

National Testing Laboratories, Ltd556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 349706****1/22/2016****Customer:** JSN Architecture
Joseph Novitsky
1755 Royal Ave
Berkley, MI 48072**Source:** 711 S. Saginaw, Tap Water
Source City: Flint
Source State: MI**Date/Time Received:** 1/19/2016 15:00**Collected by:** J. Novitsky

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1002	Aluminum	200.7	0.2	mg/L	0.05	1.20*	1	1/19/2016 10:30	1/21/2016	1/21/2016
1074	Antimony	200.8	0.006	mg/L	0.003	ND	1	1/19/2016 10:30	1/21/2016	1/21/2016
1005	Arsenic	200.8	0.010	mg/L	0.002	ND	1	1/19/2016 10:30	1/21/2016	1/21/2016
1010	Barium	200.7	2	mg/L	0.10	ND	1	1/19/2016 10:30	1/21/2016	1/21/2016
1075	Beryllium	200.7	0.004	mg/L	0.001	ND	1	1/19/2016 10:30	1/21/2016	1/21/2016
1079	Boron	200.7	--	mg/L	0.10	ND	1	1/19/2016 10:30	1/21/2016	1/21/2016
1015	Cadmium	200.7	0.005	mg/L	0.001	ND	1	1/19/2016 10:30	1/21/2016	1/21/2016
1016	Calcium	200.7	--	mg/L	2.0	34.0	1	1/19/2016 10:30	1/21/2016	1/21/2016
1020	Chromium	200.7	0.100	mg/L	0.007	ND	1	1/19/2016 10:30	1/21/2016	1/21/2016
1022	Copper	200.7	1.0	mg/L	0.002	5.000*	1	1/19/2016 10:30	1/21/2016	1/21/2016
1028	Iron	200.7	0.3	mg/L	0.020	9.100*	1	1/19/2016 10:30	1/21/2016	1/21/2016
1030	Lead	200.8	0.015	mg/L	0.001	0.850*	1	1/19/2016 10:30	1/21/2016	1/21/2016
1031	Magnesium	200.7	--	mg/L	0.50	10.00	1	1/19/2016 10:30	1/21/2016	1/21/2016
1032	Manganese	200.7	0.05	mg/L	0.004	0.280*	1	1/19/2016 10:30	1/21/2016	1/21/2016
1035	Mercury	200.8	0.002	mg/L	0.0002	ND	J15 1	1/19/2016 10:30	1/21/2016	1/21/2016
1036	Nickel	200.7	--	mg/L	0.005	0.018	1	1/19/2016 10:30	1/21/2016	1/21/2016
1042	Potassium	200.7	--	mg/L	1.0	2.6	1	1/19/2016 10:30	1/21/2016	1/21/2016
1045	Selenium	200.8	0.05	mg/L	0.002	ND	1	1/19/2016 10:30	1/21/2016	1/21/2016
1050	Silver	200.7	0.10	mg/L	0.002	ND	1	1/19/2016 10:30	1/21/2016	1/21/2016

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 349706

1/22/2016

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
1052	Sodium	200.7	--	mg/L	1	15	1	1/19/2016 10:30	1/21/2016	1/21/2016
1085	Thallium	200.8	0.002	mg/L	0.001	ND	1	1/19/2016 10:30	1/21/2016	1/21/2016
1095	Zinc	200.7	5.000	mg/L	0.004	0.520	1	1/19/2016 10:30	1/21/2016	1/21/2016

Qualifiers:

J15: Estimated value, the metals analysis required digestion, this method is not suitable for the determination of volatile organo-mercury compounds.

These test results may be used for compliance purpose as required.

Analyst	Tests
JP	200.7
EC	200.8



James Abston, Operations Manager

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

National Testing Laboratories, Ltd556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 349707****1/22/2016****Customer:** JSN Architecture
Joseph Novitsky
1755 Royal Ave
Berkley, MI 48072**Source:** 711 S. Saginaw. Filtered through Purifier
Source City: Flint
Source State: MI**Date/Time Received:** 1/19/2016 15:00**Collected by:** J. Novitsky

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1002	Aluminum	200.7	0.2	mg/L	0.05	ND	1	1/19/2016 10:30		1/21/2016
1074	Antimony	200.8	0.006	mg/L	0.003	ND	1	1/19/2016 10:30		1/21/2016
1005	Arsenic	200.8	0.010	mg/L	0.002	0.002	1	1/19/2016 10:30		1/21/2016
1010	Barium	200.7	2	mg/L	0.10	ND	1	1/19/2016 10:30		1/21/2016
1075	Beryllium	200.7	0.004	mg/L	0.001	ND	1	1/19/2016 10:30		1/21/2016
1079	Boron	200.7	--	mg/L	0.10	ND	1	1/19/2016 10:30		1/21/2016
1015	Cadmium	200.7	0.005	mg/L	0.001	ND	1	1/19/2016 10:30		1/21/2016
1016	Calcium	200.7	--	mg/L	2.0	2.2	1	1/19/2016 10:30		1/21/2016
1020	Chromium	200.7	0.100	mg/L	0.007	ND	1	1/19/2016 10:30		1/21/2016
1022	Copper	200.7	1.0	mg/L	0.002	ND	1	1/19/2016 10:30		1/21/2016
1028	Iron	200.7	0.3	mg/L	0.020	ND	1	1/19/2016 10:30		1/21/2016
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	1/19/2016 10:30		1/21/2016
1031	Magnesium	200.7	--	mg/L	0.50	7.10	1	1/19/2016 10:30		1/21/2016
1032	Manganese	200.7	0.05	mg/L	0.004	ND	1	1/19/2016 10:30		1/21/2016
1035	Mercury	200.8	0.002	mg/L	0.0002	ND	1	1/19/2016 10:30		1/21/2016
1036	Nickel	200.7	--	mg/L	0.005	0.006	1	1/19/2016 10:30		1/21/2016
1042	Potassium	200.7	--	mg/L	1.0	ND	1	1/19/2016 10:30		1/21/2016
1045	Selenium	200.8	0.05	mg/L	0.002	ND	1	1/19/2016 10:30		1/21/2016
1050	Silver	200.7	0.10	mg/L	0.002	ND	1	1/19/2016 10:30		1/21/2016

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 349707

1/22/2016

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
1052	Sodium	200.7	--	mg/L	1	32	1	1/19/2016 10:30		1/21/2016
1085	Thallium	200.8	0.002	mg/L	0.001	ND	1	1/19/2016 10:30		1/21/2016
1095	Zinc	200.7	5.000	mg/L	0.004	ND	1	1/19/2016 10:30		1/21/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
JP	200.7
EC	200.8



James Abston, Operations Manager

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

National Testing Laboratories, Ltd556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 349708****1/22/2016****Customer:** JSN Architecture
Joseph Novitsky
1755 Royal Ave
Berkley, MI 48072**Source:** Flint River Water (Flint River - Downtown)
Source City: Flint
Source State: MI**Date/Time Received:** 1/19/2016 15:00**Collected by:** J. Novitsky

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1002	Aluminum	200.7	0.2	mg/L	0.05	0.12	1	1/19/2016 11:00	1/21/2016	1/21/2016
1074	Antimony	200.8	0.006	mg/L	0.003	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1005	Arsenic	200.8	0.010	mg/L	0.002	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1010	Barium	200.7	2	mg/L	0.10	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1075	Beryllium	200.7	0.004	mg/L	0.001	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1079	Boron	200.7	--	mg/L	0.10	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1015	Cadmium	200.7	0.005	mg/L	0.001	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1016	Calcium	200.7	--	mg/L	2.0	79.0	1	1/19/2016 11:00	1/21/2016	1/21/2016
1020	Chromium	200.7	0.100	mg/L	0.007	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1022	Copper	200.7	1.0	mg/L	0.002	0.002	1	1/19/2016 11:00	1/21/2016	1/21/2016
1028	Iron	200.7	0.3	mg/L	0.020	0.280	1	1/19/2016 11:00	1/21/2016	1/21/2016
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1031	Magnesium	200.7	--	mg/L	0.50	28.00	1	1/19/2016 11:00	1/21/2016	1/21/2016
1032	Manganese	200.7	0.05	mg/L	0.004	0.032	1	1/19/2016 11:00	1/21/2016	1/21/2016
1035	Mercury	200.8	0.002	mg/L	0.0002	ND	J15 1	1/19/2016 11:00	1/21/2016	1/21/2016
1036	Nickel	200.7	--	mg/L	0.005	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1042	Potassium	200.7	--	mg/L	1.0	3.3	1	1/19/2016 11:00	1/21/2016	1/21/2016
1045	Selenium	200.8	0.05	mg/L	0.002	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1050	Silver	200.7	0.10	mg/L	0.002	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 349708

1/22/2016

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
1052	Sodium	200.7	--	mg/L	1	34	1	1/19/2016 11:00	1/21/2016	1/21/2016
1085	Thallium	200.8	0.002	mg/L	0.001	ND	1	1/19/2016 11:00	1/21/2016	1/21/2016
1095	Zinc	200.7	5.000	mg/L	0.004	0.007	1	1/19/2016 11:00	1/21/2016	1/21/2016

Qualifiers:

J15: Estimated value, the metals analysis required digestion, this method is not suitable for the determination of volatile organo-mercury compounds.

These test results may be used for compliance purpose as required.

Analyst	Tests
JP	200.7
EC	200.8



James Abston, Operations Manager

This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, Ltd.