



Detroit Water and Sewerage Department
Water Quality Division
Laboratory Analysis of Water Samples Collected at
Lake Huron Plant
12/14/2015

Parameter	Formula	Units	Raw	Tap	MCL	Sec.Std	MDL
Turbidity		NTU	0.30	0.06	0.3/95% (1)		
Total Solids		mg/L	119	115		500	10
Total Dissolved Solids		mg/L	116	122		500	10
Aluminum	Al	mg/L	< 0.050	0.074		0.05-0.2	0.005
Iron	Fe	mg/L	0.292	0.560		0.3	0.005
Copper	Cu	mg/L	< 0.005	< 0.005	1.3	1.0	0.002
Magnesium	Mg	mg/L	7.83	7.84			0.5
Calcium	Ca	mg/L	21.6	21.8			0.1
Sodium	Na	mg/L	5.10	5.26		20 (2)	0.1
Potassium	K	mg/L	0.78	0.82			0.1
Manganese	Mn	mg/L	< 0.002	< 0.002		0.05	0.002
Lead	Pb	mg/L	< 0.002	< 0.002	0.015 (AL)		0.002
Zinc	Zn	mg/L	< 0.010	< 0.010		5	0.1
Silica	SiO ₂	mg/L	1.0	0.9			0.4
Sulfate	SO ₄ ²⁻	mg/L	17.1	17.9		250	
Chloride	Cl ⁻	mg/L	9.3	9.9		250	5
Phosphorus	P	mg/L	< 0.05	0.35			0.05
Free Carbon Dioxide	CO ₂	mg/L	1.9	4.6			
Total Hardness (3), (4), (5)		mg/L	102	98			
Total Alkalinity (3)		mg/L	88	84			
Carbonate Alkalinity (3)		mg/L	0	0			
Bi-Carbonate Alkalinity (3)		mg/L	88	84			
Non-Carbonate Hardness (3)		mg/L	14	14			
Chemical Oxygen Demand		mg/L	4.8	4.4			2
Dissolved Oxygen		mg/L	8.6	8.9			
Nitrite Nitrogen	NO ₂ ⁻ -N	mg/L	< 0.1	< 0.1	1		0.1
Nitrate Nitrogen	NO ₃ ⁻ -N	mg/L	0.28	0.26	10		0.1
Fluoride	F ⁻	mg/L	0.09	0.69	4.0	2.0	0.5
pH			7.97	7.56	6.5-8.5	6.5-8.5	
Specific Conductance @ 25 °C.		micromhos	216	220			
Temperature		°C	6.1	6.1			

Legend	Notes:
MCL: Maximum Contaminant Level	(1) Turbidity must not exceed 0.3 NTU in 95% of samples in any month and always be < 1 NTU
Sec.Std: Secondary Standard	(2) EPA Guidance Level
NTU: Nephelometric Turbidity Unit	(3) As Calcium Carbonate
mg/L: Milligram Per Liter	mg/L is equivalent to part per million (ppm)
AL: Action Level	
MDL: Method Detection Limit	(4) By Titration
< : Less than	(5) Tap Water Hardness in Grains per Gallon 5.68 GPG
AE: Analytical Error	(6) Reported results are below the low calibration standard but above the instrument
IV: Invalid Sample	detection limit.

Analyst: Brian Brown Chemist Initial **B. B.** Date: 01/15/2016
 Reviewed By: Patrick Williford Chemist Initial **P. W.** Date: 01/19/2016

Detroit Water & Sewerage Department



Detroit Water and Sewerage Department
Water Quality Division
Laboratory Analysis of Water Samples Collected at
Southwest Plant
12/14/2015

Parameter	Formula	Units	Raw	Tap	MCL	Sec.Std	MDL
Turbidity		NTU	2.10	0.04	0.3/95% (1)		
Total Solids		mg/L	120	132		500	10
Total Dissolved Solids		mg/L	117	132		500	10
Aluminum	Al	mg/L	< 0.050	< 0.050		0.05-0.2	0.005
Iron	Fe	mg/L	0.735	< 0.050		0.3	0.005
Copper	Cu	mg/L	0.011	< 0.005	1.3	1.0	0.002
Magnesium	Mg	mg/L	7.36	10.68			0.5
Calcium	Ca	mg/L	8.6	21.1			0.1
Sodium	Na	mg/L	2.42	5.08		20 (2)	0.1
Potassium	K	mg/L	0.83	0.81			0.1
Manganese	Mn	mg/L	< 0.002	< 0.002		0.05	0.002
Lead	Pb	mg/L	< 0.002	< 0.002	0.015 (AL)		0.002
Zinc	Zn	mg/L	< 0.010	< 0.010		5	0.1
Silica	SiO ₂	mg/L	1.0	1.1			0.4
Sulfate	SO ₄ ²⁻	mg/L	17.0	24.4		250	
Chloride	Cl ⁻	mg/L	9.3	12.3		250	5
Phosphorus	P	mg/L	< 0.05	0.33			0.05
Free Carbon Dioxide	CO ₂	mg/L	1.6	4.7			
Total Hardness (3), (4), (5)		mg/L	106	110			
Total Alkalinity (3)		mg/L	84	74			
Carbonate Alkalinity (3)		mg/L	0	0			
Bi-Carbonate Alkalinity (3)		mg/L	84	74			
Non-Carbonate Hardness (3)		mg/L	22	36			
Chemical Oxygen Demand		mg/L	< 2.0	AE			2
Dissolved Oxygen		mg/L	9.2	9.3			
Nitrite Nitrogen	NO ₂ ⁻ -N	mg/L	< 0.1	< 0.1	1		0.1
Nitrate Nitrogen	NO ₃ ⁻ -N	mg/L	0.19	0.19	10		0.1
Fluoride	F ⁻	mg/L	0.10	0.65	4.0	2.0	0.5
pH			8.02	7.50	6.5-8.5	6.5-8.5	
Specific Conductance @ 25 °C.		micromhos	217	223			
Temperature		°C	9.2	9.1			

Legend	Notes:
MCL: Maximum Contaminant Level	(1) Turbidity must not exceed 0.3 NTU in 95% of samples in any month and always be < 1 NTU
Sec.Std: Secondary Standard	(2) EPA Guidance Level
NTU: Nephelometric Turbidity Unit	(3) As Calcium Carbonate
mg/L: Milligram Per Liter	mg/L is equivalent to part per million (ppm)
AL: Action Level	
MDL: Method Detection Limit	(4) By Titration
< : Less than	(5) Tap Water Hardness in Grains per Gallon 6.38 GPG
AE: Analytical Error	(6) Reported results are below the low calibration standard but above the instrument
IV: Invalid Sample	detection limit.

Analyst: Brian Brown Chemist Initial **B. B.** Date: 01/15/2016
 Reviewed By: Patrick Williford Chemist Initial **P. W.** Date: 01/19/2016

Detroit Water & Sewerage Department



Detroit Water and Sewerage Department
Water Quality Division
Laboratory Analysis of Water Samples Collected at
Water Works Park Plant
12/14/2015

Parameter	Formula	Units	Raw	Tap	MCL	Sec.Std	MDL
Turbidity		NTU	3.10	0.04	0.3/95% (1)		
Total Solids		mg/L	123	130		500	10
Total Dissolved Solids		mg/L	126	134		500	10
Aluminum	Al	mg/L	0.104	0.065		0.05-0.2	0.005
Iron	Fe	mg/L	0.954	< 0.050		0.3	0.005
Copper	Cu	mg/L	< 0.005	< 0.005	1.3	1.0	0.002
Magnesium	Mg	mg/L	7.87	7.62			0.5
Calcium	Ca	mg/L	26.0	23.5			0.1
Sodium	Na	mg/L	5.70	5.60		20 (2)	0.1
Potassium	K	mg/L	0.96	0.84			0.1
Manganese	Mn	mg/L	< 0.002	< 0.002		0.05	0.002
Lead	Pb	mg/L	< 0.002	< 0.002	0.015 (AL)		0.002
Zinc	Zn	mg/L	< 0.010	< 0.010		5	0.1
Silica	SiO ₂	mg/L	1.1	0.8			0.4
Sulfate	SO ₄ ²⁻	mg/L	16.3	21.1		250	
Chloride	Cl ⁻	mg/L	8.0	11.1		250	5
Phosphorus	P	mg/L	< 0.05	0.32			0.05
Free Carbon Dioxide	CO ₂	mg/L	0.1	4.3			
Total Hardness (3), (4), (5)		mg/L	96	104			
Total Alkalinity (3)		mg/L	98	74			
Carbonate Alkalinity (3)		mg/L	0	0			
Bi-Carbonate Alkalinity (3)		mg/L	98	74			
Non-Carbonate Hardness (3)		mg/L	0	30			
Chemical Oxygen Demand		mg/L	3.6	< 2.0			2
Dissolved Oxygen		mg/L	8.5	9.4			
Nitrite Nitrogen	NO ₂ ⁻ -N	mg/L	< 0.1	< 0.1	1		0.1
Nitrate Nitrogen	NO ₃ ⁻ -N	mg/L	0.32	0.29	10		0.1
Fluoride	F ⁻	mg/L	0.09	0.64	4.0	2.0	0.5
pH			9.18	7.54	6.5-8.5	6.5-8.5	
Specific Conductance @ 25 °C.		micromhos	225	229			
Temperature		°C	16.3	16.5			

Legend	Notes:
MCL: Maximum Contaminant Level	(1) Turbidity must not exceed 0.3 NTU in 95% of samples in any month and always be < 1 NTU
Sec.Std: Secondary Standard	(2) EPA Guidance Level
NTU: Nephelometric Turbidity Unit	(3) As Calcium Carbonate
mg/L: Milligram Per Liter	mg/L is equivalent to part per million (ppm)
AL: Action Level	
MDL: Method Detection Limit	(4) By Titration
< : Less than	(5) Tap Water Hardness in Grains per Gallon 6.03 GPG
AE: Analytical Error	(6) Reported results are below the low calibration standard but above the instrument
IV: Invalid Sample	detection limit.

Analyst: Brian Brown Chemist Initial **B. B.** Date: 01/15/2016
 Reviewed By: Patrick Williford Chemist Initial **P. W.** Date: 01/19/2016

Detroit Water & Sewerage Department



Detroit Water and Sewerage Department
Water Quality Division
Laboratory Analysis of Water Samples Collected at
Northeast Plant
12/14/2015

Parameter	Formula	Units	Raw	Tap	MCL	Sec.Std	MDL
Turbidity		NTU	3.10	0.06	0.3/95% (1)		
Total Solids		mg/L	123	128		500	10
Total Dissolved Solids		mg/L	126	135		500	10
Aluminum	Al	mg/L	0.104	0.084		0.05-0.2	0.005
Iron	Fe	mg/L	0.954	0.095		0.3	0.005
Copper	Cu	mg/L	< 0.005	< 0.005	1.3	1.0	0.002
Magnesium	Mg	mg/L	7.87	7.34			0.5
Calcium	Ca	mg/L	26.0	10.2			0.1
Sodium	Na	mg/L	5.70	3.55		20 (2)	0.1
Potassium	K	mg/L	0.96	2.37			0.1
Manganese	Mn	mg/L	< 0.002	< 0.002		0.05	0.002
Lead	Pb	mg/L	< 0.002	< 0.002	0.015 (AL)		0.002
Zinc	Zn	mg/L	< 0.010	< 0.010		5	0.1
Silica	SiO ₂	mg/L	1.1	1.2			0.4
Sulfate	SO ₄ ²⁻	mg/L	16.3	24.2		250	
Chloride	Cl ⁻	mg/L	8.0	11.1		250	5
Phosphorus	P	mg/L	< 0.05	0.35			0.05
Free Carbon Dioxide	CO ₂	mg/L	0.1	5.6			
Total Hardness (3), (4), (5)		mg/L	96	100			
Total Alkalinity (3)		mg/L	98	78			
Carbonate Alkalinity (3)		mg/L	0	0			
Bi-Carbonate Alkalinity (3)		mg/L	98	78			
Non-Carbonate Hardness (3)		mg/L	0	22			
Chemical Oxygen Demand		mg/L	3.6	10.0			2
Dissolved Oxygen		mg/L	8.5	9.6			
Nitrite Nitrogen	NO ₂ ⁻ -N	mg/L	< 0.1	< 0.1	1		0.1
Nitrate Nitrogen	NO ₃ ⁻ -N	mg/L	0.32	AE	10		0.1
Fluoride	F ⁻	mg/L	0.09	0.66	4.0	2.0	0.5
pH			9.18	7.44	6.5-8.5	6.5-8.5	
Specific Conductance @ 25 °C.		micromhos	225	225			
Temperature		°C	16.3	9.4			

Legend	Notes:
MCL: Maximum Contaminant Level	(1) Turbidity must not exceed 0.3 NTU in 95% of samples in any month and always be < 1 NTU
Sec.Std: Secondary Standard	(2) EPA Guidance Level
NTU: Nephelometric Turbidity Unit	(3) As Calcium Carbonate
mg/L: Milligram Per Liter	mg/L is equivalent to part per million (ppm)
AL: Action Level	
MDL: Method Detection Limit	(4) By Titration
< : Less than	(5) Tap Water Hardness in Grains per Gallon 5.80 GPG
AE: Analytical Error	(6) Reported results are below the low calibration standard but above the instrument
IV: Invalid Sample	detection limit.

Analyst: Brian Brown Chemist Initial **B. B.** Date: 01/15/2016
 Reviewed By: Patrick Williford Chemist Initial **P. W.** Date: 01/19/2016

Detroit Water & Sewerage Department



Detroit Water and Sewerage Department
Water Quality Division
Laboratory Analysis of Water Samples Collected at
Springwells Plant
12/14/2015

Parameter	Formula	Units	Raw	Tap	MCL	Sec.Std	MDL
Turbidity		NTU	3.10	0.03	0.3/95% (1)		
Total Solids		mg/L	123	131		500	10
Total Dissolved Solids		mg/L	126	126		500	10
Aluminum	Al	mg/L	0.104	< 0.050		0.05-0.2	0.005
Iron	Fe	mg/L	0.954	< 0.050		0.3	0.005
Copper	Cu	mg/L	< 0.005	< 0.005	1.3	1.0	0.002
Magnesium	Mg	mg/L	7.87	8.10			0.5
Calcium	Ca	mg/L	26.0	22.1			0.1
Sodium	Na	mg/L	5.70	5.20		20 (2)	0.1
Potassium	K	mg/L	0.96	0.81			0.1
Manganese	Mn	mg/L	< 0.002	< 0.002		0.05	0.002
Lead	Pb	mg/L	< 0.002	< 0.002	0.015 (AL)		0.002
Zinc	Zn	mg/L	< 0.010	0.04		5	0.1
Silica	SiO ₂	mg/L	1.1	1.3			0.4
Sulfate	SO ₄ ²⁻	mg/L	16.3	22.2		250	
Chloride	Cl ⁻	mg/L	8.0	11.1		250	5
Phosphorus	P	mg/L	< 0.05	0.36			0.05
Free Carbon Dioxide	CO ₂	mg/L	0.1	4.6			
Total Hardness (3), (4), (5)		mg/L	96	102			
Total Alkalinity (3)		mg/L	98	74			
Carbonate Alkalinity (3)		mg/L	0	0			
Bi-Carbonate Alkalinity (3)		mg/L	98	74			
Non-Carbonate Hardness (3)		mg/L	0	28			
Chemical Oxygen Demand		mg/L	3.6	8.8			2
Dissolved Oxygen		mg/L	8.5	9.6			
Nitrite Nitrogen	NO ₂ ⁻ -N	mg/L	< 0.1	< 0.1	1		0.1
Nitrate Nitrogen	NO ₃ ⁻ -N	mg/L	0.32	0.25	10		0.1
Fluoride	F ⁻	mg/L	0.09	0.62	4.0	2.0	0.5
pH			9.18	7.51	6.5-8.5	6.5-8.5	
Specific Conductance @ 25 °C.		micromhos	225	227			
Temperature		°C	16.3	8.0			

Legend	Notes:
MCL: Maximum Contaminant Level	(1) Turbidity must not exceed 0.3 NTU in 95% of samples in any month and always be < 1 NTU
Sec.Std: Secondary Standard	(2) EPA Guidance Level
NTU: Nephelometric Turbidity Unit	(3) As Calcium Carbonate
mg/L: Milligram Per Liter	mg/L is equivalent to part per million (ppm)
AL: Action Level	
MDL: Method Detection Limit	(4) By Titration
< : Less than	(5) Tap Water Hardness in Grains per Gallon 5.92 GPG
AE: Analytical Error	(6) Reported results are below the low calibration standard but above the instrument
IV: Invalid Sample	detection limit.

Analyst: Brian Brown Chemist Initial **B. B.** Date: 01/15/2016
Reviewed By: Patrick Williford Chemist Initial **P. W.** Date: 01/19/2016

Detroit Water & Sewerage Department



**Detroit Water and Sewerage Department
Water Quality Division
Laboratory Analysis of Water Samples Collected at Each Plant**

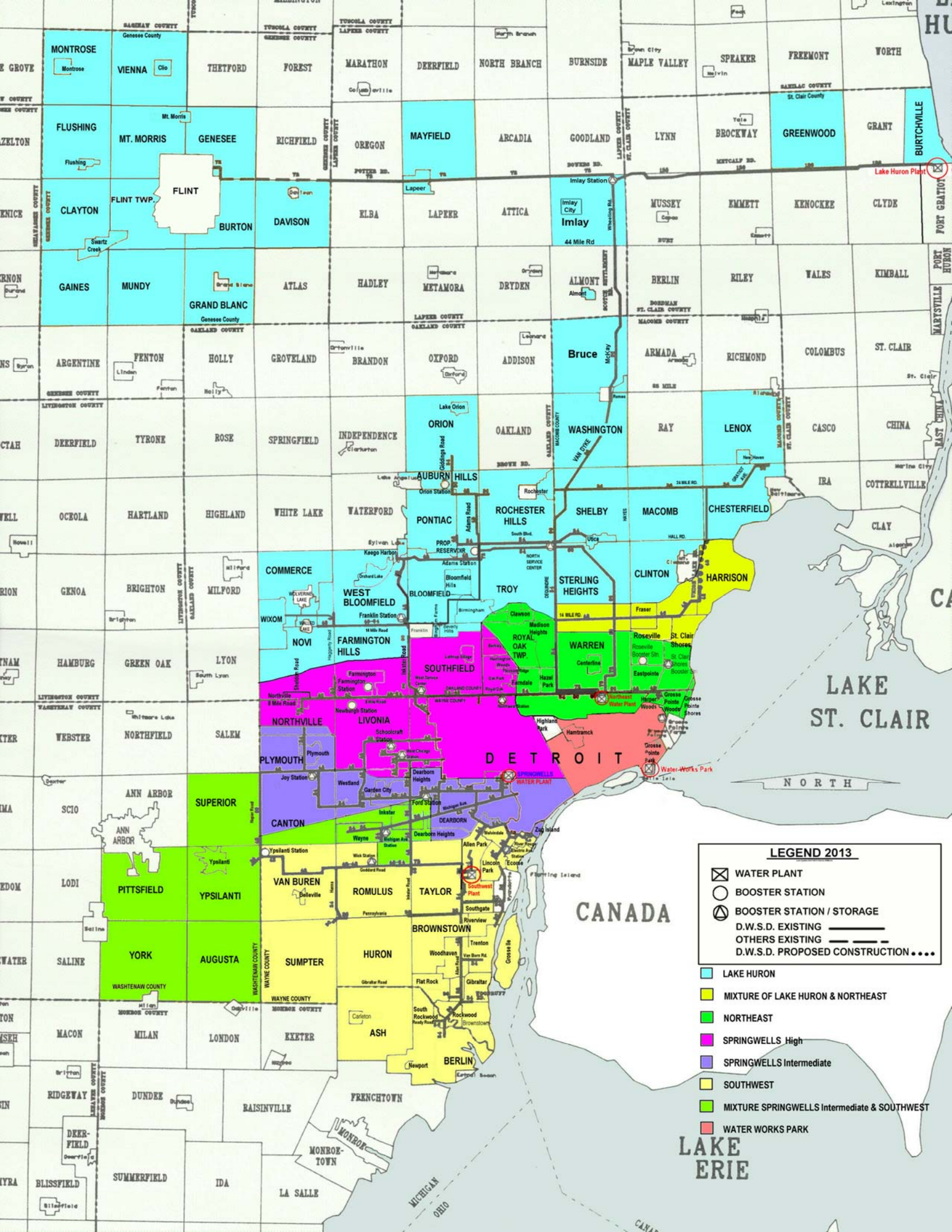
Date: 12/14/2015 12/14/2015 12/14/2015 12/14/2015 12/14/2015 12/14/2015 12/14/2015 12/14/2015

Parameter	Formula	Units	Lake Huron		Southwest		Belle Isle	Water Works Park		Northeast	Springwells	MCL	Sec.Std	MDL
			Raw	Tap	Raw	Tap	Raw	Tap	Tap	Tap				
Turbidity		NTU	0.30	0.06	2.10	0.04	3.10	0.04	0.06	0.03	0.3/95% (1)			
Total Solids		mg/L	119	115	120	132	123	130	128	131		500	10	
Total Dissolved Solids		mg/L	116	122	117	132	126	134	135	126		500	10	
Aluminum	Al	mg/L	< 0.050	0.074	< 0.050	< 0.050	0.104	0.065	0.084	< 0.050		0.05-0.2	0.005	
Iron	Fe	mg/L	0.292	0.560	0.735	< 0.050	0.954	< 0.050	0.095	< 0.050		0.3	0.005	
Copper	Cu	mg/L	< 0.005	< 0.005	0.011	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.3	1.0	0.002	
Magnesium	Mg	mg/L	7.83	7.84	7.36	10.68	7.87	7.62	7.34	8.10			0.5	
Calcium	Ca	mg/L	21.6	21.8	8.6	21.1	26.0	23.5	10.2	22.1			0.1	
Sodium	Na	mg/L	5.10	5.26	2.42	5.08	5.70	5.60	3.55	5.20		20 (2)	0.1	
Potassium	K	mg/L	0.78	0.82	0.83	0.81	0.96	0.84	2.37	0.81			0.1	
Manganese	Mn	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		0.05	0.002	
Lead	Pb	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.015 (AL)		0.002	
Zinc	Zn	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.04		5	0.1	
Silica	SiO ₂	mg/L	1.0	0.9	1.0	1.1	1.1	0.8	1.2	1.3			0.4	
Sulfate	SO ₄ ²⁻	mg/L	17.1	17.9	17.0	24.4	16.3	21.1	24.2	22.2		250		
Chloride	Cl ⁻	mg/L	9.3	9.9	9.3	12.3	8.0	11.1	11.1	11.1		250	5	
Phosphorus	P	mg/L	< 0.05	0.35	< 0.05	0.33	< 0.05	0.32	0.35	0.36			0.05	
Free Carbon Dioxide	CO ₂	mg/L	1.9	4.6	1.6	4.7	0.1	4.3	5.6	4.6				
Total Hardness (3), (4), (5)		mg/L	102	98	106	110	96	104	100	102				
Total Alkalinity (3)		mg/L	88	84	84	74	98	74	78	74				
Carbonate Alkalinity (3)		mg/L	0	0	0	0	0	0	0	0				
Bi-Carbonate Alkalinity (3)		mg/L	88	84	84	74	98	74	78	74				
Non-Carbonate Hardness (3)		mg/L	14	14	22	36	0	30	22	28				
Chemical Oxygen Demand		mg/L	4.8	4.4	< 2.0	AE	3.6	< 2.0	10.0	8.8			2	
Dissolved Oxygen		mg/L	8.6	8.9	9.2	9.3	8.5	9.4	9.6	9.6				
Nitrite Nitrogen	NO ₂ ⁻ -N	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	1		0.1	
Nitrate Nitrogen	NO ₃ ⁻ -N	mg/L	0.28	0.26	0.19	0.19	0.32	0.29	AE	0.25	10		0.1	
Fluoride	F ⁻	mg/L	0.09	0.69	0.10	0.65	0.09	0.64	0.66	0.62	4.0	2.0	0.5	
pH			7.97	7.56	8.02	7.50	9.18	7.54	7.44	7.51	6.5-8.5	6.5-8.5		
Specific Conductance @ 25 °C.		micromhos	216	220	217	223	225	229	225	227				
Temperature		°C	6.1	6.1	9.2	9.1	16.3	16.5	9.4	8.0				

Legend	Notes:
MCL: Maximum Contaminant Level	(1) Turbidity must not exceed 0.3 NTU in 95% of samples in any month and always be < 1 NTU
Sec.Std: Secondary Standard	(2) EPA Guidance Level
NTU: Nephelometric Turbidity Unit	(3) As Calcium Carbonate
mg/L: Milligram Per Liter	mg/L is equivalent to part per million (ppm)
AL: Action Level	
MDL: Method Detection Limit	(4) By Titration
< : Less than	(5) Tap Water Hardness in Grains per Gallon multiply value by 0.058 (Grains/Gallon)/(mg/L)
AE: Analytical Error	(6) Reported results are below the low calibration standard but above the instrument detection limit.
IV: Invalid Sample	

Analyst: Brian Brown	Chemist	Initial	B. B.	Date: 01/15/2016
Reviewed By: Patrick Williford	Chemist	Initial	P. W.	Date: 01/19/2016

Detroit Water & Sewerage Department

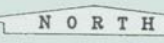


LEGEND 2013

- ☒ WATER PLANT
- BOOSTER STATION
- ⊕ BOOSTER STATION / STORAGE
- D.W.S.D. EXISTING
- - - OTHERS EXISTING
- ⋯ D.W.S.D. PROPOSED CONSTRUCTION

- ☐ LAKE HURON
- ☐ MIXTURE OF LAKE HURON & NORTHEAST
- ☐ NORTHEAST
- ☐ SPRINGWELLS High
- ☐ SPRINGWELLS Intermediate
- ☐ SOUTHWEST
- ☐ MIXTURE SPRINGWELLS Intermediate & SOUTHWEST
- ☐ WATER WORKS PARK

LAKE ERIE



CANADA

MICHIGAN OHIO

HU

PORT GRATION

PORT HURON

MARYSVILLE

EAST CHINA

CA

LAKE ST. CLAIR

NORTH

Map labels include: MONTROSE, VIENNA, THETFORD, FOREST, MARATHON, DEERFIELD, NORTH BRANCH, BURNSIDE, MAPLE VALLEY, SPEAKER, FREEMONT, WORTH, FLUSHING, MT. MORRIS, GENESEE, RICHFIELD, OREGON, MAYFIELD, ARCADIA, GOODLAND, LYNN, BROCKWAY, GREENWOOD, GRANT, BURCHVILLE, CLAYTON, FLINT TWP., FLINT, BURTON, DAVISON, ELBA, LAPEER, ATTICA, IMLAY, MUSSEY, EMMETT, KENOCKEE, CLYDE, GAINES, MUNDY, GRAND BLANC, ATLAS, HADLEY, METAMORA, DRYDEN, ALMONT, BERLIN, RILEY, WALES, KIMBALL, ARGENTINE, FENTON, HOLLY, GROVELAND, BRANDON, OXFORD, ADDISON, BRUCE, ARMADA, RICHMOND, COLOMBUS, ST. CLAIR, TYRONE, ROSE, SPRINGFIELD, INDEPENDENCE, OAKLAND, WASHINGTON, RAY, LENOX, CASCO, CHINA, DEERFIELD, TYRONE, ROSE, SPRINGFIELD, INDEPENDENCE, OAKLAND, WASHINGTON, RAY, LENOX, CASCO, CHINA, OROCLA, HARTLAND, HIGHLAND, WHITE LAKE, WATERFORD, PONTIAC, ROCHESTER HILLS, SHELBY, MACOMB, CHESTERFIELD, CLAY, COMMERCE, WEST BLOOMFIELD, BLOOMFIELD, TROY, STERLING HEIGHTS, CLINTON, HARRISON, GENOA, BRIGHTON, MILFORD, NOVI, FARMINGTON HILLS, SOUTHFIELD, ROYAL OAK TWP., WARREN, WESTFIELD, BLOOMFIELD, TROY, STERLING HEIGHTS, CLINTON, HARRISON, HAMBURG, GREEN OAK, LYON, NORTHVILLE, LIVONIA, SOUTHFIELD, ROYAL OAK TWP., WARREN, WESTFIELD, BLOOMFIELD, TROY, STERLING HEIGHTS, CLINTON, HARRISON, WEBSTER, NORTHFIELD, SALEM, CANTON, DEARBORN, DEARBORN HEIGHTS, DEARBORN, TAYLOR, BROWNSTOWN, HURON, VAN BUREN, ROMULUS, TAYLOR, BROWNSTOWN, HURON, YORK, AUGUSTA, SUMPTER, HURON, VAN BUREN, ROMULUS, TAYLOR, BROWNSTOWN, HURON, PITTSFIELD, YPSILANTI, VAN BUREN, ROMULUS, TAYLOR, BROWNSTOWN, HURON, ANN ARBOR, SUPERIOR, CANTON, DEARBORN, DEARBORN HEIGHTS, DEARBORN, TAYLOR, BROWNSTOWN, HURON, SALINE, YORK, AUGUSTA, SUMPTER, HURON, VAN BUREN, ROMULUS, TAYLOR, BROWNSTOWN, HURON, MACON, MILAN, LONDON, EXETER, ASH, BROWNSTOWN, HURON, BERLIN, FRENCHTOWN, RIDGEWAY, DUNDEE, RAISINVILLE, FRENCHTOWN, MONROE-TOWN, BLISSFIELD, SUMMERFIELD, IDA, LA SALLE, DEERFIELD, MONROE-TOWN, BLISSFIELD, SUMMERFIELD, IDA, LA SALLE.