Lead/Copper Water Sampling Report

For

Berkley School District

March 19 & 23, 2016

Berkley School District

Lead/Copper Water Sampling Report

Background:

In March of 2016, Rod Fisher, Custodial & Operations Facilitator for Berkley School District contacted Nova Environmental, Inc. and requested that lead water samples be collected within ten District buildings. Upon discussion, it was determined to conduct testing for copper also. Since this water testing is for screening purposes, it was determined that 2-4 samples be collected within each building. The location of the testing was from interior taps from which water is typically drawn for consumption. This would include, but is not limited to the Kitchen within each building.

Sampling Methodology:

On Saturday, March 19th, 2016, environmental consultants from Nova Environmental, Inc. conducted the water sample collection throughout the District. It should be noted that the Pattengill Elementary School samples were collected on March 23, 2016. The water samples were collected "first draw" which means that the tap was not flushed prior to sample collection. This first draw method is stipulated within the Environmental Protection Agency and Michigan Department of Environmental Quality (MDEQ) sampling guidelines for lead and copper.

The water samples were collected on the weekend and/or early morning in order to ensure that the faucet has sat idle for a minimum of six hours prior to sample collection.

Sample Analysis:

Subsequent to the collection, the sample bottles were hand delivered to the National Testing Laboratories, Ltd., Ypsilanti, Michigan. The type of analysis performed on the water samples was Inductively Coupled Plasma – Mass Spectrometry (ICP – MS).

Sample Results:

The action level established by the Environmental Protection Agency (EPA) for lead in drinking water is 0.015 milligrams per liter (mg/L) while for copper is 1.3 mg/L.

The results of all samples collected and analyzed within Berkley School District were below the action levels for both lead and copper with the exception of the Southwest Kitchen Sink, Near Windows at Anderson Middle School, in which the lead level was 0.031 mg/L and the Kitchen, Double Sink, Right at Avery Center, in which the copper level was 1.600 mg/L. Recommendations for addressing this elevated lead/copper levels will be discussed with Berkley School District representatives. In the meantime, Nova recommends that these sources not be used.

Limitations:

The intent of this sampling was to conduct a simple, cursory screening for lead/copper in drinking water within Berkley School District. Therefore, this report was not intended to or should not be construed to provide any type of regulatory compliance. Furthermore, the sampling from two to four taps within a building does not imply a thorough or even representative indication of lead/copper in the drinking water, but is intended to simply provide a snapshot of lead/copper levels at the specific locations tested. In order to clarify, Nova Environmental, Inc. provides the following disclaimers:

- The determination of what taps to test were discussed with District staff and were based on those most likely to be used for consumption, which usually included one sample within the Kitchen;
- The intent of this sampling was not to provide any means or implication of regulatory compliance;
- The only way to ensure an accurate indication of potential lead/copper in water presence within a given building is to test each tap on a periodic basis.

Laboratory Statement of Qualifications:

National Testing Laboratories, Ltd. is a fully certified laboratory for the analysis of lead and copper in thirty four states throughout the US including Michigan. Included within this report is a Statement of Qualifications for lead and copper analysis along with a copy of their Michigan certification.

Anderson Middle School

| | Location | Lead | Copper |
|--------------------|--------------------------------------|------------|------------|
| Sample ID - 182345 | Drinking Fountain outside Room 106 | ND | 0.100 mg/L |
| Sample ID - 182347 | Southwest Kitchen Sink, Near Windows | 0.031 mg/L | 0.850 mg/L |
| Sample ID - 182326 | Drinking Fountain outside Room 216 | ND | 0.068 mg/L |

Angell Elementary School

| | Location | Lead | Copper |
|--------------------|---------------------------------|------------|------------|
| Sample ID - 182394 | Kitchen, Double Sink, Right | 0.002 mg/L | 0.870 mg/L |
| Sample ID - 182402 | rinking Fountain outside Room 1 | ND | 0.029 mg/L |

Avery Elementary

| | Location | Lead | Copper |
|--------------------|-----------------------------------|------------|------------|
| Sample ID - 182322 | Drinking Fountain outside Room 15 | ND | 0.460 mg/L |
| Sample ID - 182361 | Kitchen, Double Sink, Right | 0.004 mg/L | 1.600 mg/L |

Berkley High School

| | Location | Lead | Copper |
|--------------------|---|------|------------|
| Sample ID - 181656 | Drinking Fountain outside Innovation Center, Second Floor | ND | 0.065 mg/L |
| Sample ID - 181668 | Drinking Fountain outside Room 127 | ND | 0.150 mg/L |
| Sample ID - 181692 | Sink in Group Instruction A, outside Science Center, Second FLoor | ND | 0.590 mg/L |
| Sample ID - 181683 | Kitchen Faucet, Right Side | ND | 0.500 mg/L |

Burton Elementary School

| | Location | Lead | Copper |
|--------------------|------------------------------------|------------|------------|
| Sample ID - 182339 | Drinking Fountain outside Room 118 | ND | 0.054 mg/L |
| Sample ID - 182403 | Kitchen, Double Sink, Right | 0.001 mg/L | 0.420 mg/L |

Maintenance Building

| | Location | Lead | Copper |
|--------------------|----------|------|------------|
| Sample ID - 182337 | Kitchen | ND | 0.970 mg/L |

Berkley School District

Norup Inernational Elementary School

| | Location | Lead | Copper |
|--------------------|-------------------------------------|------------|------------|
| Sample ID - 182351 | Kitchen, Single Sink by Ovens | 0.004 mg/L | 0.270 mg/L |
| Sample ID - 182329 | Drinking Fountain, Outside Room 107 | 0.010 mg/L | 0.053 mg/L |

Pattengill Elementary School

| | Location | Lead | Copper |
|--------------------|--|------------|------------|
| Sample ID - 182302 | Kitchen Triple Sink - Left Side | 0.002 mg/L | 0.880 mg/L |
| Sample ID - 182285 | Right Side Drinking Fountain outside Main Office | ND | 0.180 mg/L |

Rogers Elementary School

| | Location | Lead | Copper |
|--------------------|----------------------------------|------|------------|
| Sample ID - 181670 | Drinking Fountain outside Room 2 | ND | 0.060 mg/L |
| Sample ID - 181659 | Kitchen, Double Sink, Right | ND | 0.100 mg/L |

Tyndall Center

| | Location | Lead | Copper |
|--------------------|-----------------------------------|------------|------------|
| Sample ID - 182331 | Room 7, Sink | 0.001 mg/L | 0.087 mg/L |
| Sample ID - 182237 | Drinking Fountain outside Room 12 | 0.002 mg/L | 0.130 mg/L |

556 South Mansfield, Ypsilanti, MI, 48197-5166

(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 352146 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source:

Source City: Source State: BSD-Anderson Middle School, 182347, SW Kitchen Sink Near Windows Berkley MI

Date/Time Received: 3/21/2016 09:55

Collected by: R. Doty

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:

LCR= Lead & Copper Rule

| Fed Id i | # Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|---------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.850 | 1 | 3/19/2016 | 04:58 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | 0.031* | 1 | 3/19/2016 | 04:58 | 3/25/2016 | |

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



| Analyst | Tests |
|---------|-------|
| EC | 200.8 |

James Abston, Operations Manager

556 South Mansfield, Ypsilanti, MI, 48197-5166

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ANALYTICAL REPORTS

SAMPLE CODE: 352147 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: Source City: Source State: BSD-Anderson Middle School, 182326, DF Outside Room 216 Berkley MI

Date/Time Received: 3/21/2016 09:55

Collected by: R. Doty

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:

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|--------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|-------------|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.068 | 1 | 3/19/2016 | 05:02 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2016 | 05:02 | 3/25/2016 | 11000000000 |

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

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |

James Abston, Operations Manager

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ANALYTICAL REPORTS

SAMPLE CODE: 352143 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source:

Source City: Source State: **BSD-Angell Elementary**, 182394, Kitchen Double Sink-Right Berkley MI

Date/Time Received: 3/21/2016 09:55

Collected by: R. Doty

> 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:

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepp | Date/Time ed Analyzed | |
|----------|--------------|--------|----------|--------|-----------|-------------------|----|----------------------|---------------|--------------------------|-------|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.870 | 1 | 3/19/2016 | 06:35 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | 0.002 | 1 | 3/19/2016 | 06:35 | 3/25/2016 | Butt. |

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

| Analyst | Tests | |
|---------|-------|--|
| EC | 200.8 | |



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Page 1 of 1 352143

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ANALYTICAL REPORTS

SAMPLE CODE: 352144 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: Source City: Source State: BSD-Angell Elementary, 182402, DF Outside Room 1 Berkley MI

| Date/Time Received: | 3/21/2016 09:55 |
|---------------------|-----------------|
| Collected by: | R. Doty |

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:

LCR= Lead & Copper Rule

| Fed Id a | # Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | E F | Date Prepped | Date/Time Analyzed | |
|----------|---------------|--------|----------|--------|-----------|-------------------|----|----------------------|--------|-----------------|-----------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.029 | 1 | 3/19/2016 | 06:39 | | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2016 | 06:39 | | 3/25/2016 | |

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

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |
| | |



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ANALYTICAL REPORTS

SAMPLE CODE: 352141 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: Source City:

Source State:

BSD-Avery Elementary, 182322, DF Outside Room 15 Berkley MI

| Date/Time Received: | 3/21/2016 09:55 |
|---------------------|-------------------------|
| man nas in sinsi | 1122370 - 1122707 - 112 |

Collected by: R. Doty

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:

LCR= Lead & Copper Rule

| Fed Id | # Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Da Pr | ate epped | Date/Time Analyzed | |
|--------|---------------|--------|----------|--------|-----------|-------------------|----|----------------------|----------|----------------------------|-----------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.460 | 1 | 3/19/2106 | 05:39 | | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2106 | 05:39 | Party in the second second | 3/25/2016 | |

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

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| JONNED / WOWIN | |

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |

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Page 1 of 1 352141

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ANALYTICAL REPORTS

SAMPLE CODE: 352142 3/28/2016

| Customer: | Nova Environmental Inc. Kary Amin | Source: | BSD-Avery Elementary, 182361, Kitchen Double Sink -Right | |
|-----------|--------------------------------------|---------------|---|--|
| | 5300 Plymouth Road | Source City: | Berkley | |
| | | Source State: | MI | |

Date/Time Received: 3/21/2016 09:55

Collected by: R. Doty

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:

LCR= Lead & Copper Rule

| Fed Id i | # Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Da Pre | te epped | Date/Time Analyzed | |
|----------|---------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------|-------------|-----------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 1.600* | 1 | 3/19/2016 | 05:37 | | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | 0.004 | 1 | 3/19/2016 | 05:37 | | 3/25/2016 | |

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

| Analyst | Tests | |
|---------|-------|--|
| EC | 200.8 | |



James Abston, Operations Manager

ANALYTICAL REPORTS

SAMPLE CODE: 352128 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Berkley High School, 181656 Source City: Berkley Source State: MI

| Date/Time Received: 3/2 | 21/2016 09:55 |
|-------------------------|---------------|
|-------------------------|---------------|

Collected by: R. Doty

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 contar | inant was not detected a | at or above our lower repo | orting 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:

DF outside Innovation Center, 2nd Floor

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|--------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.065 | 1 | 3/19/2016 | 04:41 | 3/24/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2016 | 04:41 | 3/24/2016 | |

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

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |



James Abston, Operations Manager

ANALYTICAL REPORTS

SAMPLE CODE: 352129 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Berkley High School, 181668 Source City: Berkley Source State: MI

| Date/Time Received: | 3/21/2016 09:55 |
|---------------------|-----------------|
| | |

Collected by: R. Doty

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:

DF Outside Room 127

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|--------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.150 | 1 | 3/19/2016 | 04:48 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2016 | 04:48 | 3/25/2016 | |

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

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |



James Abston, Operations Manager

ANALYTICAL REPORTS

SAMPLE CODE: 352130 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Berkley High School Source City: Berkley Source State: MI

| Date/Time Received: | 3/21/2016 09:55 |
|---------------------|-----------------|
| Collected by: | R. Dotv |

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:

Sink in Group Instruction A Outside Science Center, 2nd Floor

LCR= Lead & Copper Rule

| Fed Id | # Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | | Date Prepped | Date/Time Analyzed | |
|--------|---------------|--------|----------|--------|-----------|-------------------|----|----------------------|-------|-----------------|-----------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.590 | 1 | 3/19/2016 | 04:44 | | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2016 | 04:44 | | 3/25/2016 | |

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

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |



James Abston, Operations Manager

ANALYTICAL REPORTS

SAMPLE CODE: 352133 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Berkley High School, 181683 Source City: Berkley Source State: MI

| Date/Time Received: | 3/21/2016 09:55 | | | |
|---------------------|-----------------|--|--|--|
| Collected by: | R. Doty | | | |

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:

Kitchen Faucet, Right Side

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|--------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|---|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.500 | 1 | 3/19/2016 | 04:36 | 3/25/2016 | 1 |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2016 | 04:36 | 3/25/2016 | |

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

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| ~ | CAMER / NOSAN |

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |

James Abston, Operations Manager

556 South Mansfield, Ypsilanti, MI, 48197-5166

(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 352131 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Burton Elementary, 182339 Source City: Huntington Woods Source State:MI

| Date/Time Received: | 3/21/2016 09:55 |
|---------------------|-----------------|
| Collected by: | R. Doty |

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 w | as not o | detected a | at or | above o | ur 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:

DF Outside Room 118

LCR= Lead & Copper Rule

| Fed Id a | # Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|---------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.054 | 1 | 3/19/2016 | 06:02 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2016 | 06:02 | 3/25/2016 | |

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

| Tests | |
|-------|-------------|
| 200.8 | |
| | Tests 200.8 |



James Abston, Operations Manager

556 South Mansfield, Ypsilanti, MI, 48197-5166

(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 352134 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Burton Elementary, 182403 Source City: Huntington Woods Source State: MI

| Date/Time Received: | 3/21/2016 09:55 |
|---------------------|-----------------|
| Collected by: | R. Doty |

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:

Kitchen Double Sink-Right

LCR= Lead & Copper Rule

| Fed Id i | # Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|---------------|--------|----------|--------|-----------|-------------------|-----|----------------------|-----------------|-----------------------|--------|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.420 | . 1 | 3/19/2016 | 05:58 | 3/25/2016 | in ser |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | 0.001 | 1 | 3/19/2016 | 05:58 | 3/25/2016 | |

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

| Analyst | Tests | |
|---------|-------|--|
| EC | 200.8 | |



James Abston, Operations Manager

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Page 1 of 1 352134

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

ANALYTICAL REPORTS

SAMPLE CODE: 352145 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

BSD-Maintenance Building, 182337-Kitchen Source: Source City: Berkley Source State: MI

| Date/Time Received: | 3/21/2016 | 09:55 |
|---------------------|-----------|-------|
|---------------------|-----------|-------|

Collected by: R. Doty

> 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:

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|--------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.970 | 1 | 3/19/2016 | 06:23 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2016 | 06:23 | 3/25/2016 | |

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

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |



James Abston, Operations Manager

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

ANALYTICAL REPORTS

SAMPLE CODE: 352137 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source:

Source City:

Source State:

BSD-Norup International Elem. School, 182351, Kitchen Single Sink By Ovens Berkley MI

Date/Time Received: 3/21/2016 09:55

Collected by: R. Doty

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:

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|--------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|---------------------|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.270 | 1 | 3/19/2016 | 05:20 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | 0.004 | 1 | 3/19/2016 | 05:20 | 3/25/2016 | and a second second |

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



| Analyst | Tests | |
|---------|-------|--|
| EC | 200.8 | |

James Abston, Operations Manager

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Page 1 of 1 352137

556 South Mansfield, Ypsilanti, MI, 48197-5166

(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 352138 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source:

Source City: Source State: BSD-Norup International Elem. School, 182329, DF Outside Room 107 Berkley MI

Date/Time Received: 3/21/2016 09:55

Collected by: R. Doty

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:

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|--------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.053 | 1 | 3/19/2016 | 05:24 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | 0.010 | 1 | 3/19/2016 | 05:24 | 3/25/2016 | |

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

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |



James Abston, Operations Manager

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

ANALYTICAL REPORTS

SAMPLE CODE: 352322 3/31/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Pattengill Elem. School, 182285 Source City: Berkley Source State: MI

Date/Time Received:3/23/2016 11:30Collected by:M. McCarthy

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 contamin | ant 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:

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method S | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | | Date Prepped | Date/Time Analyzed | |
|-----------------------------|--------------|----------|----------|-------|-------|-------------------|----|----------------------|-------|-----------------|-----------------------|--|
| Inorganic Analytes - Metals | | | | | | | | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.180 | 1 | 3/23/2016 | 06:22 | | 3/30/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/23/2016 | 06:22 | | 3/30/2016 | |

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

| ΛΛ. | Q | | 1 | |
|-----|---|----|----|--|
| Ul | J | 7h | th | |

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |

Christine MacMillan, Technical Director

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

ANALYTICAL REPORTS

SAMPLE CODE: 352323 3/31/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Pattengill Elem. School, 182302 Source City: Berkley Source State:MI

Date/Time Received:3/23/2016 11:30Collected by:M. McCarthy

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 contamin | ant 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:

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method S | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | | Date Prepped | Date/Time Analyzed | |
|----------|--------------|----------|----------|---------|------------|-------------------|----|----------------------|-------|-----------------|-----------------------|--|
| | | | | Inorgan | ic Analyte | es - Metals | | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.880 | 1 | 3/23/2016 | 06:15 | | 3/30/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | 0.002 | 1 | 3/23/2016 | 06:15 | | 3/30/2016 | |

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

| ΛΛ. | Q | | 1 | |
|-----|---|----|----|--|
| Ul | J | 7h | th | |

| Analyst | Tests | | | | | |
|---------|-------|--|--|--|--|--|
| EC | 200.8 | | | | | |

Christine MacMillan, Technical Director

ANALYTICAL REPORTS

SAMPLE CODE: 352132 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Rogers Elementary, 181670 Source City: Berkley Source State: MI

| Date/Time Received: | 3/21/2016 09:55 |
|-------------------------------|-----------------|
| New York Control of the State | 508 (NC8) 65 |

Collected by: R. Doty

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) | ł |
|------|---|---|
|------|---|---|

"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:

DF Outside Room 2

LCR= Lead & Copper Rule

| Fed Id | # Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time d Analyzed | |
|--------|---------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-------------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.060 | 1 | 3/19/2016 | 06:16 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2016 | 06:16 | 3/25/2016 | D. D. P. |

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

| Analyst | Tests | | | | | | |
|---------|-------|--|--|--|--|--|--|
| EC | 200.8 | | | | | | |



James Abston, Operations Manager

ANALYTICAL REPORTS

SAMPLE CODE: 352135 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Rogers Elementary, 181659 Source City: Berkley Source State: MI

| Date/Time Received: | 3/21/2016 09:55 | | | |
|---------------------|-----------------|--|--|--|
| Collected by: | R. Doty | | | |

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:

Kitchen Double Sink-Right

LCR= Lead & Copper Rule

| Fed Id # | # Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|----------|---------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|----------------------|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.100 | 1 | 3/19/2016 | 06:13 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | ND | 1 | 3/19/2016 | 06:13 | 3/25/2016 | THE REAL PROPERTY OF |

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

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|----|----------|-------|----|
| 1 | | A | |
| In | | Ald | 5 |
| | MTVERA / | 48.44 | 11 |

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |

James Abston, Operations Manager

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

ANALYTICAL REPORTS

SAMPLE CODE: 352139 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: BSD-Tyndall School, 182331, Sink in Room 7 Source City: Berkley Source State: MI

| Date/Time Received: | 3/21/2016 09:5 | 55 |
|---------------------|----------------|----|
|---------------------|----------------|----|

Collected by: R. Doty

> 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:

LCR= Lead & Copper Rule

| Fed Id | # Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed | |
|--------|---------------|--------|----------|--------|-----------|-------------------|----|----------------------|-----------------|-----------------------|----------|
| | | | | Inorga | nic Analy | /tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.087 | 1 | 3/19/2016 | 05:49 | 3/25/2016 | large de |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | 0.001 | 1 | 3/19/2016 | 05:49 | 3/25/2016 | |

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

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |



James Abston, Operations Manager

556 South Mansfield, Ypsilanti, MI, 48197-5166

(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 352140 3/28/2016

Customer: Nova Environmental Inc. Kary Amin 5300 Plymouth Road Ann Arbor, MI 48105

Source: Source City: Source State: BSD-Tyndall School, 182237, DF Outside Room 12 Berkley MI

| Date/Time Received: | 3/21/2016 09:55 | | | | |
|---------------------|-----------------|--|--|--|--|
| Collected by: | R. Doty | | | | |

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 ne | ot detected at or above our lower reporti | ng 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:

LCR= Lead & Copper Rule

| Fed Id # | Contaminant | Method | Standard | Units | LRL | Level Detected | DF | Date/Time Sampled | Date Prepp | Date/Time ed Analyzed | |
|----------|--------------|--------|----------|--------|-----------|-------------------|----|----------------------|---------------|--------------------------|--|
| | | | | Inorga | nic Analy | tes - Metals | | | | | |
| 1022 | Copper (LCR) | 200.8 | 1.3 | mg/L | 0.002 | 0.130 | 1 | 3/19/2016 | 05:45 | 3/25/2016 | |
| 1030 | Lead | 200.8 | 0.015 | mg/L | 0.001 | 0.002 | 1 | 3/19/2016 | 05:45 | 3/25/2016 | |

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

| Analyst | Tests |
|---------|-------|
| EC | 200.8 |



James Abston, Operations Manager

State of Michigan Department of Environmental Quality Remediation & Redevelopment Division



CERTIFIES:

NATIONAL TESTING LABORATORIES, LTD.

HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:

FULL CERTIFICATION

INORGANIC CHEMISTRY

Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Lead, Nickel, Selenium Thallium, Sodium and Copper Mercury, Bromide, Bromate, Nitrate, Nitrite, Fluoride, Sulfate Chlorate, Chlorite and Total Organic Carbon

This certification requires maintenance of an acceptable quality assurance program, use of approved methodology and equipment, and satisfactory performance on evaluation samples. This certification does not guarantee validity of data generated.



November 6, 2018 Expiration Date

October 16, 2015 Issuance Date

0055 Laboratory Number

> EQC 2310 12/02 Authority: Act 399, PA 1976



Statement of Qualifications

Lead and Copper Analysis

National Testing Laboratories, Ltd. located in Ypsilanti, Michigan specializes in the testing of drinking water. We are accredited by the NELAC Institute and have also achieved ISO Certification for analyzing lead and copper. Additionally, we are certified in thirty-four states and U.S. territories for lead and copper in drinking water. Following are the methods we utilize for testing lead and copper in drinking water.

Lead is analyzed by one of two methods. The more commonly run method is 200.8 which utilizes Inductively Coupled Plasma Mass Spectrometry. The second method is Standard Methods 3113B, which utilizes Electrothermal Atomic Absorption Spectrometry. This method is more commonly used to confirm results from the ICP-MS, but can also be used to run production samples.

Copper is analyzed by one of two methods. The method used is dependent on the other metals that may be needed in addition to copper, this is to improve efficiency of runs. EPA method 200.8 is often used when analyzing lead and copper samples, so samples can be run simultaneously. Copper can also be analyzed using 200.7 which utilizes Inductively Coupled Plasma Atomic Emission Spectrometry.

National Testing Laboratories runs thousands of samples each year for Lead and Copper to meet various regulations and client requirements. We have been in business for Regulations include FHA and VA loans, FDA requirements and the Lead and Copper rule under the Safe Drinking Water Act.



800-458-3330

www.ntllabs.com

Corporate Headquarters: 6571 Wilson Mills Road, Cleveland, Ohio 44143 • Phone: 440-449-2525 • Fax: 440-449-8585

Testing Facility: National Testing Laboratory, Ltd., 556 South Mansfield Street, Ypsilanti, MI 48197