

	# of Sample Parameters	# of Passing Parameters	Sample Pass Rate
Daily Exceedance	135	135	100%
Monthly Exceedance	110	110	100%

All required daily and monthly samples were collected before being discharged for further treatment at GLWA. All sample parameters passed daily and monthly limits.

### Discharge Monitoring Results

Parameter	Minimum Sampling Frequency	Daily Maximum mg/L	Monthly Average mg/L	2/6/2024 mg/L	2/14/2024 mg/L	2/20/2024 mg/L	2/27/2024 mg/L	Monthly Average mg/L
<b>Metals</b>								
Total Antimony	1/wk	0.249	0.206	0.05	0.05	0.05	0.05	0.0500
Total Arsenic	1/wk	0.162	0.104	0.05	0.05	0.05	0.05	0.0500
Total Cadmium	1/wk	0.474	0.0962	0.025	0.025	0.025	0.025	0.0250
Total Chromium	1/wk	0.947	0.487	0.05	0.05	0.05	0.05	0.0500
Total Cobalt	1/wk	0.192	0.124	0.05	0.05	0.05	0.05	0.0500
Total Copper	1/wk	0.405	0.301	0.05	0.05	0.05	0.05	0.0500
Total Lead	1/wk	0.222	0.172	0.05	0.05	0.05	0.05	0.0500
Total Mercury	1/wk	< 0.0002	0.000739	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Total Nickel	1/wk	3.95	1.45	0.05	0.05	0.05	0.05	0.0500
Total Silver	1/wk	0.12	0.0351	0.015	0.015	0.015	0.015	0.0150
Total Tin	1/wk	0.409	0.12	0.05	0.05	0.05	0.05	0.0500
Total Titanium	1/wk	0.0947	0.0618	0.025	0.025	0.025	0.025	0.0250
Total Vanadium	1/wk	0.218	0.0662	0.025	0.025	0.025	0.025	0.0250
Total Zinc	1/wk	2.87	0.641	0.303	0.05	0.05	0.05	0.1133
<b>Organics</b>								
Bis(2-ethylhexyl)phthalate	1/wk	0.267	0.158	0.017	0.01	0.01	0.041	0.0195
Carbazole	1/wk	0.392	0.233	0.01	0.01	0.01	0.012	0.0105
o-Cresol	1/wk	1.92	0.561	0.01	0.01	0.01	0.01	0.0100
p-Cresol	1/wk	0.698	0.205	0.441	0.018	0.011	0.01	0.1200
n-Decane	1/wk	5.79	3.31	0.01	0.01	0.01	0.01	0.0100
Fluoranthene	1/wk	0.787	0.393	0.01	0.01	0.01	0.01	0.0100
n-Octadecane	1/wk	1.22	0.925	0.016	0.01	0.01	0.01	0.0115
2,4,6-Trichlorophenol	1/wk	0.155 ug/l	0.106 ug/l	0.01	0.01	0.01	0.01	0.0100
<b>pH</b>								
pH - Acidity/Alkalinity	1/wk	5.0-11.5 units		10.02	10.3	9.26	9.07	
<b>Other</b>								
Available Cyanide	2/mo	1.5		<0.005	<0.005			
Fats Oil and Grease	2/mo	1500		<4.5	10			
Total Suspended Solids	2/mo	10000		<100	<100			
BOD	2/mo	10000		202	114			
Phosphorus	2/mo	250		<5.0	<5.0			
<b>PCBs</b>								
Total PCB	1/6 mos	<0.0002		<0.0002				
<b>Phenolic Compounds</b>								
Phenol Alcohol	1/6 mos	86.0		<0.50				
4-Chlorophenol	1/6 mos	8		<0.50				
2-Chlorophenol	1/6 mos	8		<0.50				
4-Chloro- 3-Methyl Phenol	1/6 mos	3		<0.50				
2,4-Dichlorophenol	1/6 mos	6		<0.50				
4-Nitrophenol	1/6 mos	15		<0.50				
2,4-Dinitrophenol	1/6 mos	30		<0.50				