

October 11, 2016

BCK-IBI - Binghamton NY
41 Chenango St # 201
Binghamton, NY 1901

Work Order No.: 1611666

Re: Ann G McGuinness Elementary

Dear Dean Jordan:

Microbac Laboratories, Inc. - Chicagoland Division received 82 sample(s) on 9/27/2016 9:40:18AM for the analyses presented in the following report as Work Order 1611666.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please contact your project manager. For any feedback, please contact Robert Crookston, Managing Director, at robert.crookston@microbac.com.

Sincerely,
Microbac Laboratories, Inc.



Karen Ziolkowski
Senior Project Manager



WORK ORDER SAMPLE SUMMARY

Date: Tuesday, October 11, 2016

Client: BCK-IBI - Binghamton NY
Project: Ann G McGuinness Elementary
Lab Order: 16I1666

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
16I1666-01	AM 101B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:35PM
16I1666-02	AM 101S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:35PM
16I1666-03	AM 102B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:35PM
16I1666-04	AM 102S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:35PM
16I1666-05	AM 103B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:35PM
16I1666-06	AM 103S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:35PM
16I1666-07	AM 104B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:35PM
16I1666-08	AM 104S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:35PM
16I1666-09	AM 105B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:35PM
16I1666-10	AM 105S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-11	AM 106B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-12	AM 106S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-13	AM 107B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-14	AM 107S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-15	AM 108B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-16	AM 108S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-17	AM 109B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-18	AM 109S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-19	AM 110S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-20	AM 111S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-21	AM 112S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-22	AM 113S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-23	AM 114S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-24	AM 115B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-25	AM 115S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-26	AM 116B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-27	AM 116S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-28	AM 117S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-29	AM 118B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-30	AM 118S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-31	AM 119B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-32	AM 119S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-33	AM 120B	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:36PM
16I1666-34	AM 120S	CLASSROOM	09/22/2016 00:00	9/28/2016 3:43:37PM
16I1666-35	AM 121B	MUSIC	09/22/2016 00:00	9/28/2016 3:43:37PM
16I1666-36	AM 121S	MUSIC	09/22/2016 00:00	9/28/2016 3:43:37PM
16I1666-37	AM 122SA	KITCHEN	09/22/2016 00:00	9/28/2016 3:43:37PM
16I1666-38	AM 122SB	KITCHEN	09/22/2016 00:00	9/28/2016 3:43:37PM
16I1666-39	AM 122SC	KITCHEN	09/22/2016 00:00	9/28/2016 3:43:37PM
16I1666-40	AM 122SD	KITCHEN	09/22/2016 00:00	9/28/2016 3:43:37PM
16I1666-41	AM 122SE	KITCHEN	09/22/2016 00:00	9/28/2016 3:43:37PM

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**WORK ORDER SAMPLE SUMMARY****Date:***Tuesday, October 11, 2016*

1611666-42	AM 122SF	KITCHEN	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-43	AM 124.4S	KITCHEN OFFICE	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-44	AM 125DF	LOCKER ROOM	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-45	AM 125.5SB	LOCKER ROOM	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-46	AM 125.5SC	LOCKER ROOM	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-47	AM 125.6SS	LOCKER ROOM	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-48	AM 125.2S	LOCKER OFF. TOILET	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-49	AM 126.1S	LIBRARY OFFICE	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-50	AM 127DF	LOCKER ROOM	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-51	AM 127.2S	LOCKER OFF. TOILET	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-52	AM 128DF	CAFETERIA	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-53	AM 128WB	CAFETERIA	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-54	AM 129SA	FACULTY	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-55	AM 129SB	FACULTY	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-56	AM 130S	HEALTH OFFICE	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-57	AM 130.2S	TOILET	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-58	AM 131SS	CUSTODIAN'S OFFICE	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-59	AM 131.1S	CUSTODIAN'S OFFICE	09/22/2016 00:00	9/28/2016	3:43:37PM
1611666-60	AM 133.1SA	BOYS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-61	AM 133.1SB	BOYS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-62	AM 133.2SS	J/C	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-63	AM 133.3SA	GIRLS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-64	AM 133.3SB	GIRLS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-65	AM 136.2SA	BOYS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-66	AM 136.3SA	GIRLS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-67	AM 137.2SA	BOYS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-68	AM 137.2SB	BOYS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-69	AM 137.3SA	GIRLS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-70	AM 137.3SB	GIRLS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-71	AM 139.2SA	BOYS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-72	AM 139.2SB	BOYS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-73	AM 139.3SS	J/C	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-74	AM 139.4S	GIRLS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-75	AM 142DF	CORRIDOR	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-76	AM 142.2SB	BOYS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-77	AM 142.4SA	GIRLS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-78	AM 142.4SB	GIRLS ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-79	AM 200DF	MAIN OFFICE	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-80	AM 200.1S	COPIER ROOM	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-81	AM 200.3S	TOILET	09/22/2016 00:00	9/28/2016	3:43:38PM
1611666-82	AM 201.2S	TOILET	09/22/2016 00:00	9/28/2016	3:43:38PM

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Analytical Results

Date: *Tuesday, October 11, 2016*

Client: BCK-IBI - Binghamton NY **Work Order:** 1611666
Client Project: Ann G McGuinness Elementary **Received:** 09/28/2016 15:43

Analyses	Certs	Result	Units	Qual	Analyzed	Tech	Method
							<i>Collected: 09/22/2016 00:00</i>
01 AM 101B - CLASSROOM							
Lead	gdmnoi	1.3	ug/L		10/05/2016 14:33	RPL	EPA 200.8 Rev 5.4
							<i>Collected: 09/22/2016 00:00</i>
02 AM 101S - CLASSROOM							
Lead	gdmnoi	< 1.0	ug/L		10/05/2016 14:34	RPL	EPA 200.8 Rev 5.4
							<i>Collected: 09/22/2016 00:00</i>
03 AM 102B - CLASSROOM							
Lead	gdmnoi	1.3	ug/L		10/05/2016 14:35	RPL	EPA 200.8 Rev 5.4
							<i>Collected: 09/22/2016 00:00</i>
04 AM 102S - CLASSROOM							
Lead	gdmnoi	1.2	ug/L		10/05/2016 14:36	RPL	EPA 200.8 Rev 5.4
							<i>Collected: 09/22/2016 00:00</i>
05 AM 103B - CLASSROOM							
Lead	gdmnoi	1.4	ug/L		10/05/2016 14:37	RPL	EPA 200.8 Rev 5.4
							<i>Collected: 09/22/2016 00:00</i>
06 AM 103S - CLASSROOM							
Lead	gdmnoi	1.1	ug/L		10/05/2016 14:40	RPL	EPA 200.8 Rev 5.4
							<i>Collected: 09/22/2016 00:00</i>
07 AM 104B - CLASSROOM							
Lead	gdmnoi	1.0	ug/L		10/05/2016 14:41	RPL	EPA 200.8 Rev 5.4
							<i>Collected: 09/22/2016 00:00</i>
08 AM 104S - CLASSROOM							
Lead	gdmnoi	1.8	ug/L		10/05/2016 14:44	RPL	EPA 200.8 Rev 5.4
							<i>Collected: 09/22/2016 00:00</i>
09 AM 105B - CLASSROOM							
Lead	gdmnoi	1.9	ug/L		10/05/2016 14:45	RPL	EPA 200.8 Rev 5.4
							<i>Collected: 09/22/2016 00:00</i>
10 AM 105S - CLASSROOM							
Lead	gdmnoi	1.5	ug/L		10/05/2016 14:46	RPL	EPA 200.8 Rev 5.4

Analytical Results

Date: *Tuesday, October 11, 2016*

11	AM 106B - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.5	ug/L	10/05/2016 14:46	RPL	EPA 200.8 Rev 5.4	
12	AM 106S - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.2	ug/L	10/05/2016 14:47	RPL	EPA 200.8 Rev 5.4	
13	AM 107B - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.7	ug/L	10/05/2016 14:48	RPL	EPA 200.8 Rev 5.4	
14	AM 107S - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	3.0	ug/L	10/05/2016 14:49	RPL	EPA 200.8 Rev 5.4	
15	AM 108B - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	1.8	ug/L	10/05/2016 14:50	RPL	EPA 200.8 Rev 5.4	
16	AM 108S - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	4.7	ug/L	10/05/2016 14:55	RPL	EPA 200.8 Rev 5.4	
17	AM 109B - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	< 1.0	ug/L	10/05/2016 14:56	RPL	EPA 200.8 Rev 5.4	
18	AM 109S - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	1.9	ug/L	10/05/2016 14:57	RPL	EPA 200.8 Rev 5.4	
19	AM 110S - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.4	ug/L	10/05/2016 14:58	RPL	EPA 200.8 Rev 5.4	
20	AM 111S - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	1.6	ug/L	10/05/2016 14:59	RPL	EPA 200.8 Rev 5.4	
21	AM 112S - CLASSROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	1.6	ug/L	10/05/2016 15:00	RPL	EPA 200.8 Rev 5.4	

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Analytical Results

Date: Tuesday, October 11, 2016

22	AM 113S - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	1.5	ug/L	10/05/2016	15:00	RPL	EPA 200.8 Rev 5.4	
23	AM 114S - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	1.4	ug/L	10/05/2016	15:01	RPL	EPA 200.8 Rev 5.4	
24	AM 115B - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	2.5	ug/L	10/05/2016	15:02	RPL	EPA 200.8 Rev 5.4	
25	AM 115S - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	2.1	ug/L	10/05/2016	15:03	RPL	EPA 200.8 Rev 5.4	
26	AM 116B - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	< 1.0	ug/L	10/05/2016	15:08	RPL	EPA 200.8 Rev 5.4	
27	AM 116S - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	1.9	ug/L	10/05/2016	15:09	RPL	EPA 200.8 Rev 5.4	
28	AM 117S - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	110	ug/L	E	10/05/2016	15:10	RPL	EPA 200.8 Rev 5.4
29	AM 118B - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	1.4	ug/L	10/05/2016	15:11	RPL	EPA 200.8 Rev 5.4	
30	AM 118S - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	1.7	ug/L	10/05/2016	15:12	RPL	EPA 200.8 Rev 5.4	
31	AM 119B - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	< 1.0	ug/L	10/05/2016	15:13	RPL	EPA 200.8 Rev 5.4	
32	AM 119S - CLASSROOM							Collected: 09/22/2016 00:00
Lead	gdmnoi	1.6	ug/L	10/05/2016	15:13	RPL	EPA 200.8 Rev 5.4	

Analytical Results

Date: Tuesday, October 11, 2016

33 AM 120B - CLASSROOM Collected: 09/22/2016 00:00

Lead gdmnoi **< 1.0** ug/L 10/05/2016 15:14 RPL EPA 200.8 Rev 5.4

34 AM 120S - CLASSROOM Collected: 09/22/2016 00:00

Lead gdmnoi **1.3** ug/L 10/05/2016 15:17 RPL EPA 200.8 Rev 5.4

35 AM 121B - MUSIC Collected: 09/22/2016 00:00

Lead gdmnoi **3.9** ug/L 10/05/2016 15:18 RPL EPA 200.8 Rev 5.4

36 AM 121S - MUSIC Collected: 09/22/2016 00:00

Lead dgimno **47** ug/L 10/06/2016 18:21 SJE EPA 200.8 Rev 5.4

37 AM 122SA - KITCHEN Collected: 09/22/2016 00:00

Lead gdmnoi **7.7** ug/L 10/05/2016 15:23 RPL EPA 200.8 Rev 5.4

38 AM 122SB - KITCHEN Collected: 09/22/2016 00:00

Lead gdmnoi **3.8** ug/L 10/05/2016 15:24 RPL EPA 200.8 Rev 5.4

39 AM 122SC - KITCHEN Collected: 09/22/2016 00:00

Lead gdmnoi **4.5** ug/L 10/05/2016 15:25 RPL EPA 200.8 Rev 5.4

40 AM 122SD - KITCHEN Collected: 09/22/2016 00:00

Lead gdmnoi **6.3** ug/L 10/05/2016 15:26 RPL EPA 200.8 Rev 5.4

41 AM 122SE - KITCHEN Collected: 09/22/2016 00:00

Lead gdmnoi **13** ug/L 10/05/2016 15:27 RPL EPA 200.8 Rev 5.4

42 AM 122SF - KITCHEN Collected: 09/22/2016 00:00

Lead gdmnoi **2.0** ug/L 10/05/2016 15:28 RPL EPA 200.8 Rev 5.4

43 AM 124.4S - KITCHEN OFFICE Collected: 09/22/2016 00:00

Lead gdmnoi **9.7** ug/L 10/05/2016 15:37 RPL EPA 200.8 Rev 5.4

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Analytical Results

Date: Tuesday, October 11, 2016

44	AM 125DF - LOCKER ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	< 1.0	ug/L	10/05/2016 15:38	RPL	EPA 200.8 Rev 5.4	
45	AM 125.5SB - LOCKER ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.7	ug/L	10/05/2016 15:38	RPL	EPA 200.8 Rev 5.4	
46	AM 125.5SC - LOCKER ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	8.7	ug/L	10/05/2016 15:39	RPL	EPA 200.8 Rev 5.4	
47	AM 125.6SS - LOCKER ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	1800	ug/L	E 10/05/2016 15:40	RPL	EPA 200.8 Rev 5.4	
48	AM 125.2S - LOCKER OFF. TOILET						Collected: 09/22/2016 00:00
Lead	dgimno	290	ug/L	10/06/2016 18:25	SJE	EPA 200.8 Rev 5.4	
49	AM 126.1S - LIBRARY OFFICE						Collected: 09/22/2016 00:00
Lead	gdmnoi	10	ug/L	10/05/2016 15:42	RPL	EPA 200.8 Rev 5.4	
50	AM 127DF - LOCKER ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	8.9	ug/L	10/05/2016 15:43	RPL	EPA 200.8 Rev 5.4	
51	AM 127.2S - LOCKER OFF. TOILET						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.6	ug/L	10/05/2016 15:46	RPL	EPA 200.8 Rev 5.4	
52	AM 128DF - CAFETERIA						Collected: 09/22/2016 00:00
Lead	gdmnoi	< 1.0	ug/L	10/05/2016 15:49	RPL	EPA 200.8 Rev 5.4	
53	AM 128WB - CAFETERIA						Collected: 09/22/2016 00:00
Lead	gdmnoi	< 1.0	ug/L	10/05/2016 15:50	RPL	EPA 200.8 Rev 5.4	
54	AM 129SA - FACULTY						Collected: 09/22/2016 00:00
Lead	gdmnoi	1.8	ug/L	10/05/2016 15:51	RPL	EPA 200.8 Rev 5.4	

Analytical Results

Date: *Tuesday, October 11, 2016*

55 AM 129SB - FACULTY *Collected: 09/22/2016 00:00*

Lead **gdmnoi 1.9** ug/L 10/05/2016 15:52 RPL EPA 200.8 Rev 5.4

56 AM 130S - HEALTH OFFICE *Collected: 09/22/2016 00:00*

Lead **dgimno < 5.0** ug/L 10/06/2016 18:37 SJE EPA 200.8 Rev 5.4

57 AM 130.2S - TOILET *Collected: 09/22/2016 00:00*

Lead **gdmnoi 3.8** ug/L 10/05/2016 15:53 RPL EPA 200.8 Rev 5.4

58 AM 131SS - CUSTODIAN'S OFFICE *Collected: 09/22/2016 00:00*

Lead **gdmnoi 1.7** ug/L 10/05/2016 15:53 RPL EPA 200.8 Rev 5.4

59 AM 131.1S - CUSTODIAN'S OFFICE *Collected: 09/22/2016 00:00*

Lead **gdmnoi < 1.0** ug/L 10/05/2016 15:54 RPL EPA 200.8 Rev 5.4

60 AM 133.1SA - BOYS ROOM *Collected: 09/22/2016 00:00*

Lead **gdmnoi 23** ug/L 10/05/2016 15:55 RPL EPA 200.8 Rev 5.4

61 AM 133.1SB - BOYS ROOM *Collected: 09/22/2016 00:00*

Lead **gdmnoi 1.6** ug/L 10/06/2016 17:13 RPL EPA 200.8 Rev 5.4

62 AM 133.2SS - J/C *Collected: 09/22/2016 00:00*

Lead **gdmnoi 4.6** ug/L 10/06/2016 17:14 RPL EPA 200.8 Rev 5.4

63 AM 133.3SA - GIRLS ROOM *Collected: 09/22/2016 00:00*

Lead **gdmnoi 2.1** ug/L 10/06/2016 17:17 RPL EPA 200.8 Rev 5.4

64 AM 133.3SB - GIRLS ROOM *Collected: 09/22/2016 00:00*

Lead **gdmnoi 11** ug/L 10/06/2016 17:18 RPL EPA 200.8 Rev 5.4

65 AM 136.2SA - BOYS ROOM *Collected: 09/22/2016 00:00*

Lead **gdmnoi 1.8** ug/L 10/06/2016 17:19 RPL EPA 200.8 Rev 5.4

Analytical Results

Date: *Tuesday, October 11, 2016*

66	AM 136.3SA - GIRLS ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	1.9	ug/L	10/06/2016 17:22	RPL	EPA 200.8 Rev 5.4	
67	AM 137.2SA - BOYS ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.5	ug/L	10/06/2016 17:23	RPL	EPA 200.8 Rev 5.4	
68	AM 137.2SB - BOYS ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	1.5	ug/L	10/06/2016 17:24	RPL	EPA 200.8 Rev 5.4	
69	AM 137.3SA - GIRLS ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.1	ug/L	10/06/2016 17:25	RPL	EPA 200.8 Rev 5.4	
70	AM 137.3SB - GIRLS ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	4.5	ug/L	10/06/2016 17:25	RPL	EPA 200.8 Rev 5.4	
71	AM 139.2SA - BOYS ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.1	ug/L	10/06/2016 17:28	RPL	EPA 200.8 Rev 5.4	
72	AM 139.2SB - BOYS ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.1	ug/L	10/06/2016 17:29	RPL	EPA 200.8 Rev 5.4	
73	AM 139.3SS - J/C						Collected: 09/22/2016 00:00
Lead	gdmnoi	3.7	ug/L	10/06/2016 17:30	RPL	EPA 200.8 Rev 5.4	
74	AM 139.4S - GIRLS ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	2.0	ug/L	10/06/2016 17:31	RPL	EPA 200.8 Rev 5.4	
75	AM 142DF - CORRIDOR						Collected: 09/22/2016 00:00
Lead	gdmnoi	< 1.0	ug/L	10/06/2016 17:32	RPL	EPA 200.8 Rev 5.4	
76	AM 142.2SB - BOYS ROOM						Collected: 09/22/2016 00:00
Lead	gdmnoi	< 1.0	ug/L	10/06/2016 17:35	RPL	EPA 200.8 Rev 5.4	

Microbac Laboratories, Inc.

Analytical Results

Date: *Tuesday, October 11, 2016*

77 AM 142.4SA - GIRLS ROOM *Collected: 09/22/2016 00:00*

Lead **gdmnoi 1.2** ug/L 10/06/2016 17:36 RPL EPA 200.8 Rev 5.4

78 AM 142.4SB - GIRLS ROOM *Collected: 09/22/2016 00:00*

Lead **gdmnoi 1.1** ug/L 10/06/2016 17:37 RPL EPA 200.8 Rev 5.4

79 AM 200DF - MAIN OFFICE *Collected: 09/22/2016 00:00*

Lead **gdmnoi < 1.0** ug/L 10/06/2016 17:40 RPL EPA 200.8 Rev 5.4

80 AM 200.1S - COPIER ROOM *Collected: 09/22/2016 00:00*

Lead **gdmnoi 3.8** ug/L 10/06/2016 17:40 RPL EPA 200.8 Rev 5.4

81 AM 200.3S - TOILET *Collected: 09/22/2016 00:00*

Lead **gdmnoi 2.1** ug/L 10/06/2016 17:41 RPL EPA 200.8 Rev 5.4

82 AM 201.2S - TOILET *Collected: 09/22/2016 00:00*

Lead **gdmnoi 3.2** ug/L 10/06/2016 17:42 RPL EPA 200.8 Rev 5.4

FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)

B = Detected in the associated method Blank at a concentration above the routine RL
b- = Detected in the associated method Blank at a concentration greater than 2.2 times the MDL
b* = Detected in the associated method Blank at a concentration greater than half the RL
CFU = Colony forming units
D = Dilution performed on sample
DF = Dilution Factor
g = Gram
E = Value above quantitation range
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL (Metals / Organics)
LOD = Limit of Detection
LOQ = Limit of Quantitation
m³ = Meters cubed
MDL = Method Detection Limit
mg/Kg = Milligrams per Kilogram (ppm)
mg/L = Milligrams per Liter (ppm)
NA = Not Analyzed
ND = Not Detected at the Reporting Limit (or the Method Detection Limit, if used)
NR = Not Recovered
R = RPD outside accepted recovery limits
RL = Reporting Limit
S = Spike recovery outside recovery limits
Surr = Surrogate
U = Undetected
> = Greater than
< = Less than
% = Percent
* = Result exceeds project specific limits

ANALYTE TYPES: (AT)

A,B = Target Analyte
I = Internal Standard
M = Summation Analyte
S = Surrogate
T = Tentatively Identified Compound (TIC, concentration estimated)

QC SAMPLE IDENTIFICATIONS

BLK = Method Blank	ICSA = Interference Check Standard "A"
DUP = Method Duplicate	ICSAB = Interference Check Standard "AB"
BS = Method Blank Spike	BSD = Method Blank Spike Duplicate
MS = Matrix Spike	MSD = Matrix Spike Duplicate
ICB = Initial Calibration Blank	ICV = Initial Calibration Verification
CCB = Continuing Calibration Blank	CCV = Continuing Calibration Verification
CRL = Client Required Reporting Limit	OPR = Ongoing Precision and Recovery Standard
PDS = Post Digestion Spike	SD = Serial Dilution
QCS = Quality Control Standard	

CERTIFICATIONS (Certs)

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

- ^d Illinois EPA drinking water, wastewater and solid waste analysis (#200064)
- ^g Indiana SDH chemical analysis of drinking water (#C-45-03)
- ⁱ Kansas Dept Health & Env. NELAP (#E-10397)
- ^m New York State Department of Health Wadsworth (#12006)
- ⁿ Pennsylvania Department of Environmental Protect (#68-04863)
- ^o Virginia Department of General Services Division of Consolidated Laboratory Services (#7990)



COOLER INSPECTION

Client Name: BCK-IBI - Binghamton NY

Work Order Number: 1611666

Checklist completed by: 9/28/2016 3:43:35PM | Dave Bryant

Carrier Name: FedEx

Date: Tuesday, October 11, 2016

Date/Time Received: 09/27/2016 09:40

Received by: Dave Bryant

Reviewed by: 10/3/2016 | KAZ

Cooler ID: Default Cooler

Container/Temp Blank Temperature: 21.0° C

After-Hour Arrival?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>		
Shipping container/cooler in good condition?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Not Present	<input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Not Present	<input type="checkbox"/>
Custody seals intact on sample containers?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Not Present	<input checked="" type="checkbox"/>
COC present?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
COC included sufficient client identification?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
COC included sufficient sample collector information?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>		
COC included a sample description?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
COC agrees with sample labels?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
COC identified the appropriate matrix?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
COC included date of collection?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
COC included time of collection?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
COC identified the appropriate number of containers?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>		
Samples in proper container/bottle?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
Sample containers intact?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
All samples received within holding time?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		
If the samples are preserved, are the preservatives identified?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>		

If No, adjusted by? _____

COC included the requested analyses?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
COC signed when relinquished and received?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
Samples received on ice?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
Samples properly preserved?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
Voa vials for aqueous samples have zero headspace?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>

Cooler Comments: _____

ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.

Microbac Laboratories, Inc.

250 West 84th Drive | Merrillville, IN 46410 | 800.536.8379 p | 219.769.8378 p | 219.769.1664 f | www.microbac.com

Sample ID	Client Sample ID	Comments
16I1666-01	AM 101B	
16I1666-02	AM 101S	
16I1666-03	AM 102B	
16I1666-04	AM 102S	
16I1666-05	AM 103B	
16I1666-06	AM 103S	
16I1666-07	AM 104B	
16I1666-08	AM 104S	
16I1666-09	AM 105B	
16I1666-10	AM 105S	
16I1666-11	AM 106B	
16I1666-12	AM 106S	
16I1666-13	AM 107B	
16I1666-14	AM 107S	
16I1666-15	AM 108B	
16I1666-16	AM 108S	
16I1666-17	AM 109B	
16I1666-18	AM 109S	
16I1666-19	AM 110S	
16I1666-20	AM 111S	
16I1666-21	AM 112S	
16I1666-22	AM 113S	
16I1666-23	AM 114S	
16I1666-24	AM 115B	
16I1666-25	AM 115S	
16I1666-26	AM 116B	
16I1666-27	AM 116S	
16I1666-28	AM 117S	
16I1666-29	AM 118B	
16I1666-30	AM 118S	
16I1666-31	AM 119B	
16I1666-32	AM 119S	
16I1666-33	AM 120B	
16I1666-34	AM 120S	
16I1666-35	AM 121B	
16I1666-36	AM 121S	
16I1666-37	AM 122SA	
16I1666-38	AM 122SB	
16I1666-39	AM 122SC	
16I1666-40	AM 122SD	
16I1666-41	AM 122SE	
16I1666-42	AM 122SF	
16I1666-43	AM 124.4S	
16I1666-44	AM 125DF	
16I1666-45	AM 125.5SB	
16I1666-51	AM 127.2S	
16I1666-52	AM 128DF	
16I1666-53	AM 128WB	
16I1666-54	AM 129SA	

Microbac Laboratories, Inc.

16I1666-55	AM 129SB
16I1666-61	AM 133.1SB
16I1666-62	AM 133.2SS
16I1666-63	AM 133.3SA
16I1666-64	AM 133.3SB
16I1666-65	AM 136.2SA
16I1666-71	AM 139.2SA
16I1666-72	AM 139.2SB
16I1666-73	AM 139.3SS
16I1666-74	AM 139.4S
16I1666-75	AM 142DF
16I1666-81	AM 200.3S
16I1666-82	AM 201.2S
16I1666-46	AM 125.5SC
16I1666-47	AM 125.6SS
16I1666-48	AM 125.2S
16I1666-49	AM 126.1S
16I1666-50	AM 127DF
16I1666-56	AM 130S
16I1666-57	AM 130.2S
16I1666-58	AM 131SS
16I1666-59	AM 131.1S
16I1666-60	AM 133.1SA
16I1666-66	AM 136.3SA
16I1666-67	AM 137.2SA
16I1666-68	AM 137.2SB
16I1666-69	AM 137.3SA
16I1666-70	AM 137.3SB
16I1666-76	AM 142.2SB
16I1666-77	AM 142.4SA
16I1666-78	AM 142.4SB
16I1666-79	AM 200DF
16I1666-80	AM 200.1S

samples split between 2 boxes

16I/1666

UECSD - ANN G. MCGUINNESS ELEMENTARY SCHOOL					
LEAD TESTING IN SCHOOL DRINKING WATER					
S = SINK, SS = SLOP SINK, DF = DRINKING FOUNTAIN, B = BUBBLER					
SAMPLE #	ROOM #	ROOM USE	FIXTURE	TIME	NOTES
AM 101B	101	CLASSROOM	B	0543	01
AM 101S	101	CLASSROOM	S	0543	02
AM 102B	102	CLASSROOM	B	0541	03
AM 102S	102	CLASSROOM	S	0541	04
AM 103B	103	CLASSROOM	B	0539	05
AM 103S	103	CLASSROOM	S	0539	06
AM 104B	104	CLASSROOM	B	0537	07
AM 104S	104	CLASSROOM	S	0537	08
AM 105B	105	CLASSROOM	B	0536	09
AM 105S	105	CLASSROOM	S	0536	10
AM 106B	106	CLASSROOM	B	0534	11
AM 106S	106	CLASSROOM	S	0534	12
AM 107B	107	CLASSROOM	B	0531	13
AM 107S	107	CLASSROOM	S	0531	14
AM 108B	108	CLASSROOM	B	0528	15
AM 108S	108	CLASSROOM	S	0528	16
AM 109B	109	CLASSROOM	B	0524	17
AM 109S	109	CLASSROOM	S	0524	18
AM 110S	110	CLASSROOM	S	0522	19
AM 111S	111	CLASSROOM	S	0520	20

161666 Karen Ziolkowski
 BCK-IBI Group
 Ann G. McGuinness Elementary School
 09/27/2016

9/22/16



UECSD - ANN G. MCGUINNESS ELEMENTARY SCHOOL

LEAD TESTING IN SCHOOL DRINKING WATER

S = SINK, SS = SLOP SINK, DF = DRINKING FOUNTAIN, B = BUBBLER

SAMPLE #	ROOM #	ROOM USE	FIXTURE	TIME	NOTES
AM 112S	112	CLASSROOM	S	0517	21
AM 113S	113	CLASSROOM	S	0512	22
AM 114S	114	CLASSROOM	S	0515	23
AM 115B	115	CLASSROOM	B	0547	24
AM 115S	115	CLASSROOM	S	0547	25
AM 116B	116	CLASSROOM	B	0549	26
AM 116S	116	CLASSROOM	S	0549	27
AM 117S	117	CLASSROOM	S	0553	28
AM 118B	118	CLASSROOM	B	0555	29
AM 118S	118	CLASSROOM	S	0555	30
AM 119B	119	CLASSROOM	B	0600	31
AM 119S	119	CLASSROOM	S	0600	32
AM 120B	120	CLASSROOM	B	0602	33
AM 120S	120	CLASSROOM	S	0602	34
AM 121B	121	MUSIC	B	0538	35
AM 121S	121	MUSIC	S	0538	36
AM 122SA	122	KITCHEN	S	0548	DISHWASHER WAND 37
AM 122SB	122	KITCHEN	S	0550	TRIPLE SINK - L 38
AM 122SC	122	KITCHEN	S	0550	TRIPLE SINK - M 39
AM 122SD	122	KITCHEN	S	0550	TRIPLE SINK - R 40

UECSD - ANN G. MCGUINNESS ELEMENTARY SCHOOL

LEAD TESTING IN SCHOOL DRINKING WATER

S = SINK, SS = SLOP SINK, DF = DRINKING FOUNTAIN, B = BUBBLER

SAMPLE #	ROOM #	ROOM USE	FIXTURE	TIME	NOTES
AM 122SE	122	KITCHEN	S	0552	DEEP SINGLE - L
AM 122SF	122	KITCHEN	S	0553	WHITE SINGLE - L
AM 124.4S	124.4	KITCHEN OFFICE	S	0554	
AM 125DF	125	LOCKER ROOM	DF	0614	
AM 125.5SB	125.2	LOCKER ROOM	S	0558	MIDDLE
AM 125.5SC	125.2	LOCKER ROOM	S	0558	RIGHT
AM 125.6SS	125.2	LOCKER ROOM	SS	0558	
AM 125.2S	125.2	LOCKER OFF. TOILET	S	0558	RUSTY
AM 126.1S	126.1	LIBRARY OFFICE	S	0602	
AM 127DF	127	LOCKER ROOM	DF	0615	
AM 127.2S	127.2	LOCKER OFF. TOILET	S	0611	
AM 128DF	128	CAFETERIA	DF	0547	
AM 128WB	128	CAFETERIA	WB	0547	WATER BOTTLE
AM 129SA	129	FACULTY	S	0616	LEFT
AM 129SB	129	FACULTY	S	0616	RIGHT
AM 130S	130	HEALTH OFFICE	S	0518	
AM 130.2S	130.2	TOILET	S	0518	HEALTH OFFICE
AM 131SS	131	CUSTODIAN'S OFFICE	SS	0512	
AM 131.1S	131	CUSTODIAN'S OFFICE	S	0511	
AM 133.1SA	133.1	BOYS ROOM	S	0535	LEFT

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UECSD - ANN G. MCGUINNESS ELEMENTARY SCHOOL

LEAD TESTING IN SCHOOL DRINKING WATER

S = SINK, SS = SLOP SINK, DF = DRINKING FOUNTAIN, B = BUBBLER

SAMPLE #	ROOM #	ROOM USE	FIXTURE	TIME	NOTES
AM 133.1SB	133.1	BOYS ROOM	S	0535	RIGHT
AM 133.2SS	133.2	J/C	SS	0532	
AM 133.3SA	133.3	GIRLS ROOM	S	0534	LEFT
AM 133.3SB	133.3	GIRLS ROOM	S	0534	RIGHT
AM 136.2SA	136.2	BOYS ROOM	S	0607	
AM 136.3SA	136.3	GIRLS ROOM	S	0608	
AM 137.2SA	137.2	BOYS ROOM	S	0544	LEFT
AM 137.2SB	137.2	BOYS ROOM	S	0544	RIGHT
AM 137.3SA	137.3	GIRLS ROOM	S	0542	LEFT
AM 137.3SB	137.3	GIRLS ROOM	S	0542	RIGHT
AM 139.2SA	139.2	BOYS ROOM	S	0606	LEFT
AM 139.2SB	139.2	BOYS ROOM	S	0606	RIGHT
AM 139.3SS	139.3	J/C	SS	0607	
AM 139.4S	139.4	GIRLS ROOM	S	0609	
AM 142DF	142	CORRIDOR	DF	0542	
AM 142.2SB	142.2	BOYS ROOM	S	0525	RIGHT
AM 142.4SA	142.4	GIRLS ROOM	S	0527	LEFT
AM 142.4SB	142.4	GIRLS ROOM	S	0609	RIGHT
AM 200DF	200	MAIN OFFICE	DF	0515	
AM 200.1S	200.1	COPIER ROOM	S	0519	

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UECSD - ANN G. MCGUINNESS ELEMENTARY SCHOOL

LEAD TESTING IN SCHOOL DRINKING WATER

S = SINK, SS = SLOP SINK, DF = DRINKING FOUNTAIN, B = BUBBLER

SAMPLE #	ROOM #	ROOM USE	FIXTURE	TIME	NOTES
AM 200.3S	200.3	TOILET	S	0517	MAIN OFFICE
AM 201.2S	201.2	TOILET	S	0517	PRINCIPAL

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