

Client: City of Cadillac-Utilities Department
Attention: Jeff Dietlin
Project Name: LDFA Special Investigation

Sample Number			Michigan Safe Drinking Water Act MCL ^[1] and Groundwater Cleanup Std	National Primary Drinking Water Regulation MCL ^[2]	Michigan Rule 57 Surface Water Quality Values ^[3]	50382117002	250204-01	2501113-01	2501113-02	2501113-03	2501113-04	50385014002	50374982002	50385014001	2411198-03	2501113-05
Sample ID						Plant Effluent	Plant Effluent	I-1	I-2	I-3	I-4	I-5 Effluent	I-5 Influent	I-5 Influent	I-6	I-7
Test Method						537.1(M)	8327	8327	8327	8327	8327	537.1(M)	537.1(M)	537.1(M)	8327	8327
Date Collected						9/10/2024	2/4/2025	1/27/2025	1/27/2025	1/27/2025	1/27/2025	10/14/2024	6/4/2024	10/14/2024	11/18/2024	1/27/2025
Date Analyzed						9/20/2024	2/8/2025	1/31/2025	1/31/2025	1/31/2025	2/1/2025	10/24/2024	7/2/2024	10/24/2024	11/27/2025	2/1/2025
CAS#	Analyte	Units														
13252-13-6	HFPO-DA	ppt	370	10	NA	<2.0	<4.0	<4.0	<4.0	<4.0	<4.0	<2.0	<2.0	<2.0	<4.0	<4.0
375-22-4	PFBA	ppt	NA	NA	NA	3.1	<4.0	<4.0	4.3	<4.0	<4.0	3.0	4.0	4.5	4.1	<4.0
375-73-5	PFBS	ppt	420	NA	670,000	10.7	11.0	5.2	20	<2.0	5.7	<2.0	12.8	15.2	8.4	3.6
30334-69-1	PFBSA	ppt	NA	NA	NA	NA	6.6	9.1	15	<2.0	2.4	NA	NA	NA	<2.0	<2.0
646-83-3	PFECHS	ppt	NA	NA	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	<2.0	<2.0
375-85-9	PFHpA	ppt	NA	NA	NA	<2.0	<2.0	<2.0	2.8	<2.0	<2.0	<2.0	<2.0	2.4	<2.0	<2.0
307-24-4	PFHxA	ppt	400,000	NA	NA	3.2	3.0	2.3	5.7	<2.0	<2.0	<2.0	4.1	4.6	2.7	2.3
355-46-4	PFHxS	ppt	51	10	210	4.4	4.2	4.3	2.8	<2.0	5.1	<2.0	5.2	6.0	5.9	3.4
375-95-1	PFNA	ppt	6	10	30	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
335-67-1	PFOA	ppt	8	4.0	170	3.9	4.5	4.3	6.1	<2.0	2.5	<2.0	5.5	5.9	3.5	3.5
1763-23-1	PFOS	ppt	16	4.0	12	2.4	3.6	2.2	4.2	<2.0	<2.0	<2.0	2.4	2.4	<2.0	<2.0
2706-90-3	PFPeA	ppt	NA	NA	NA	3.2	3.0	2.6	6.3	<2.0	<2.0	<2.0	3.5	4.4	2.7	2.1

Exceeds Nat'l Primary Drinking Water MCL

Exceeds Nat'l Primary Drinking Water MCL and/or MI SDWA MCL

“NA” means a criterion or value is not available

[1] Maximum Contaminant Level (MCL) is the maximum amount of a contaminant allowed in drinking water. Applies only to public drinking water supplies covered under the Michigan Safe Drinking Water Act, but Michigan uses the MCLs along with other factors when evaluating private residential well results.

[2] Compliance with MCLs is determined by running annual averages at the sampling point.

[3] Michigan's Rule 57 Water Quality Values apply to NPDES discharges. If a waterbody is also used as a source for drinking water, water quality values are lower than those shown.

2501113-06	2501113-07	2501113-08	2501113-09	2411198-01	50385014004	2411198-02	50385014005	50385014006	50385014007	50385014008
I-8	I-9	I-10	I-11	S-1	S-2	S-2	S-3	S-4	S-5	S-6
8327	8327	8327	8327	8327	537.1(M)	8327	537.1(M)	537.1(M)	537.1(M)	537.1(M)
1/27/2025	1/27/2025	1/27/2025	1/27/2025	11/18/2024	10/14/2024	11/18/2024	10/14/2024	10/14/2024	10/14/2024	10/14/2024
2/1/2025	2/1/2025	2/1/2025	2/1/2025	11/27/2025	10/24/2024	11/27/2025	10/24/2024	10/24/2024	10/24/2024	10/24/2024
<4.0	<4.0	<4.0	<4.0	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0
<4.0	<4.0	<4.0	5.2	<4.0	5.3	4.3	6.7	3.9	6.1	12.2
5.1	8.4	2.8	28	5.7	48.7	47	38.8	11.7	33.1	24.5
<2.0	2.7	2.8	17	<2.0	NA	12	NA	NA	NA	NA
<2.0	<2.0	<2.0	<2.0	<2.0	NA	<2.0	NA	NA	NA	NA
<2.0	<2.0	<2.0	4.2	<2.0	4.3	4.1	<2.0	<2.0	<2.0	<2.0
2.3	2.3	2.0	6.4	2.4	3.8	3.7	3.4	3.2	3.1	3.0
2.9	7.7	16	5.3	3.4	4.0	3.5	<2.0	4.8	<2.0	<2.0
<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2.6	2.8	4.5	12	7.7	10.8	14	3.2	3.5	3.3	4.2
<2.0	2.3	<2.0	6.7	<2.0	<2.0	<2.0	3.8	2.3	4.6	4.6
<2.0	3.2	<2.0	7.0	2.6	2.9	2.9	3.8	3.5	3.9	2.2

ie Drinking Water Act. Private residential wells are not regulated unde