



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18K1202

Tidewater

Project Name: New Market ES

Meneka Rodrigo
6625 Selnick Drive, Suite A
Elkridge, MD 21075

Project / PO Number: N/A
Received: 11/27/2018
Reported: 12/14/2018

Analytical Testing Parameters

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (W01A-05 1061 (DF), Drinking Water, 18K1202-01, etc.)

Table header: Metals, Total by EPA 200 Series Methods. Columns: Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst

Table row: Method: EPA 200.2/EPA 200.8. Lead. Result: <1.0, Limit(s): 20.0, RL: 1.0, Units: ppb, Prepared: 12/13/18 1131, Analyzed: 12/13/18 1727, Analyst: GHW

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (W01A-06 1061 (DF), Drinking Water, 18K1202-02, etc.)

Table header: Metals, Total by EPA 200 Series Methods. Columns: Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst

Table row: Method: EPA 200.2/EPA 200.8. Lead. Result: <1.0, Limit(s): 20.0, RL: 1.0, Units: ppb, Prepared: 12/13/18 1131, Analyzed: 12/13/18 1728, Analyst: GHW

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (W01A-03 1061 (DF), Drinking Water, 18K1202-03, etc.)

Table header: Metals, Total by EPA 200 Series Methods. Columns: Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst

Table row: Method: EPA 200.2/EPA 200.8. Lead. Result: <1.0, Limit(s): 20.0, RL: 1.0, Units: ppb, Prepared: 12/13/18 1131, Analyzed: 12/13/18 1729, Analyst: GHW

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (W01A-07 1061 (DF), Drinking Water, 18K1202-04, etc.)

Table header: Metals, Total by EPA 200 Series Methods. Columns: Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst

Table row: Method: EPA 200.2/EPA 200.8. Lead. Result: <1.0, Limit(s): 20.0, RL: 1.0, Units: ppb, Prepared: 12/13/18 1131, Analyzed: 12/13/18 1730, Analyst: GHW



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<b>Client Sample ID:</b> W01A-08 1061 (DF)	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 5:14
<b>Lab Sample ID:</b> 18K1202-05	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1731	GHW

<b>Client Sample ID:</b> W01A-02 1061 (DF) Left	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:26
<b>Lab Sample ID:</b> 18K1202-06	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1732	GHW

<b>Client Sample ID:</b> K31-03 1061 (KS) Left	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:17
<b>Lab Sample ID:</b> 18K1202-07	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	24.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1736	GHW

<b>Client Sample ID:</b> K31-03 1061 (KS) Right	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:18
<b>Lab Sample ID:</b> 18K1202-08	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	10.4	20.0	1.0	ppb		12/13/18 1131	12/13/18 1738	GHW



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<b>Client Sample ID:</b> W01A-04 1061 (DF)	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 5:01
<b>Lab Sample ID:</b> 18K1202-09	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1741	GHW

<b>Client Sample ID:</b> K17-01 1061 (IM)	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:12
<b>Lab Sample ID:</b> 18K1202-10	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1744	GHW

<b>Client Sample ID:</b> K31-05 1061 (KS)	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:14
<b>Lab Sample ID:</b> 18K1202-11	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	14.2	20.0	1.0	ppb		12/13/18 1131	12/13/18 1745	GHW

<b>Client Sample ID:</b> W01A-01 1061 (DF) Left	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:44
<b>Lab Sample ID:</b> 18K1202-12	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1746	GHW



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<b>Client Sample ID:</b> S23-050 1061 (NO)	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:54
<b>Lab Sample ID:</b> 18K1202-13	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1750	GHW

<b>Client Sample ID:</b> W01A-09 1061 (DF)	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 5:19
<b>Lab Sample ID:</b> 18K1202-14	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	3.4	20.0	1.0	ppb		12/13/18 1131	12/13/18 1751	GHW

<b>Client Sample ID:</b> S23-048 1061 (TL)	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:30
<b>Lab Sample ID:</b> 18K1202-15	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	2.9	20.0	1.0	ppb		12/13/18 1131	12/13/18 1752	GHW

<b>Client Sample ID:</b> K31-04 1061 (KS)	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:22
<b>Lab Sample ID:</b> 18K1202-16	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	2.4	20.0	1.0	ppb		12/13/18 1131	12/13/18 1753	GHW



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<b>Client Sample ID:</b> W01A-02 1061 (DF) Right	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:27
<b>Lab Sample ID:</b> 18K1202-17	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1754	GHW

<b>Client Sample ID:</b> W01A-01 1061 (OT)	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:39
<b>Lab Sample ID:</b> 18K1202-18	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1756	GHW

<b>Client Sample ID:</b> W01A-01 1061 (DF) Right	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:45
<b>Lab Sample ID:</b> 18K1202-19	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1757	GHW

<b>Client Sample ID:</b> W01A-03 1061 (DF) Right	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:50
<b>Lab Sample ID:</b> 18K1202-20	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1800	GHW



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<b>Client Sample ID:</b> 357-01 1061 (IM)	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 4:57
<b>Lab Sample ID:</b> 18K1202-21	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1804	GHW

<b>Client Sample ID:</b> W01A-04 1061 (DF) Right	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 5:02
<b>Lab Sample ID:</b> 18K1202-22	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1805	GHW

<b>Client Sample ID:</b> W01A-05 1061 (DF) Right	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 5:07
<b>Lab Sample ID:</b> 18K1202-23	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1806	GHW

<b>Client Sample ID:</b> W01A-08 1061 (DF) Right	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 5:15
<b>Lab Sample ID:</b> 18K1202-24	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	1.1	20.0	1.0	ppb		12/13/18 1131	12/13/18 1807	GHW



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<b>Client Sample ID:</b> W01A-07 1061 (DF) Right	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 5:23
<b>Lab Sample ID:</b> 18K1202-25	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1808	GHW

<b>Client Sample ID:</b> W01A-06 1061 (DF) Right	<b>Collected By:</b> Walter Gonzalez
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 11/27/2018 5:27
<b>Lab Sample ID:</b> 18K1202-26	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.2/EPA 200.8</b>								
Lead	<1.0	20.0	1.0	ppb		12/13/18 1131	12/13/18 1809	GHW

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

RL: Reporting Limit

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 12.1°C

Cooler Inspection Checklist

Ice Present or not required?	Yes	Shipping containers sealed or not required?	Yes
Custody seals intact or not required?	Yes	Chain of Custody (COC) Present?	Yes
COC includes customer information?	Yes	Relinquished and received signature on COC?	Yes
Sample collector identified on COC?	Yes	Sample type identified on COC?	Yes
Correct containers listed on COC?	Yes	Correct number of containers listed on COC?	Yes
Containers Intact?	No	COC includes requested analyses?	No
Enough sample volume for indicated tests received?	No	Sample labels match COC (Name, Date & Time?)	No
Samples arrived within hold time?	No	Correct preservatives on COC or not required?	No
Chemical preservations checked or not required?	No	Preservation checks meet method requirements?	No
VOA vials have zero headspace, or not recd.?	No	Trip Blank(s) Present or not required?	No

Project Requested Certification(s)

Microbac Laboratories, Inc. - Baltimore  
109

State of Maryland (Drinking Water)



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**Report Comments**

*Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.*

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.*

**Reviewed and Approved By:**

A handwritten signature in black ink, appearing to read "Caliesha A. Scott".

Caliesha A. Scott

Project Manager

Reported: 12/14/2018 11:15





18K1202



### Multiple Sample COC

Site: **New Market Elementary: 93 West Main Street, Office Ph.: New Market, MD 21774**

Date Sampled: **Tuesday, November 27, 2018**

Row	Area Number/Room/Space	From Item Description	Sample Name:	Date/Time Sampled (ex: 03/01/2018 13:28)	Sampler's Name
✓1	100 Hallway	Drinking Fountain, Refrigerated	✓ W01A-05 1061 (DF)	Tuesday, November 27, 2018 5-06	Walter Gonzales
✓2	200 Hallway	Drinking Fountain, Refrigerated	✓ W01A-06 1061 (DF)	Tuesday, November 27, 2018 5-21	Walter Gonzales
✓3	By Elevator Room	Drinking Fountain, Refrigerated	✓ W01A-03 1061 (DF)	Tuesday, November 27, 2018 4-49	Walter Gonzales
✓4	By RM 402	Drinking Fountain, Refrigerated	✓ W01A-07 1061 (DF)	Tuesday, November 27, 2018 5-22	Walter Gonzales
✓5	By RM 424	Drinking Fountain, Refrigerated	✓ W01A-08 1061 (DF)	Tuesday, November 27, 2018 5-14	Walter Gonzales
✓6	Cafeteria	Drinking Fountain, Refrigerated	✓ W01A-02 1061 (DF) LEFT	Tuesday, November 27, 2018 4-26	Walter Gonzales
✓7	Dish Room	Sink, Kitchen	✓ K31-03 1061 (KS) Left	Tuesday, November 27, 2018 4-17	Walter Gonzales
✓8	Dish Room	Sink, Kitchen	✓ K31-03 1061 (KS) Right	Tuesday, November 27, 2018 4-18	Walter Gonzales
✓9	Gym	Drinking Fountain, Refrigerated	✓ W01A-04 1061 (DF) LEFT	Tuesday, November 27, 2018 5-01	Walter Gonzales
✓10	Kitchen	Ice Machine	✓ K17-01 1061 (IM)	Tuesday, November 27, 2018 4-12	Walter Gonzales
✓11	Kitchen	Sink, Kitchen	✓ K31-05 1061 (KS)	Tuesday, November 27, 2018 4-14	Walter Gonzales
✓12	Kitchen Hallway	Drinking Fountain, Refrigerated	✓ W01A-01 1061 (DF) LEFT	Tuesday, November 27, 2018 4-44	Walter Gonzales
✓13	RM 357	Non-Kitchen lavatory/Sink	✓ S23-050 1061 (NO)	Tuesday, November 27, 2018 4-54	Walter Gonzales
✓14	RM 406 (408)	Drinking Fountain, Refrigerated	✓ W01A-09 1061 (DF)	Tuesday, November 27, 2018 5-19	Walter Gonzales
✓15	Staff Lounge	Non-Kitchen lavatory/Sink	✓ S23-048 1061 (TL)	Tuesday, November 27, 2018 4-30	Walter Gonzales
16	DISH ROOM	DISH WASHER SINK	-K31-04 1061 (KS)	" " " 4-22	" "
17	CAFETERIA	DRINKING FOUNTAIN (REF)	W01A-02-1061 (DF) RIGHT	" " " 4-27	" "
18	STAFF LOUNGE	DRINKING W/DISPENSER	W01A-01-1061 (OT)	" " " 4-39	" "
19	KITCHEN HALLWAY	DRINKING FOUNTAIN	W01A-01-1061 (DF) RIGHT	" " " 4-45	" "
20	BY ELEVATOR RM	DRINKING FOUNTAIN	W01A-03-1061 (DF) RIGHT	" " " 4-52	" "

Samples Relinquished By: *[Signature]*

Samples Received By: *[Signature]*

Temp: \_\_\_\_\_

