



DEPARTMENT OF PUBLIC WORKS AND UTILITIES Water Plant

Sheldon Neeley
Mayor

Mike Brown
DPW Director

Drinking Water Testing Results

Melanie Wood,

At your request, a drinking water sample from the above referenced property was analyzed on 11-17-2022. The sample results are shown below and compared with treated drinking water samples obtained at the City of Flint water treatment plant which exceed state and federal safety requirements. Please note, there are not significant differences between the treated water from the plant and your results. If you have any questions, please feel free to contact me through my email below, or through the Water Plant office at 810-787-6537.

Chemical Parameters	Lab	1313 Cleveland Ave
Total Hardness (mg/L CaCO ₃)	100	100
Total Alkalinity (mg/L CaCO ₃)	82	82
Calcium (mg/L)	28.9	27.3
Calcium Hardness (mg/L)	72	68
Magnesium (mg/L)	6.8	7.8
Chloride (mg/L)	13	13
Non- Carbonate Hardness (mg/L)	28	32
Iron (mg/L)	0.01	0.02
pH (s. u.)	7.50	7.57
Chlorine Residual (mg/L) - Free	1.72	1.04
Chlorine Residual (mg/L) - Total	1.96	1.19
Phosphate (mg/L)	3.67	3.36
Conductivity (mS)	0.226	0.226
Turbidity (NTU)	0.122	0.128
Sulfate (mg/L)	18	18

Bacteriological Results

Total Coliforms	Negative	Negative
<i>E. coli</i> Bacteria	Negative	Negative

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**Mike Brown
DPW Director**

Drinking Water Testing Results

Patricia Watkins,

At your request, a drinking water sample from the above referenced property was analyzed on **09-23-2022**. The sample results are shown below and compared with treated drinking water samples obtained at the City of Flint water treatment plant which exceed state and federal safety requirements. Please note, there are not significant differences between the treated water from the plant and your results. If you have any questions, please feel free to contact me through my email below, or through the Water Plant office at 810-787-6537.

Chemical Parameters	Lab	1017 E. Russell Ave.
Total Hardness (mg/L CaCO ₃)	102	102
Total Alkalinity (mg/L CaCO ₃)	82	80
Calcium (mg/L)	28.1	28.1
Calcium Hardness (mg/L)	70	70
Magnesium (mg/L)	7.8	7.8
Chloride (mg/L)	15	16
Non- Carbonate Hardness (mg/L)	32	32
Iron (mg/L)	.01	.01
pH (s. u.)	7.40	7.64
Chlorine Residual (mg/L) - Free	1.79	.63
Chlorine Residual (mg/L) - Total	1.94	.83
Phosphate (mg/L)	3.63	3.11
Conductivity (mS)	.245	.246
Turbidity (NTU)	.302	.075
Sulfate (mg/L)	23	23

Bacteriological Results

Total Coliforms	Negative	Negative
<i>E. coli</i> Bacteria	Negative	Negative

**Benjamin Pank
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Drinking Water Testing Results

At your request, a drinking water sample from the above referenced property was analyzed on 09-09-2022. The sample results are shown below and compared with treated drinking water samples obtained at the City of Flint water treatment plant which exceed state and federal safety requirements. Please note, there are not significant differences between the treated water from the plant and your results. If you have any questions, please feel free to contact me through my email below, or through the Water Plant office at 810-787-6537.

Chemical Parameters	Lab	716 W. McClellan St.
Total Hardness (mg/L CaCO ₃)	100	102
Total Alkalinity (mg/L CaCO ₃)	80	80
Calcium (mg/L)	28.1	27.3
Calcium Hardness (mg/L)	70	68
Magnesium (mg/L)	7.3	8.3
Chloride (mg/L)	14	15
Non- Carbonate Hardness (mg/L)	30	34
Iron (mg/L)	.01	.02
pH (s. u.)	7.44	7.51
Chlorine Residual (mg/L) - Free	1.69	1.27
Chlorine Residual (mg/L) - Total	1.92	1.44
Phosphate (mg/L)	3.65	3.39
Conductivity (mS)	.248	.245
Turbidity (NTU)	.351	.133
Sulfate (mg/L)	29	25

Bacteriological Results

Total Coliforms	Negative	Negative
<i>E. coli</i> Bacteria	Negative	Negative

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Drinking Water Testing Results

Gloria Acker,

At your request, a drinking water sample from the above referenced property was analyzed on **09-02-2022**. The sample results are shown below and compared with treated drinking water samples obtained at the City of Flint water treatment plant which exceed state and federal safety requirements. Please note, there are not significant differences between the treated water from the plant and your results. If you have any questions, please feel free to contact me through my email below, or through the Water Plant office at 810-787-6537.

Chemical Parameters	Lab	2937 Concord
Total Hardness (mg/L CaCO ₃)	102	104
Total Alkalinity (mg/L CaCO ₃)	88	80
Calcium (mg/L)	27.3	28.9
Calcium Hardness (mg/L)	68	72
Magnesium (mg/L)	8.3	7.8
Chloride (mg/L)	14	15
Non- Carbonate Hardness (mg/L)	34	32
Iron (mg/L)	.01	.01
pH (s. u.)	7.54	7.52
Chlorine Residual (mg/L) - Free	1.71	.3
Chlorine Residual (mg/L) - Total	1.96	.4
Phosphate (mg/L)	3.38	3.18
Conductivity (mS)	.245	.244
Turbidity (NTU)	.312	.181
Sulfate (mg/L)	24	27

Bacteriological Results

Total Coliforms	Negative	Negative
<i>E. coli</i> Bacteria	Negative	Negative

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DPW Director**

Drinking Water Testing Results

Rodney Thomas,

At your request, a drinking water sample from the above referenced property was analyzed on **08-30-2022**. The sample results are shown below and compared with treated drinking water samples obtained at the City of Flint water treatment plant which exceed state and federal safety requirements. Please note, there are not significant differences between the treated water from the plant and your results. If you have any questions, please feel free to contact me through my email below, or through the Water Plant office at 810-787-6537.

Chemical Parameters	Lab	606 E. Philadelphia
Total Hardness (mg/L CaCO ₃)	102	102
Total Alkalinity (mg/L CaCO ₃)	78	84
Calcium (mg/L)	27.3	27.3
Calcium Hardness (mg/L)	68	68
Magnesium (mg/L)	8.3	8.3
Chloride (mg/L)	15	14
Non- Carbonate Hardness (mg/L)	34	34
Iron (mg/L)	.02	0
pH (s. u.)	7.49	7.51
Chlorine Residual (mg/L) - Free	1.61	1.35
Chlorine Residual (mg/L) - Total	1.92	1.52
Phosphate (mg/L)	3.56	3.42
Conductivity (mS)	.246	.248
Turbidity (NTU)	.282	.269
Sulfate (mg/L)	25	28

Bacteriological Results

Total Coliforms	Negative	Negative
<i>E. coli</i> Bacteria	Negative	Negative

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**Mike Brown
DPW Director**

Drinking Water Testing Results

Kevin Peets,

At your request, a drinking water sample from the above referenced property was analyzed on 08-26-2022. The sample results are shown below and compared with treated drinking water samples obtained at the City of Flint water treatment plant which exceed state and federal safety requirements. Please note, there are not significant differences between the treated water from the plant and your results. If you have any questions, please feel free to contact me through my email below, or through the Water Plant office at 810-787-6537.

Chemical Parameters	Lab	1015 Lincoln Ave.
Total Hardness (mg/L CaCO3)	100	102
Total Alkalinity (mg/L CaCO3)	80	80
Calcium (mg/L)	28.1	28.1
Calcium Hardness (mg/L)	70	70
Magnesium (mg/L)	7.3	7.8
Chloride (mg/L)	15	16
Non- Carbonate Hardness (mg/L)	30	32
Iron (mg/L)	.03	.02
pH (s. u.)	7.50	7.50
Chlorine Residual (mg/L) - Free	1.78	1.03
Chlorine Residual (mg/L) - Total	1.94	1.20
Phosphate (mg/L)	3.61	4.03
Conductivity (mS)	.246	.245
Turbidity (NTU)	.387	.565
Sulfate (mg/L)	29	27

Bacteriological Results

Total Coliforms	Negative	Negative
E. coli Bacteria	Negative	Negative

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**Mike Brown
DPW Director**

Drinking Water Testing Results

Michele Young,

At your request, a drinking water sample from the above referenced property was analyzed on **08-29-2022**. The sample results are shown below and compared with treated drinking water samples obtained at the City of Flint water treatment plant which exceed state and federal safety requirements. Please note, there are not significant differences between the treated water from the plant and your results. If you have any questions, please feel free to contact me through my email below, or through the Water Plant office at 810-787-6537.

Chemical Parameters	Lab	3411 Sunset Dr.
Total Hardness (mg/L CaCO3)	100	102
Total Alkalinity (mg/L CaCO3)	80	84
Calcium (mg/L)	28.1	28.1
Calcium Hardness (mg/L)	70	70
Magnesium (mg/L)	7.3	7.8
Chloride (mg/L)	15	14
Non- Carbonate Hardness (mg/L)	30	32
Iron (mg/L)	.01	0
pH (s. u.)	7.51	7.60
Chlorine Residual (mg/L) - Free	1.74	1.08
Chlorine Residual (mg/L) - Total	1.92	1.21
Phosphate (mg/L)	3.68	3.33
Conductivity (mS)	.245	.223
Turbidity (NTU)	.322	.209
Sulfate (mg/L)	29	22

Bacteriological Results

Total Coliforms	Negative	Negative
<i>E. coli</i> Bacteria	Negative	Negative

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**Mike Brown
DPW Director**

Drinking Water Testing Results

Gloria Acker,

At your request, a drinking water sample from the above referenced property was analyzed on 08-19-2022. The sample results are shown below and compared with treated drinking water samples obtained at the City of Flint water treatment plant which exceed state and federal safety requirements. Please note, there is significant differences between the treated water from the plant and your results. The difference being that the chlorine levels are lower. If you have any questions, please feel free to contact me through my email below, or through the Water Plant office at 810-787-6537.

Chemical Parameters	Lab	2937 Concord
Total Hardness (mg/L CaCO ₃)	102	102
Total Alkalinity (mg/L CaCO ₃)	80	82
Calcium (mg/L)	28.1	27.3
Calcium Hardness (mg/L)	70	68
Magnesium (mg/L)	7.8	8.3
Chloride (mg/L)	16	15
Non- Carbonate Hardness (mg/L)	32	34
Iron (mg/L)	.01	.02
pH (s. u.)	7.62	7.70
Chlorine Residual (mg/L) - Free	1.64	0.06
Chlorine Residual (mg/L) - Total	1.82	0.21
Phosphate (mg/L)	3.68	3.16
Conductivity (mS)	.249	.245
Turbidity (NTU)	.352	.113
Sulfate (mg/L)	25	22

Bacteriological Results

Total Coliforms	Negative	Negative
<i>E. coli</i> Bacteria	Negative	Negative

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