



The City of Flint and F&V Operations and Resource Management are submitting the following report(s) to Michigan Department of Environment, Great Lakes and Energy:

E W D M week ending 12/18/19

E W D M week ending 12/25/19

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*"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons or persons who manage the system or those persons directly responsible for gathering such information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

City of Flint Representative: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

F&V Operations Representative: Robert Jones \_\_\_\_\_

Signature: [Signature] Date: 1/6/2020



## WEEKLY ENHANCED WATER QUALITY PARAMETER MONITORING

SAMPLE POINT IDENTIFICATION					PARAMETERS AND RESULTS											**PRIOR WEEK RESULTS	
Distribution System Location #	Sample Point Name & Address	Sample date	Tech	Temp. (°C)	Cond. (mS)	pH (su)	Total Alkalinity (mg/L CaCO3)	Calcium (mg/L Ca2+)	Hardness (mg/L CaCO3)	Turbidity (NTU)	Iron (mg/L)	Chloride (mg/L Cl <sup>-</sup> )	Sulfate mg/L	Phosphate (mg/L PO4)	Sample date	Lead (µg/L Pb)	
#14 (1)	Admiral Gas Station 3802 Davison Rd.	12/23/2019	bp	9.7	0.22	7.72	84	27.3	104	0.054	0.01	15	16	3.55	12/18/19	ND	
#16 (2)	Rite - Aid 2838 E Court St	12/20/2019	bp	9.5	0.22	7.70	84	27.3	100	0.099	0.03	14	15	3.53	12/13/19	ND	
#16 (2)	Rite - Aid 2838 E Court St																
#17 (3)	Liquor Palace 3302 S. Dart Hwy	12/20/2019	bp	9.7	0.22	7.49	82	27.3	102	0.139	0.03	14	20	3.59	12/13/19	ND	
#17 (3)	Liquor Palace 3302 S. Dart Hwy																
#4	Rite - Aid 3608 Corvina Rd.	12/19/2019	bp	9.7	0.22	7.23	84	27.3	104	0.118	0.01	15	19	3.52	12/12/19	ND	
#4	Rite - Aid 3608 Corvina Rd.	12/23/2019	bp	10.3	0.22	7.44	86	28.1	100	0.082	0.02	16	18	3.57			
#1 (5)	University Market 1068 Chevrolet Ave.	12/19/2019	bp	8.9	0.23	7.63	86	28.1	100	0.126	0.02	14	16	3.49	12/12/19	ND	
#1 (5)	University Market 1068 Chevrolet Ave.	12/23/2019	bp	9.1	0.23	7.49	82	28.1	100	0.086	0.03	15	17	3.51			
#18 (8)	Neighborhood Engagement Hub 328 MLK Blvd.	12/20/2019	bp	10.6	0.22	7.65	84	26.5	100	0.101	0.03	14	15	3.48	12/13/19	ND	
#18 (8)	Neighborhood Engagement Hub 328 MLK Blvd.																
#9 (7)	Rite-Aid 508 Chgo Rd. 48504	12/23/2019	bp	9.2	0.22	7.78	82	27.3	102	0.069	0.02	15	15	3.60	12/17/19	ND	
#8	N. Flint Automotive 8204 N. Saginaw St.	12/23/2019	bp	11.4	0.22	7.76	84	26.5	104	0.062	0.06	14	15	3.57	12/17/19	ND	
CSII	Control Station #2 4501 N. Dart Hwy.	12/24/2019	bp	9.9	0.21	7.48	78	28.9	102	0.08	0.01	14	15	1.20	12/17/19	ND	
#5 (CS)	Cedar Street Reservoir B Pump Station	12/19/2019	bp	9.6	0.23	7.21	82	28.1	100	0.125	0.01	15	15	3.59	12/12/19	ND	
#5 (CS)	Cedar Street Reservoir B Pump Station	12/23/2019	bp	9.4	0.23	7.45	84	27.3	102	0.096	0.02	15	16	3.58			
#11	Westside Reservoir 146 Depot St	12/23/2019	bp	10.9	0.23	7.88	84	27.3	104	0.164	0.02	14	19	3.44	12/17/19	ND	

\*\*most current Pb results



## WEEKLY ENHANCED WATER QUALITY PARAMETER MONITORING

SAMPLE POINT IDENTIFICATION					PARAMETERS AND RESULTS											**PRIOR WEEK RESULTS	
Distribution System Location #	Sample Point Name & Address	Sample date	Tech	Temp. (°C)	Cond. (mS)	pH (su)	Total Alkalinity (mg/L CaCO <sub>3</sub> )	Calcium (mg/L Ca <sup>2+</sup> )	Hardness (mg/L CaCO <sub>3</sub> )	Turbidity (NTU)	Iron (mg/L)	Chloride (mg/L Cl <sup>-</sup> )	Sulfate mg/L	Phosphate (mg/L PO <sub>4</sub> )	Sample date	Lead (µg/L Pb)	
#14 (1)	Admiral Gas Station 3802 Davison Rd.	12/18/2019	bp	9.9	0.23	7.86	84	28.1	102	0.093	0.01	15	15	3.49	12/11/19	ND	
#18 (2)	Rite - Aid 2838 E Court St	12/13/2019	bp	11.1	0.23	7.66	84	28.9	102	0.182	0.02	14	17	3.56	12/6/19	ND	
#18 (2)	Rite - Aid 2838 E Court St	12/18/2019	bp	9.8	0.22	7.63	84	28.1	100	0.123	0.01	14	15	3.56	.		
#17 (3)	Liquor Palace 3302 S. Dort Hwy	12/13/2019	bp	9.1	0.22	7.75	82	27.3	100	0.149	0.01	15	16	3.59	12/6/19	ND	
#17 (3)	Liquor Palace 3302 S. Dort Hwy	12/18/2019	bp	10.0	0.22	7.47	82	27.3	102	0.136	0.05	14	17	3.64	.		
#4	Rite - Aid 3808 Corunna Rd.	12/12/2019	bp	11.6	0.22	7.28	84	28.1	100	0.133	0.02	15	17	3.48	12/5/19	ND	
#4	Rite - Aid 3808 Corunna Rd.	12/18/2019	bp	11.5	0.22	7.61	82	28.1	102	0.134	0.01	15	15	3.56	.		
#1 (5)	University Market 1088 Chevrolet Ave.	12/12/2019	bp	9.7	0.23	7.59	84	28.1	102	0.107	0.03	14	17	3.48	12/5/19	ND	
#1 (5)	University Market 1088 Chevrolet Ave.	12/16/2019	bp	9.9	0.23	7.54	84	28.1	104	0.113	0.01	15	16	3.50	.		
#18 (8)	Neighborhood Engagement Hub 328 MLK Blvd.	12/13/2019	bp	12.0	0.22	7.77	86	28.1	100	0.098	0.02	15	16	3.41	12/6/19	ND	
#18 (8)	Neighborhood Engagement Hub 328 MLK Blvd.	12/18/2019	bp	11.0	0.22	7.64	84	27.3	98	0.092	0.04	15	18	3.42	.		
#9 (7)	Rite-Aid 508 Chin Rd. 48504	12/17/2019	bp	10.8	0.22	7.79	84	27.3	102	0.114	0.00	15	16	3.61	12/10/19	ND	
#8	N. Flint Automotive 6204 N. Saginaw St.	12/17/2019	bp	11.7	0.22	7.73	84	27.3	100	0.105	0.00	14	16	3.61	12/10/19	ND	
CSH	Control Station #2 4500 N. Dort Hwy.	12/17/2019	bp	9.9	0.21	7.59	80	28.1	104	0.16	0.00	14	15	1.22	12/10/19	ND	
#5 (CS)	Cedar Street Reservoir B Pump Station	12/12/2019	bp	12.5	0.23	7.41	84	28.1	98	0.216	0.03	15	20	3.50	12/5/19	ND	
#5 (CS)	Cedar Street Reservoir B Pump Station	12/16/2019	bp	11.0	0.23	7.75	82	28.1	102	0.129	0.01	16	18	3.61	.		
#11	Westside Reservoir 1416 Depot St	12/17/2019	bp	10.1	0.23	7.45	84	28.1	100	0.102	0.01	15	21	3.47	12/10/19	ND	

\*\*most current Pb results