

Lead/Copper Water Sampling Report

For

Berkley School District

March 2021

Berkley School District

Lead/Copper Water Sampling Report

Background:

In March of 2021, Jon Barth, Custodial & Operations Facilitator for Berkley School District contacted Nova Environmental, Inc. and requested that lead and copper water samples be collected within nine district buildings. Since this water testing is for screening purposes, it was determined that 6 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 March 13, 2021, environmental consultants from Nova Environmental, Inc. conducted the water sample collection throughout the District. 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.

Subsequent to the collection, the sample bottles were hand delivered to the Brighton Analytical, LLC. 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 15 micrograms per liter (ug/L) and 1300 micrograms per liter (ug/L) for copper.

The results of all samples collected and analyzed within Berkley School District were below the action level for lead and Copper with the exception of one sample collected from Anderson Middle School, Classroom 103, which tested above the EPA action level for Copper. It is recommended that this fixture is not used for drinking water until it can be resampled.

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:

Brighton Analytical, LLC. is a fully certified laboratory for the analysis of lead and copper in drinking water in the State of Michigan. Included within this report is a Statement of Qualifications for lead and copper analysis along with a copy of their Michigan certification.

Avery Elementary School

Sample ID	Location	Lead	Copper
001	Classroom C105	ND	280 ug/L
002	Classroom C104	ND	260 ug/L
003	Classroom C109	ND	230 ug/L
004	Elkay Station 1, next to A114	ND	240 ug/L
005	Elkay Station 2, across from Gym Entrance	ND	160 ug/L
006	Elkay Station 3, across from B111	ND	460 ug/L

Angell Elementary School

Sample ID	Location	Lead	Copper
007	Class Room 6	ND	500 ug/L
008	Classroom 15	ND	190 ug/L
009	Classroom 220	ND	230 ug/L
010	Elkay Station 1, West Hall	ND	190 ug/L
011	Elkay Station 2, Upstairs	ND	120 ug/L
012	Elkay Station 3, Southeast Hall	ND	240 ug/L

Federal Action Level for Drinking Water: Lead 15 ug/L
Copper 1300 ug/L
ug/L = microgram/Liter

ND = None Detected at Reporting Limit

Burton Elementary School

Sample ID	Location	Lead	Copper
013	Classroom 1	ND	290 ug/L
014	Classroom 123	ND	700 ug/L
015	Classroom 201	ND	380 ug/L
016	Elkay Station 1, Long Hall next to 118	ND	170 ug/L
017	Elkay Station 2, 2nd Floor, Northside of Hallway	ND	200 ug/L
018	Elkay Station 3, Next to Main Office	ND	300 ug/L

Pattengill Elementary School

Sample ID	Location	Lead	Copper
019	Classroom 210	1 ug/L	430 ug/L
020	Classroom 114	2 ug/L	210 ug/L
021	Classroom 123	ND	180 ug/L
022	Elkay Station 1, 2nd Floor	ND	240 ug/L
023	Elkay Station 2, Front Hall	ND	60 ug/L
024	Elkay Station 3, East Hall, North End	ND	240 ug/L

Federal Action Level for Drinking Water: Lead 15 ug/L
Copper 1300 ug/L
ug/L = microgram/Liter

ND = None Detected at Reporting Limit

Rogers Elementary School

Sample ID	Location	Lead	Copper
025	Classroom 1	ND	170 ug/L
026	Classroom 2	2 ug/L	250 ug/L
027	Music Room	3 ug/L	290 ug/L
028	Elkay Station 1, by Room 2	ND	200 ug/L
029	Elkay Station 2, by Gym	ND	210 ug/L
030	Elkay Station 3, by Upper EL Boys Restroom	ND	180 ug/L

Norup International

Sample ID	Location	Lead	Copper
031	Classroom 206	4 ug/L	210 ug/L
032	Classroom 130	2 ug/L	260 ug/L
033	Classroom 102	4 ug/L	310 ug/L
034	Elkay Station 1, North Hallway	ND	750 ug/L
035	Elkay Station 2, East Hallway	ND	310 ug/L
036	Elkay Station 3, West Hallway	ND	740 ug/L

Federal Action Level for Drinking Water: Lead 15 ug/L
Copper 1300 ug/L
ug/L = microgram/Liter

ND = None Detected at Reporting Limit

Anderson Middle School

Sample ID	Location	Lead	Copper
037	Classroom 110	ND	550 ug/L
038	Classroom 201	6 ug/L	900 ug/L
039	Classroom 103	11 ug/L	2700 ug/L
040	Elkay Station 1, Outside Gym	ND	370 ug/L
041	Elkay Station 2, Outside Music Room	ND	220 ug/L
042	Elkay Station 3, Top of Steps, West End	ND	490 ug/L

Berkley High School

Sample ID	Location	Lead	Copper
043	Classroom 238	3 ug/L	480 ug/L
044	Classroom 239	1 ug/L	530 ug/L
045	Teacher's Lounge	ND	ND
046	Elkay Station 1, by 178	ND	440 ug/L
047	Elkay Station 2, by Student Services	ND	240 ug/L
048	Elkay Station 3, by Main Office	ND	370 ug/L

Federal Action Level for Drinking Water: Lead 15 ug/L
Copper 1300 ug/L
ug/L = microgram/Liter

ND = None Detected at Reporting Limit

Tyndall Center

Sample ID	Location	Lead	
049	Staff Lounge	ND	390 ug/L
050	Ladies Room by Southeast Entrance, Sink	ND	100 ug/L
051	Board Hall, nearest to Main Lobby, Restroom Sink	ND	330 ug/L
052	Elkay Station 1, Board Hall	ND	610 ug/L
053	Elkay Station 2, Outside Staff Lounge	ND	370 ug/L
054	Elkay Station 3, by Southwest Entrance	ND	280 ug/L

Federal Action Level for Drinking Water: Lead 15 ug/L
Copper 1300 ug/L
ug/L = microgram/Liter

ND = None Detected at Reporting Limit



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 EGLE Certified #9404
 NELAC Accredited #176507

Sample Date/Time: 03/13/2021 07:57
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

Nova Environmental
 5300 Plymouth Rd.
 Ann Arbor, MI 48105

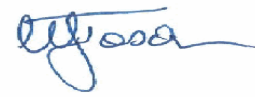
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03710** Project Number: **CI0136/*130**
 Sample ID: **001 Avery Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	280	ug/L	20	1300	EPA 200.8 rev5.4	16:56	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	16:56	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 
 Date 3/17/2021



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Sample Date/Time: 03/13/2021 07:55
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

Nova Environmental
 5300 Plymouth Rd.
 Ann Arbor, MI 48105

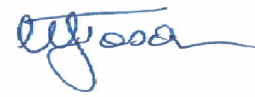
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03711** Project Number: **CI0136/*130**
 Sample ID: **002 Avery Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	260	ug/L	20	1300	EPA 200.8 rev5.4	16:59	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	16:59	03/16/2021

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BA Project # **73564**
 BA Sample ID **CO03712**

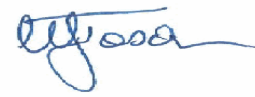
Project Name: **Berkley School District**
 Project Number: **CI0136/*130**
 Sample ID: **003 Avery Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	230	ug/L	20	1300	EPA 200.8 rev5.4	17:01	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:01	03/16/2021

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 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

Nova Environmental
 5300 Plymouth Rd.
 Ann Arbor, MI 48105

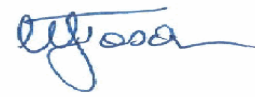
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03713** Project Number: **CI0136/*130**
 Sample ID: **004 Avery Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	240	ug/L	20	1300	EPA 200.8 rev5.4	17:03	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:03	03/16/2021

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Sample Date/Time: 03/13/2021 07:52
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

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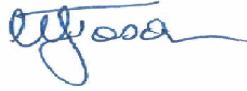
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03714** Project Number: **CI0136/*130**
 Sample ID: **005 Avery Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	160	ug/L	20	1300	EPA 200.8 rev5.4	17:20	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:20	03/16/2021

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BA Project # **73564**
 BA Sample ID **CO03715**

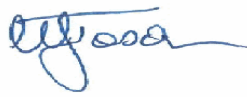
Project Name: **Berkley School District**
 Project Number: **CI0136/*130**
 Sample ID: **006 Avery Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	460	ug/L	20	1300	EPA 200.8 rev5.4	17:23	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:23	03/16/2021

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 Report Date: 03/17/2021

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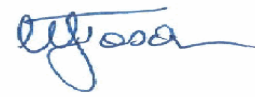
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 BA Sample ID **CO03716** Project Number: **CI0136/*130**
 Sample ID: **007 Angell Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	500	ug/L	20	1300	EPA 200.8 rev5.4	17:24	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:24	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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Sample Date/Time: 03/13/2021 09:59
 Submit Date/Time: 03/15/2021 13:30
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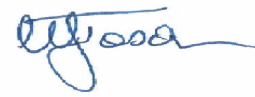
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03717** Project Number: **CI0136/*130**
 Sample ID: **008 Angell Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	190	ug/L	20	1300	EPA 200.8 rev5.4	17:27	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:27	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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BA Project # **73564**
 BA Sample ID **CO03718**

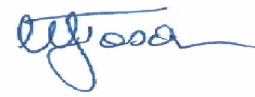
Project Name: **Berkley School District**
 Project Number: **CI0136/*130**
 Sample ID: **009 Angell Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	230	ug/L	20	1300	EPA 200.8 rev5.4	17:34	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:34	03/16/2021

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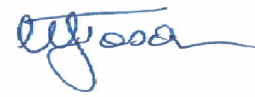
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03719** Project Number: **CI0136/*130**
 Sample ID: **010 Angell Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	190	ug/L	20	1300	EPA 200.8 rev5.4	17:36	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:36	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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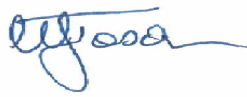
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03720** Project Number: **CI0136/*130**
 Sample ID: **011 Angell Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	120	ug/L	20	1300	EPA 200.8 rev5.4	17:39	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:39	03/16/2021

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Sample Date/Time: 03/13/2021 09:58
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

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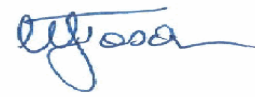
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03721** Project Number: **CI0136/*130**
 Sample ID: **012 Angell Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	240	ug/L	20	1300	EPA 200.8 rev5.4	17:41	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:41	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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Sample Date/Time: 03/13/2021 08:38
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

Nova Environmental
 5300 Plymouth Rd.
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BA Project # **73564**
 BA Sample ID **CO03722**

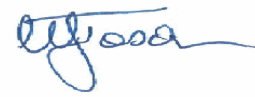
Project Name: **Berkley School District**
 Project Number: **CI0136/*130**
 Sample ID: **013 Burton Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	290	ug/L	20	1300	EPA 200.8 rev5.4	17:43	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:43	03/16/2021

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MCL = Maximum contaminant Levels.

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Sample Date/Time: 03/13/2021 08:44
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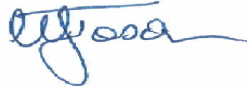
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BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03723** Project Number: **CI0136/*130**
 Sample ID: **014 Burton Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	700	ug/L	20	1300	EPA 200.8 rev5.4	17:46	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:46	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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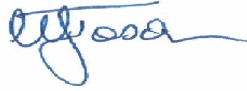
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BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03724** Project Number: **CI0136/*130**
 Sample ID: **015 Burton Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	380	ug/L	20	1300	EPA 200.8 rev5.4	17:55	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:55	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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Sample Date/Time: 03/13/2021 08:43
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 Report Date: 03/17/2021

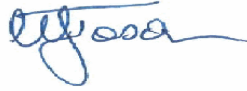
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BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03725** Project Number: **CI0136/*130**
 Sample ID: **016 Burton Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	170	ug/L	20	1300	EPA 200.8 rev5.4	17:57	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	17:57	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
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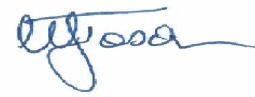
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BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03726** Project Number: **CI0136/*130**
 Sample ID: **017 Burton Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	200	ug/L	20	1300	EPA 200.8 rev5.4	18:00	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:00	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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 Report Date: 03/17/2021

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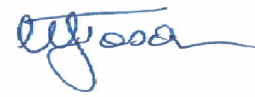
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03727** Project Number: **CI0136/*130**
 Sample ID: **018 Burton Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	300	ug/L	20	1300	EPA 200.8 rev5.4	18:07	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:07	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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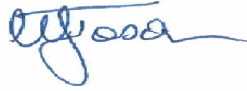
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 BA Sample ID **CO03728** Project Number: **CI0136/*130**
 Sample ID: **019 Pattengill Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	430	ug/L	20	1300	EPA 200.8 rev5.4	18:09	03/16/2021
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	18:09	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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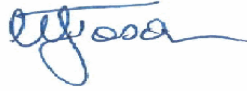
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03729** Project Number: **CI0136/*130**
 Sample ID: **020 Pattengill Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	210	ug/L	20	1300	EPA 200.8 rev5.4	18:11	03/16/2021
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	18:11	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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 Report Date: 03/17/2021

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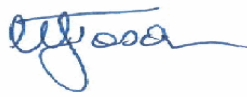
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03730** Project Number: **CI0136/*130**
 Sample ID: **021 Pattengill Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	180	ug/L	20	1300	EPA 200.8 rev5.4	18:14	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:14	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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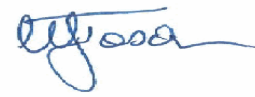
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 BA Sample ID **CO03731** Project Number: **CI0136/*130**
 Sample ID: **022 Pattengill Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	240	ug/L	20	1300	EPA 200.8 rev5.4	18:16	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:16	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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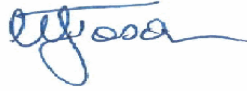
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BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03732** Project Number: **CI0136/*130**
 Sample ID: **023 Pattengill Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	60	ug/L	20	1300	EPA 200.8 rev5.4	18:18	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:18	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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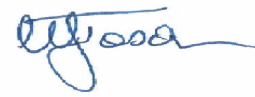
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 BA Sample ID **CO03733** Project Number: **CI0136/*130**
 Sample ID: **024 Pattengill Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	240	ug/L	20	1300	EPA 200.8 rev5.4	18:21	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:21	03/16/2021

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BA Project # **73564**
 BA Sample ID **CO03734**

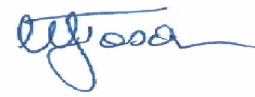
Project Name: **Berkley School District**
 Project Number: **CI0136/*130**
 Sample ID: **025 Rogers Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	170	ug/L	20	1300	EPA 200.8 rev5.4	18:37	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:37	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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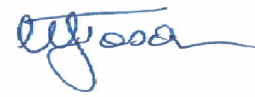
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 BA Sample ID **CO03735** Project Number: **CI0136/*130**
 Sample ID: **026 Rogers Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	250	ug/L	20	1300	EPA 200.8 rev5.4	18:44	03/16/2021
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	18:44	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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BA Project # **73564**
 BA Sample ID **CO03736**

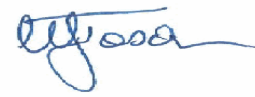
Project Name: **Berkley School District**
 Project Number: **CI0136/*130**
 Sample ID: **027 Rogers Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	290	ug/L	20	1300	EPA 200.8 rev5.4	18:47	03/16/2021
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	18:47	03/16/2021

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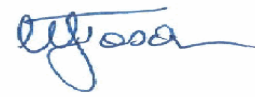
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 BA Sample ID **CO03737** Project Number: **CI0136/*130**
 Sample ID: **028 Rogers Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	200	ug/L	20	1300	EPA 200.8 rev5.4	18:49	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:49	03/16/2021

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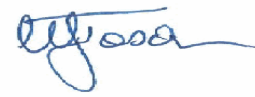
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BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03738** Project Number: **CI0136/*130**
 Sample ID: **029 Rogers Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	210	ug/L	20	1300	EPA 200.8 rev5.4	18:51	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:51	03/16/2021

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BA Project # **73564**
 BA Sample ID **CO03739**

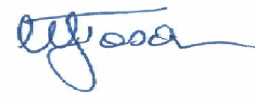
Project Name: **Berkley School District**
 Project Number: **CI0136/*130**
 Sample ID: **030 Rogers Elem**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	180	ug/L	20	1300	EPA 200.8 rev5.4	18:54	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:54	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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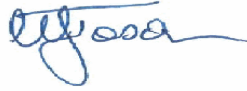
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03740** Project Number: **CI0136/*130**
 Sample ID: **031 Norup Int.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	210	ug/L	20	1300	EPA 200.8 rev5.4	18:56	03/16/2021
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	18:56	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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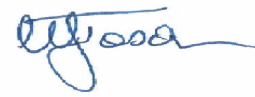
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03741** Project Number: **CI0136/*130**
 Sample ID: **032 Norup Int.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	260	ug/L	20	1300	EPA 200.8 rev5.4	18:58	03/16/2021
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	18:58	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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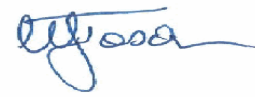
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03742** Project Number: **CI0136/*130**
 Sample ID: **033 Norup Int.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	310	ug/L	20	1300	EPA 200.8 rev5.4	19:01	03/16/2021
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	19:01	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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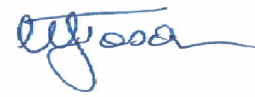
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03743** Project Number: **CI0136/*130**
 Sample ID: **034 Norup Int.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	750	ug/L	20	1300	EPA 200.8 rev5.4	19:03	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:03	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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BA Project # **73564**
 BA Sample ID **CO03744**

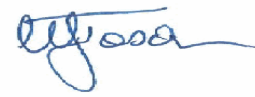
Project Name: **Berkley School District**
 Project Number: **CI0136/*130**
 Sample ID: **035 Norup Int.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	310	ug/L	20	1300	EPA 200.8 rev5.4	19:17	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:17	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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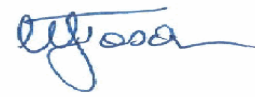
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03745** Project Number: **CI0136/*130**
 Sample ID: **036 Norup Int.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	740	ug/L	20	1300	EPA 200.8 rev5.4	19:20	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:20	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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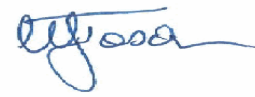
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03746** Project Number: **CI0136/*130**
 Sample ID: **037 Anderson M.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	550	ug/L	20	1300	EPA 200.8 rev5.4	19:22	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:22	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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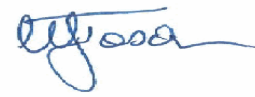
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03747** Project Number: **CI0136/*130**
 Sample ID: **038 Anderson M.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	900	ug/L	20	1300	EPA 200.8 rev5.4	19:24	03/16/2021
Total Lead (Drinking Water)	6	ug/L	1	15	EPA 200.8 rev5.4	19:24	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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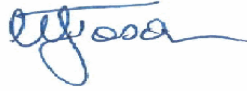
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BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03748** Project Number: **CI0136/*130**
 Sample ID: **039 Anderson M.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	2700	ug/L	20	1300	EPA 200.8 rev5.4	19:27	03/16/2021
Total Lead (Drinking Water)	11	ug/L	1	15	EPA 200.8 rev5.4	19:27	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
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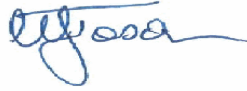
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03749** Project Number: **CI0136/*130**
 Sample ID: **040 Anderson M.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	370	ug/L	20	1300	EPA 200.8 rev5.4	19:29	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:29	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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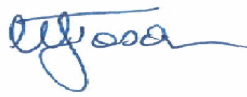
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03750** Project Number: **CI0136/*130**
 Sample ID: **041 Anderson M.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	220	ug/L	20	1300	EPA 200.8 rev5.4	19:31	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:31	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

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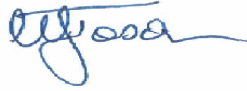
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BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03751** Project Number: **CI0136/*130**
 Sample ID: **042 Anderson M.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	490	ug/L	20	1300	EPA 200.8 rev5.4	19:34	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:34	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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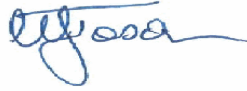
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BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03752** Project Number: **CI0136/*130**
 Sample ID: **043 Berkley H.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	480	ug/L	20	1300	EPA 200.8 rev5.4	19:36	03/16/2021
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	19:36	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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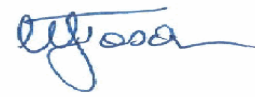
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03753** Project Number: **CI0136/*130**
 Sample ID: **044 Berkley H.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	530	ug/L	20	1300	EPA 200.8 rev5.4	19:38	03/16/2021
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	19:38	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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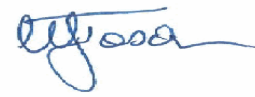
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03754** Project Number: **CI0136/*130**
 Sample ID: **045 Berkley H.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	19:58	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:58	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

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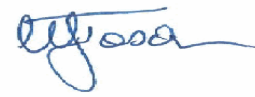
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03755** Project Number: **CI0136/*130**
 Sample ID: **046 Berkley H.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	440	ug/L	20	1300	EPA 200.8 rev5.4	20:01	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	20:01	03/16/2021

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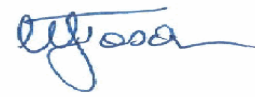
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03756** Project Number: **CI0136/*130**
 Sample ID: **047 Berkley H.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	240	ug/L	20	1300	EPA 200.8 rev5.4	20:03	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	20:03	03/16/2021

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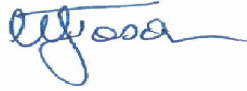
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BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03757** Project Number: **CI0136/*130**
 Sample ID: **048 Berkley H.S.**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	370	ug/L	20	1300	EPA 200.8 rev5.4	20:06	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	20:06	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
 Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 
 Date 3/17/2021



Brighton Analytical LLC
 2105 Pless Drive
 Brighton, Michigan 48114
 Phone: (810)229-7575 (810)229-8650
 e-mail: bai-brighton@sbcglobal.net
 EGLE Certified #9404
 NELAC Accredited #176507

Sample Date/Time: 03/13/2021 08:21
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

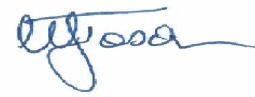
Nova Environmental
 5300 Plymouth Rd.
 Ann Arbor, MI 48105

BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03758** Project Number: **CI0136/*130**
 Sample ID: **049 Tyndall Center**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	390	ug/L	20	1300	EPA 200.8 rev5.4	20:08	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	20:08	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
 Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

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 NELAC Accredited #176507

Sample Date/Time: 03/13/2021 08:24
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

Nova Environmental
 5300 Plymouth Rd.
 Ann Arbor, MI 48105

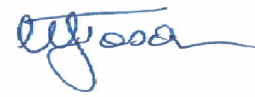
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03759** Project Number: **CI0136/*130**
 Sample ID: **050 Tyndall Center**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	100	ug/L	20	1300	EPA 200.8 rev5.4	20:10	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	20:10	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

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Sample Date/Time: 03/13/2021 08:26
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

Nova Environmental
 5300 Plymouth Rd.
 Ann Arbor, MI 48105

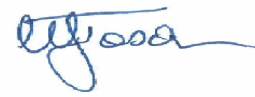
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03760** Project Number: **CI0136/*130**
 Sample ID: **051 Tyndall Center**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	330	ug/L	20	1300	EPA 200.8 rev5.4	20:13	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	20:13	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

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Sample Date/Time: 03/13/2021 08:28
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

Nova Environmental
 5300 Plymouth Rd.
 Ann Arbor, MI 48105

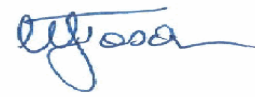
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03761** Project Number: **CI0136/*130**
 Sample ID: **052 Tyndall Center**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	610	ug/L	20	1300	EPA 200.8 rev5.4	20:15	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	20:15	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

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 e-mail: bai-brighton@sbcglobal.net
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 NELAC Accredited #176507

Sample Date/Time: 03/13/2021 08:23
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

Nova Environmental
 5300 Plymouth Rd.
 Ann Arbor, MI 48105

BA Project # **73564**
 BA Sample ID **CO03762**

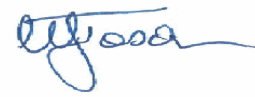
Project Name: **Berkley School District**
 Project Number: **CI0136/*130**
 Sample ID: **053 Tyndall Center**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	370	ug/L	20	1300	EPA 200.8 rev5.4	20:17	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	20:17	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

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 e-mail: bai-brighton@sbcglobal.net
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 NELAC Accredited #176507

Sample Date/Time: 03/13/2021 08:25
 Submit Date/Time: 03/15/2021 13:30
 Report Date: 03/17/2021

Nova Environmental
 5300 Plymouth Rd.
 Ann Arbor, MI 48105

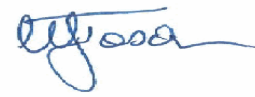
BA Project # **73564** Project Name: **Berkley School District**
 BA Sample ID **CO03763** Project Number: **CI0136/*130**
 Sample ID: **054 Tyndall Center**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	280	ug/L	20	1300	EPA 200.8 rev5.4	20:24	03/16/2021
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	20:24	03/16/2021

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 
 Date 3/17/2021



Brighton Analytical, L.L.C.™
 email: bai-brighton@sbcglobal.net
 2105 Pless Drive
 Brighton, MI 48114
 Phone: 810-229-7575
 FAX: 810-229-8650

PROJECT NAME: Berkley School District
 PROJECT #: C10136/*130
 PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

BA PROJECT #: 73561
 ABBREVIATIONS FOR MATRIX
 S = Solid
 L = Liquid
 DW = Drinking H₂O
 O = Oil
 P = Wipes
 A = Air (Tedlar Bag)
 F = Filter
 T = Tube M = Misc.

Sample Collected By: Felicia Fields

REQUESTED TURNAROUND: (circle one)
 Rush: 1-3 business days (verify with lab & specify date needed)
 1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
 Standard: 5 business days

Brighton ID#	Sample Description	Date	Time	IF RUSH, approved by:	Container/Quantity									
					VOA'S (PRES) Y N NA	HDPE UNPRESERVED	HDPE HNO ₃	HDPE H ₂ SO ₄	HDPE NAOH	AMBER Preserved?	GLASS NO PRESERVATIVE	STERILIZED BACTERIA	MICH Preserv Y N	
1) 031	Novop Int.	3/13/21	8:10 AM			X	X							
2) 032			8:07		X	X	X							
3) 033			8:09		X	X	X							
4) 034			8:08		X	X	X							
5) 035			8:10		X	X	X							
6) 036			8:15		X	X	X							
7) 037	Anderson M.S.		10:17		X	X	X							
8) 038			10:14		X	X	X							
9) 039			10:15		X	X	X							
10) 040			10:11		X	X	X							

Special Instructions:

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Analysis Requested/Method		PAGE OF COMPANY/MAILING ADDRESS:
Sample Matrix		
LEAD / COPPER		
DW	3740	
DW	41	
DW	42	
DW	43	
DW	44	
DW	45	
DW	46	
DW	47	
DW	48	
DW	49	
BILLING ADDRESS (IF REQUIRED): Nova Environemtnal, Inc 5300 Plymouth Rd. Ann Arbor, MI 48105		
Drinking H ₂ O: FAX TO LCHD yes no		
Chlorinated Water Supply? AMT: yes no		
MCL failure: yes no		
Client notified (date/time/initials):		

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1	April Bennett		3/15/21	1:34pm	3				
2					4				



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 3/16/2021 Standard ID: 030421 H2O Batch: 3/16/2021 B1
 Matrix Spike Lab ID: CO03703 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1412	1398	1.0	1000	101.0	99.6	402	<20	93.8	98.5
Lead	1036	1029	0.7	1000	103.6	102.9	0	<1	100.8	96.6

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 20% recovery

*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

ICP-MS

METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 3/16/2021 Standard ID: 030421 H2O Batch: 3/16/2021 B2
 Matrix Spike Lab ID: CO03723 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1662	1677	0.9	1000	96.4	97.9	698	<20	97.7	98.5
Lead	992	1013	2.1	1000	99.2	101.3	0	<1	101.8	96.6

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 20% recovery

*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

ICP-MS

METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 3/16/2021 Standard ID: 030421 H2O Batch: 3/16/2021 B3
 Matrix Spike Lab ID: CO03743 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1753	1753	0.0	1000	100.6	100.6	747	<20	98.3	98.5
Lead	1025	1015	1.0	1000	102.5	101.5	0	<1	101.5	96.6

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 20% recovery

*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

ICP-MS

METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 3/16/2021 Standard ID: 030421 H2O Batch: 3/16/2021 B4
 Matrix Spike Lab ID: CO03763 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1281	1274	0.5	1000	100.3	99.6	278	<20	101.6	98.5
Lead	1028	1027	0.1	1000	102.8	102.7	0	<1	103.6	96.6

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 20% recovery

*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____