

October 25, 2016

The Lotis Engineering Group, P.C.  
6465 Transit Road - Suite 23  
East Amherst, NY 14051-2232

Work Order No.: 16J0350

Re: Kaegebein Elementary School

Dear Kelly Reidy:

Microbac Laboratories, Inc. - Chicagoland Division received 105 sample(s) on 10/5/2016 4:10:28PM for the analyses presented in the following report as Work Order 16J0350.

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](mailto:robert.crookston@microbac.com).

Sincerely,  
Microbac Laboratories, Inc.



Karen Ziolkowski  
Senior Project Manager



**WORK ORDER SAMPLE SUMMARY**

**Date:** *Tuesday, October 25, 2016*

**Client:** The Lotis Engineering Group, P.C.  
**Project:** Kaegebein Elementary School  
**Lab Order:** 16J0350

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
16J0350-01	1-KES-1-S1		09/28/2016 06:15	10/6/2016 3:28:18PM
16J0350-02	2-KES-1-S2		09/28/2016 06:15	10/6/2016 3:28:19PM
16J0350-03	3-KES-2-S1		09/28/2016 06:16	10/6/2016 3:28:19PM
16J0350-04	4-KES-2-S2		09/28/2016 06:16	10/6/2016 3:28:19PM
16J0350-05	5-KES-3-S1		09/28/2016 06:17	10/6/2016 3:28:19PM
16J0350-06	6-KES-3-S2		09/28/2016 06:17	10/6/2016 3:28:19PM
16J0350-07	7-KES-4-S1		09/28/2016 06:18	10/6/2016 3:28:19PM
16J0350-08	8-KES-4-S2		09/28/2016 06:18	10/6/2016 3:28:19PM
16J0350-09	9-KES-5-S1		09/28/2016 06:19	10/6/2016 3:28:19PM
16J0350-10	10-KES-5-S2		09/28/2016 06:19	10/6/2016 3:28:19PM
16J0350-11	11-KES-6-S1		09/28/2016 06:20	10/6/2016 3:28:19PM
16J0350-12	12-KES-6-S2		09/28/2016 06:20	10/6/2016 3:28:19PM
16J0350-13	13-KES-7-S1		09/28/2016 06:21	10/6/2016 3:28:19PM
16J0350-14	14-KES-8-S1		09/28/2016 06:21	10/6/2016 3:28:19PM
16J0350-15	15-KES-8-S2		09/28/2016 06:22	10/6/2016 3:28:19PM
16J0350-16	16-KES-8-WF1		09/28/2016 06:22	10/6/2016 3:28:19PM
16J0350-17	17-KES-9-S1		09/28/2016 06:23	10/6/2016 3:28:19PM
16J0350-18	18-KES-9-S2		09/28/2016 06:23	10/6/2016 3:28:19PM
16J0350-19	19-KES-10-S1		09/28/2016 06:30	10/6/2016 3:28:19PM
16J0350-20	20-KES-10-S2		09/28/2016 06:30	10/6/2016 3:28:19PM
16J0350-21	21-KES-WR-S1	By Room 10 (WR=Wor	09/28/2016 06:25	10/6/2016 3:28:19PM
16J0350-22	22-KES-12-S1		09/28/2016 06:35	10/6/2016 3:28:19PM
16J0350-23	23-KES-12-S2		09/28/2016 06:35	10/6/2016 3:28:19PM
16J0350-24	24-KES-MC-WF1	By Room 12 (MC= Mai	09/28/2016 06:36	10/6/2016 3:28:19PM
16J0350-25	25-KES-BBR-S1	Near Room 13	09/28/2016 07:11	10/6/2016 3:28:19PM
16J0350-26	26-KES-BBR-S2	Near Room 13	09/28/2016 07:11	10/6/2016 3:28:19PM
16J0350-27	27-KES-BBR-S3	Near Room 13	09/28/2016 07:11	10/6/2016 3:28:19PM
16J0350-28	28-KES-GBR-S1	Near Room 13	09/28/2016 07:13	10/6/2016 3:28:19PM
16J0350-29	29-KES-GBR-S2	Near Room 13	09/28/2016 07:13	10/6/2016 3:28:19PM
16J0350-30	30-KES-GBR-S3	Near Room 13	09/28/2016 07:13	10/6/2016 3:28:20PM
16J0350-31	31-KES-53-S1		09/28/2016 06:09	10/6/2016 3:28:20PM
16J0350-32	32-KES-56-S1		09/28/2016 06:10	10/6/2016 3:28:20PM
16J0350-33	33-KES-51-S1		09/28/2016 06:13	10/6/2016 3:28:20PM
16J0350-34	34-KES-54-S1		09/28/2016 06:18	10/6/2016 3:28:20PM
16J0350-35	35-KES-S4-WF (No Sample Tak		09/28/2016 00:00	10/6/2016 3:28:20PM
16J0350-36	36-KES-49-S1		09/28/2016 06:21	10/6/2016 3:28:20PM
16J0350-37	37-KES-49-WF1		09/28/2016 06:24	10/6/2016 3:28:20PM
16J0350-38	38-KES-52-S1		09/28/2016 06:26	10/6/2016 3:28:20PM
16J0350-40	40-KES-50-S1		09/28/2016 06:30	10/6/2016 3:28:20PM
16J0350-41	41-KES-50-WF		09/28/2016 06:34	10/6/2016 3:28:20PM
16J0350-42	42-KES-GBR-S1	Near Room 38	09/28/2016 06:40	10/6/2016 3:28:20PM

Microbac Laboratories, Inc.



**WORK ORDER SAMPLE SUMMARY**

**Date:**

*Tuesday, October 25, 2016*

Sample ID	Location	Room	Date/Time	Sample Date	Sample Time
16J0350-43	43-KES-GBR-S2	Near Room 38	09/28/2016 06:40	10/6/2016	3:28:20PM
16J0350-44	44-KES-GBR-S3	Near Room 38	09/28/2016 06:40	10/6/2016	3:28:20PM
16J0350-45	45-KES-BBR-S1	Near Room 38	09/28/2016 06:43	10/6/2016	3:28:20PM
16J0350-46	46-KES-BBR-S2	Near Room 38	09/28/2016 06:43	10/6/2016	3:28:20PM
16J0350-47	47-KES-BBR-S3	Near Room 38	09/28/2016 06:43	10/6/2016	3:28:20PM
16J0350-48	48-KES-43-S1		09/28/2016 06:46	10/6/2016	3:28:20PM
16J0350-49	49-KES-LIB-S1	(Lib=Library)	09/28/2016 06:47	10/6/2016	3:28:20PM
16J0350-50	50-KES-36-S1		09/28/2016 06:15	10/6/2016	3:28:20PM
16J0350-51	51-KES-36-WF1		09/28/2016 06:15	10/6/2016	3:28:20PM
16J0350-52	52-KES-35-S1		09/28/2016 06:16	10/6/2016	3:28:20PM
16J0350-53	53-KES-35-WF1		09/28/2016 06:16	10/6/2016	3:28:20PM
16J0350-54	54-KES-34-S1		09/28/2016 06:17	10/6/2016	3:28:20PM
16J0350-55	55-KES-34-WF1		09/28/2016 06:17	10/6/2016	3:28:20PM
16J0350-56	56-KES-33-S1		09/28/2016 06:18	10/6/2016	3:28:20PM
16J0350-58	58-KES-32-S1		09/28/2016 06:20	10/6/2016	3:28:21PM
16J0350-59	59-KES-31-S1		09/28/2016 06:20	10/6/2016	3:28:21PM
16J0350-60	60-KES-31-WF1		09/28/2016 06:20	10/6/2016	3:28:21PM
16J0350-61	61-KES-29-S1		09/28/2016 06:40	10/6/2016	3:28:21PM
16J0350-63	63-KES-27-S1		09/28/2016 06:41	10/6/2016	3:28:21PM
16J0350-64	64-KES-27-WF1		09/28/2016 06:41	10/6/2016	3:28:21PM
16J0350-65	65-KES-30-MR-S1	(MR=Music Room)	09/28/2016 06:42	10/6/2016	3:28:21PM
16J0350-66	66-KES-25-S1		09/28/2016 06:42	10/6/2016	3:28:21PM
16J0350-67	67-KES-25-S2		09/28/2016 06:42	10/6/2016	3:28:21PM
16J0350-68	68-KES-25-S3		09/28/2016 06:42	10/6/2016	3:28:21PM
16J0350-69	69-KES-25-S4		09/28/2016 06:42	10/6/2016	3:28:21PM
16J0350-70	70-KES-25-WF1		09/28/2016 06:43	10/6/2016	3:28:21PM
16J0350-71	71-KES-Maint-S1	(Maint = Maintance)	09/28/2016 06:49	10/6/2016	3:28:21PM
16J0350-72	72-KES-MC-WF3	(MC = Main Corridor)	09/28/2016 06:49	10/6/2016	3:28:21PM
16J0350-73	73-KES-MC-BF1	(MC = Main Corridor)	09/28/2016 06:49	10/6/2016	3:28:21PM
16J0350-74	74-KES-MC-WF2	(MC = Main Corridor)	09/28/2016 06:50	10/6/2016	3:28:21PM
16J0350-75	75-KES-GBR-S1	Near Room 25	09/28/2016 06:50	10/6/2016	3:28:21PM
16J0350-76	76-KES-GBR-S2	Near Room 25	09/28/2016 06:50	10/6/2016	3:28:21PM
16J0350-77	77-KES-GBR-S3	Near Room 25	09/28/2016 06:50	10/6/2016	3:28:21PM
16J0350-78	78-KES-GBR-S4	Near Room 25	09/28/2016 06:50	10/6/2016	3:28:21PM
16J0350-79	79-KES-BBR-S1	Near Room 25	09/28/2016 06:51	10/6/2016	3:28:21PM
16J0350-80	80-KES-BBR-S2	Near Room 25	09/28/2016 06:51	10/6/2016	3:28:21PM
16J0350-81	81-KES-BBR-S3	Near Room 25	09/28/2016 06:51	10/6/2016	3:28:21PM
16J0350-82	82-KES-BBR-S4	Near Room 25	09/28/2016 06:51	10/6/2016	3:28:21PM
16J0350-83	83-KES-BLR-S1	(BLR = Boy's Locker Rm)	09/28/2016 07:10	10/6/2016	3:28:21PM
16J0350-85	85-KES-GLR-S1	(GLR = Girl's Locker Rm)	09/28/2016 07:00	10/6/2016	3:28:22PM
16J0350-86	86-KES-GLR-WF1		09/28/2016 07:00	10/6/2016	3:28:22PM
16J0350-87	87-KES-FBR-S1	(FBR = Female Bathroo)	09/28/2016 07:00	10/6/2016	3:28:22PM
16J0350-88	88-KES-Kitchen-S1		09/28/2016 07:10	10/6/2016	3:28:22PM
16J0350-89	89-KES-Kitchen-S2		09/28/2016 07:10	10/6/2016	3:28:22PM
16J0350-90	90-KES-Kitchen-S3		09/28/2016 07:10	10/6/2016	3:28:22PM
16J0350-91	91-KES-Kitchen-S4		09/28/2016 07:10	10/6/2016	3:28:22PM

Microbac Laboratories, Inc.



**WORK ORDER SAMPLE SUMMARY**

**Date:**

*Tuesday, October 25, 2016*

---

16J0350-92	92-KES-Boiler-S1		09/28/2016 07:11	10/6/2016	3:28:22PM
16J0350-93	93-KES-MO Bathroom-S1	(MO=Maintance Office)	09/28/2016 07:11	10/6/2016	3:28:22PM
16J0350-94	94-KES-30-MR-WF1	(MR=Music Room)	09/28/2016 07:11	10/6/2016	3:28:22PM
16J0350-95	95-KES-Library-WF1		09/28/2016 06:59	10/6/2016	3:28:22PM
16J0350-96	96-KES-CafeBR-S1		09/28/2016 07:11	10/6/2016	3:28:22PM
16J0350-97	97-KES-MCBR-S1	Near Room 17	09/28/2016 07:12	10/6/2016	3:28:22PM
16J0350-98	98-KES-NO-BR-S1	(NO= Nurses Office) N	09/28/2016 07:19	10/6/2016	3:28:22PM
16J0350-99	99-KES-NO-SR-S2	(SR=Storage Room)	09/28/2016 07:19	10/6/2016	3:28:22PM
16J0350-AA	100-KES-NO-SR-S3		09/28/2016 07:20	10/6/2016	3:28:22PM
16J0350-AB	101-KES-NO-EX-S4	EX = Exam Room)	09/28/2016 07:21	10/6/2016	3:28:22PM
16J0350-AC	102-KES-MO-BR-S1	(MO=Main Office)	09/28/2016 07:23	10/6/2016	3:28:22PM
16J0350-AD	103-KES-60-S1		09/28/2016 07:30	10/6/2016	3:28:22PM
16J0350-AE	104-KES-60-S2		09/28/2016 07:30	10/6/2016	3:28:22PM
16J0350-AF	105-KES-HCLR-S1	(HCLR= Handicap Loc)	09/30/2016 16:16	10/6/2016	3:28:22PM

Microbac Laboratories, Inc.

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



# Analytical Results

Date: Tuesday, October 25, 2016

**Client:** The Lotis Engineering Group, P.C. **Work Order:** 16J0350  
**Client Project:** Kaegebein Elementary School **Received:** 10/06/2016 15:28

Analyses	Certs	Result	Units	Qual	Analyzed	Tech	Method
01 1-KES-1-S1							Collected: 09/28/2016 06:15
Lead	gdmnoi	6.9	ug/L		10/19/2016 21:45	RPL	EPA 200.8 Rev 5.4
02 2-KES-1-S2							Collected: 09/28/2016 06:15
Lead	gdmnoi	18	ug/L		10/19/2016 21:46	RPL	EPA 200.8 Rev 5.4
03 3-KES-2-S1							Collected: 09/28/2016 06:16
Lead	gdmnoi	8.4	ug/L		10/19/2016 21:47	RPL	EPA 200.8 Rev 5.4
04 4-KES-2-S2							Collected: 09/28/2016 06:16
Lead	gdmnoi	11	ug/L		10/19/2016 21:47	RPL	EPA 200.8 Rev 5.4
05 5-KES-3-S1							Collected: 09/28/2016 06:17
Lead	gdmnoi	6.1	ug/L		10/19/2016 21:49	RPL	EPA 200.8 Rev 5.4
06 6-KES-3-S2							Collected: 09/28/2016 06:17
Lead	gdmnoi	12	ug/L		10/19/2016 21:51	RPL	EPA 200.8 Rev 5.4
07 7-KES-4-S1							Collected: 09/28/2016 06:18
Lead	gdmnoi	9.4	ug/L		10/19/2016 21:52	RPL	EPA 200.8 Rev 5.4
08 8-KES-4-S2							Collected: 09/28/2016 06:18
Lead	gdmnoi	6.9	ug/L		10/19/2016 21:53	RPL	EPA 200.8 Rev 5.4
09 9-KES-5-S1							Collected: 09/28/2016 06:19
Lead	gdmnoi	9.8	ug/L		10/19/2016 21:53	RPL	EPA 200.8 Rev 5.4
10 10-KES-5-S2							Collected: 09/28/2016 06:19
Lead	gdmnoi	27	ug/L		10/19/2016 21:54	RPL	EPA 200.8 Rev 5.4

Microbac Laboratories, Inc.

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

## Analytical Results

Date: *Tuesday, October 25, 2016*

11	11-KES-6-S1								Collected: 09/28/2016 06:20
Lead		gdmnoi	7.8	ug/L	10/19/2016 21:55	RPL	EPA 200.8 Rev 5.4		
12	12-KES-6-S2								Collected: 09/28/2016 06:20
Lead		gdmnoi	9.5	ug/L	10/19/2016 21:55	RPL	EPA 200.8 Rev 5.4		
13	13-KES-7-S1								Collected: 09/28/2016 06:21
Lead		gdmnoi	4.6	ug/L	10/19/2016 21:57	RPL	EPA 200.8 Rev 5.4		
14	14-KES-8-S1								Collected: 09/28/2016 06:21
Lead		gdmnoi	6.3	ug/L	10/19/2016 21:58	RPL	EPA 200.8 Rev 5.4		
15	15-KES-8-S2								Collected: 09/28/2016 06:22
Lead		gdmnoi	9.1	ug/L	10/19/2016 21:59	RPL	EPA 200.8 Rev 5.4		
16	16-KES-8-WF1								Collected: 09/28/2016 06:22
Lead		gdmnoi	8.8	ug/L	10/19/2016 21:59	RPL	EPA 200.8 Rev 5.4		
17	17-KES-9-S1								Collected: 09/28/2016 06:23
Lead		gdmnoi	11	ug/L	10/19/2016 22:00	RPL	EPA 200.8 Rev 5.4		
18	18-KES-9-S2								Collected: 09/28/2016 06:23
Lead		gdmnoi	6.0	ug/L	10/19/2016 22:01	RPL	EPA 200.8 Rev 5.4		
19	19-KES-10-S1								Collected: 09/28/2016 06:30
Lead		gdmnoi	5.2	ug/L	10/19/2016 22:01	RPL	EPA 200.8 Rev 5.4		
20	20-KES-10-S2								Collected: 09/28/2016 06:30
Lead		gdmnoi	270	ug/L	E 10/19/2016 22:02	RPL	EPA 200.8 Rev 5.4		
21	21-KES-WR-S1 - By Room 10 (WR=Work Room)								Collected: 09/28/2016 06:25
Lead		gdmnoi	1.9	ug/L	10/19/2016 22:03	RPL	EPA 200.8 Rev 5.4		

## Analytical Results

Date: *Tuesday, October 25, 2016*

22	22-KES-12-S1							Collected: 09/28/2016 06:35
Lead		<b>gdmnoi</b>	<b>30</b>	ug/L	10/19/2016 22:03	RPL	EPA 200.8 Rev 5.4	
23	23-KES-12-S2							Collected: 09/28/2016 06:35
Lead		<b>gdmnoi</b>	<b>12</b>	ug/L	10/19/2016 22:05	RPL	EPA 200.8 Rev 5.4	
24	24-KES-MC-WF1 - By Room 12 (MC= Main Corridor)							Collected: 09/28/2016 06:36
Lead		<b>gdmnoi</b>	<b>1.7</b>	ug/L	10/19/2016 22:06	RPL	EPA 200.8 Rev 5.4	
25	25-KES-BBR-S1 - Near Room 13							Collected: 09/28/2016 07:11
Lead		<b>gdmnoi</b>	<b>2.8</b>	ug/L	10/19/2016 22:07	RPL	EPA 200.8 Rev 5.4	
26	26-KES-BBR-S2 - Near Room 13							Collected: 09/28/2016 07:11
Lead		<b>gdmnoi</b>	<b>2.2</b>	ug/L	10/19/2016 22:07	RPL	EPA 200.8 Rev 5.4	
27	27-KES-BBR-S3 - Near Room 13							Collected: 09/28/2016 07:11
Lead		<b>gdmnoi</b>	<b>2.5</b>	ug/L	10/19/2016 22:08	RPL	EPA 200.8 Rev 5.4	
28	28-KES-GBR-S1 - Near Room 13							Collected: 09/28/2016 07:13
Lead		<b>gdmnoi</b>	<b>3.1</b>	ug/L	10/19/2016 22:09	RPL	EPA 200.8 Rev 5.4	
29	29-KES-GBR-S2 - Near Room 13							Collected: 09/28/2016 07:13
Lead		<b>gdmnoi</b>	<b>2.6</b>	ug/L	10/19/2016 22:09	RPL	EPA 200.8 Rev 5.4	
30	30-KES-GBR-S3 - Near Room 13							Collected: 09/28/2016 07:13
Lead		<b>gdmnoi</b>	<b>4.2</b>	ug/L	10/19/2016 22:10	RPL	EPA 200.8 Rev 5.4	
31	31-KES-53-S1							Collected: 09/28/2016 06:09
Lead		<b>gdmnoi</b>	<b>7.1</b>	ug/L	10/19/2016 22:11	RPL	EPA 200.8 Rev 5.4	
32	32-KES-56-S1							Collected: 09/28/2016 06:10
Lead		<b>gdmnoi</b>	<b>14</b>	ug/L	10/19/2016 22:11	RPL	EPA 200.8 Rev 5.4	

## Analytical Results

Date: *Tuesday, October 25, 2016*

33	33-KES-51-S1						Collected: 09/28/2016 06:13
Lead	gdmnoi	3.2	ug/L	10/19/2016 22:13	RPL	EPA 200.8 Rev 5.4	
34	34-KES-54-S1						Collected: 09/28/2016 06:18
Lead	gdmnoi	16	ug/L	10/19/2016 22:14	RPL	EPA 200.8 Rev 5.4	
35	35-KES-S4-WF (No Sample Taken)						Collected: 09/28/2016 00:00
Lead	gdmnoi	< 1.0	ug/L	10/20/2016 16:37	RPL	EPA 200.8 Rev 5.4	
36	36-KES-49-S1						Collected: 09/28/2016 06:21
Lead	gdmnoi	5.5	ug/L	10/19/2016 22:15	RPL	EPA 200.8 Rev 5.4	
37	37-KES-49-WF1						Collected: 09/28/2016 06:24
Lead	dgimno	140	ug/L	10/20/2016 15:23	SJE	EPA 200.8 Rev 5.4	
38	38-KES-52-S1						Collected: 09/28/2016 06:26
Lead	gdmnoi	4.0	ug/L	10/19/2016 22:16	RPL	EPA 200.8 Rev 5.4	
40	40-KES-50-S1						Collected: 09/28/2016 06:30
Lead	gdmnoi	3.3	ug/L	10/19/2016 22:17	RPL	EPA 200.8 Rev 5.4	
41	41-KES-50-WF						Collected: 09/28/2016 06:34
Lead	dgimno	49	ug/L	10/20/2016 15:35	SJE	EPA 200.8 Rev 5.4	
42	42-KES-GBR-S1 - Near Room 38						Collected: 09/28/2016 06:40
Lead	gdmnoi	3.5	ug/L	10/19/2016 22:17	RPL	EPA 200.8 Rev 5.4	
43	43-KES-GBR-S2 - Near Room 38						Collected: 09/28/2016 06:40
Lead	gdmnoi	4.4	ug/L	10/19/2016 22:18	RPL	EPA 200.8 Rev 5.4	
44	44-KES-GBR-S3 - Near Room 38						Collected: 09/28/2016 06:40
Lead	gdmnoi	9.1	ug/L	10/19/2016 22:19	RPL	EPA 200.8 Rev 5.4	

Microbac Laboratories, Inc.



## Analytical Results

Date: *Tuesday, October 25, 2016*

45	45-KES-BBR-S1 - Near Room 38						Collected: 09/28/2016 06:43
Lead	gdmnoi	5.6	ug/L	10/19/2016 22:19	RPL	EPA 200.8 Rev 5.4	
46	46-KES-BBR-S2 - Near Room 38						Collected: 09/28/2016 06:43
Lead	gdmnoi	6.4	ug/L	10/19/2016 22:21	RPL	EPA 200.8 Rev 5.4	
47	47-KES-BBR-S3 - Near Room 38						Collected: 09/28/2016 06:43
Lead	gdmnoi	9.3	ug/L	10/19/2016 22:22	RPL	EPA 200.8 Rev 5.4	
48	48-KES-43-S1						Collected: 09/28/2016 06:46
Lead	gdmnoi	2.9	ug/L	10/19/2016 22:23	RPL	EPA 200.8 Rev 5.4	
49	49-KES-LIB-S1 - (Lib=Library)						Collected: 09/28/2016 06:47
Lead	gdmnoi	8.1	ug/L	10/19/2016 22:25	RPL	EPA 200.8 Rev 5.4	
50	50-KES-36-S1						Collected: 09/28/2016 06:15
Lead	gdmnoi	36	ug/L	10/19/2016 22:25	RPL	EPA 200.8 Rev 5.4	
51	51-KES-36-WF1						Collected: 09/28/2016 06:15
Lead	gdmnoi	24	ug/L	10/19/2016 22:26	RPL	EPA 200.8 Rev 5.4	
52	52-KES-35-S1						Collected: 09/28/2016 06:16
Lead	gdmnoi	110	ug/L	E 10/19/2016 22:27	RPL	EPA 200.8 Rev 5.4	
53	53-KES-35-WF1						Collected: 09/28/2016 06:16
Lead	dgimno	860	ug/L	E 10/20/2016 15:39	SJE	EPA 200.8 Rev 5.4	
54	54-KES-34-S1						Collected: 09/28/2016 06:17
Lead	gdmnoi	170	ug/L	E 10/19/2016 22:27	RPL	EPA 200.8 Rev 5.4	
55	55-KES-34-WF1						Collected: 09/28/2016 06:17
Lead	gdmnoi	52	ug/L	10/19/2016 22:31	RPL	EPA 200.8 Rev 5.4	

Microbac Laboratories, Inc.

## Analytical Results

Date: Tuesday, October 25, 2016

56	56-KES-33-S1						Collected: 09/28/2016 06:18
Lead	gdmnoi	68	ug/L	10/19/2016 22:31	RPL	EPA 200.8 Rev 5.4	
58	58-KES-32-S1						Collected: 09/28/2016 06:20
Lead	gdmnoi	2.3	ug/L	10/19/2016 22:32	RPL	EPA 200.8 Rev 5.4	
59	59-KES-31-S1						Collected: 09/28/2016 06:20
Lead	gdmnoi	86	ug/L	10/19/2016 22:33	RPL	EPA 200.8 Rev 5.4	
60	60-KES-31-WF1						Collected: 09/28/2016 06:20
Lead	gdmnoi	46	ug/L	10/19/2016 22:33	RPL	EPA 200.8 Rev 5.4	
61	61-KES-29-S1						Collected: 09/28/2016 06:40
Lead	dginno	400	ug/L	10/20/2016 15:51	SJE	EPA 200.8 Rev 5.4	
63	63-KES-27-S1						Collected: 09/28/2016 06:41
Lead	gdmnoi	140	ug/L	E 10/19/2016 22:34	RPL	EPA 200.8 Rev 5.4	
64	64-KES-27-WF1						Collected: 09/28/2016 06:41
Lead	gdmnoi	55	ug/L	10/19/2016 22:37	RPL	EPA 200.8 Rev 5.4	
65	65-KES-30-MR-S1 - (MR=Music Room)						Collected: 09/28/2016 06:42
Lead	gdmnoi	18	ug/L	10/19/2016 22:38	RPL	EPA 200.8 Rev 5.4	
66	66-KES-25-S1						Collected: 09/28/2016 06:42
Lead	gdmnoi	9.9	ug/L	10/19/2016 22:39	RPL	EPA 200.8 Rev 5.4	
67	67-KES-25-S2						Collected: 09/28/2016 06:42
Lead	gdmnoi	3.4	ug/L	10/19/2016 22:39	RPL	EPA 200.8 Rev 5.4	
68	68-KES-25-S3						Collected: 09/28/2016 06:42
Lead	gdmnoi	4.0	ug/L	10/19/2016 22:40	RPL	EPA 200.8 Rev 5.4	

Microbac Laboratories, Inc.

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

## Analytical Results

Date: *Tuesday, October 25, 2016*

69	69-KES-25-S4						Collected: 09/28/2016 06:42
Lead	gdmnoi	3.7	ug/L	10/19/2016 22:42	RPL	EPA 200.8 Rev 5.4	
70	70-KES-25-WF1						Collected: 09/28/2016 06:43
Lead	gdmnoi	3.8	ug/L	10/19/2016 22:43	RPL	EPA 200.8 Rev 5.4	
71	71-KES-Maint-S1 - (Maint = Maintenance) Near Room 15						Collected: 09/28/2016 06:49
Lead	gdmnoi	48	ug/L	10/19/2016 22:43	RPL	EPA 200.8 Rev 5.4	
72	72-KES-MC-WF3 - (MC = Main Corridor) Near Room 15						Collected: 09/28/2016 06:49
Lead	gdmnoi	< 1.0	ug/L	10/19/2016 22:46	RPL	EPA 200.8 Rev 5.4	
73	73-KES-MC-BF1 - (MC = Main Corridor) Near Room 15						Collected: 09/28/2016 06:49
Lead	gdmnoi	< 1.0	ug/L	10/19/2016 22:46	RPL	EPA 200.8 Rev 5.4	
74	74-KES-MC-WF2 - (MC = Main Corridor) Near Room 43						Collected: 09/28/2016 06:50
Lead	gdmnoi	< 1.0	ug/L	10/19/2016 22:48	RPL	EPA 200.8 Rev 5.4	
75	75-KES-GBR-S1 - Near Room 25						Collected: 09/28/2016 06:50
Lead	gdmnoi	8.4	ug/L	10/19/2016 22:49	RPL	EPA 200.8 Rev 5.4	
76	76-KES-GBR-S2 - Near Room 25						Collected: 09/28/2016 06:50
Lead	gdmnoi	8.9	ug/L	10/19/2016 22:50	RPL	EPA 200.8 Rev 5.4	
77	77-KES-GBR-S3 - Near Room 25						Collected: 09/28/2016 06:50
Lead	gdmnoi	6.5	ug/L	10/19/2016 22:50	RPL	EPA 200.8 Rev 5.4	
78	78-KES-GBR-S4 - Near Room 25						Collected: 09/28/2016 06:50
Lead	gdmnoi	8.9	ug/L	10/19/2016 22:51	RPL	EPA 200.8 Rev 5.4	
79	79-KES-BBR-S1 - Near Room 25						Collected: 09/28/2016 06:51
Lead	gdmnoi	10	ug/L	10/19/2016 22:54	RPL	EPA 200.8 Rev 5.4	

Microbac Laboratories, Inc.

## Analytical Results

Date: Tuesday, October 25, 2016

80	80-KES-BBR-S2 - Near Room 25					Collected: 09/28/2016 06:51
Lead	gdmnoi	4.3	ug/L	10/19/2016 22:55	RPL	EPA 200.8 Rev 5.4
81	81-KES-BBR-S3 - Near Room 25					Collected: 09/28/2016 06:51
Lead	gdmnoi	8.0	ug/L	10/19/2016 22:56	RPL	EPA 200.8 Rev 5.4
82	82-KES-BBR-S4 - Near Room 25					Collected: 09/28/2016 06:51
Lead	gdmnoi	17	ug/L	10/19/2016 22:56	RPL	EPA 200.8 Rev 5.4
83	83-KES-BLR-S1 - (BLR = Boy's Locker Room)					Collected: 09/28/2016 07:10
Lead	gdmnoi	9.0	ug/L	10/19/2016 22:57	RPL	EPA 200.8 Rev 5.4
85	85-KES-GLR-S1 - (GLR = Girl's Locker Room)					Collected: 09/28/2016 07:00
Lead	gdmnoi	4.5	ug/L	10/19/2016 22:59	RPL	EPA 200.8 Rev 5.4
86	86-KES-GLR-WF1					Collected: 09/28/2016 07:00
Lead	gdmnoi	4.4	ug/L	10/19/2016 23:00	RPL	EPA 200.8 Rev 5.4
87	87-KES-FBR-S1 - (FBR = Female Bathroom)					Collected: 09/28/2016 07:00
Lead	gdmnoi	2.7	ug/L	10/19/2016 23:02	RPL	EPA 200.8 Rev 5.4
88	88-KES-Kitchen-S1					Collected: 09/28/2016 07:10
Lead	gdmnoi	4.7	ug/L	10/19/2016 23:02	RPL	EPA 200.8 Rev 5.4
89	89-KES-Kitchen-S2					Collected: 09/28/2016 07:10
Lead	gdmnoi	3.0	ug/L	10/19/2016 23:04	RPL	EPA 200.8 Rev 5.4
90	90-KES-Kitchen-S3					Collected: 09/28/2016 07:10
Lead	gdmnoi	2.7	ug/L	10/19/2016 23:05	RPL	EPA 200.8 Rev 5.4
91	91-KES-Kitchen-S4					Collected: 09/28/2016 07:10
Lead	gdmnoi	23	ug/L	10/19/2016 23:06	RPL	EPA 200.8 Rev 5.4

Microbac Laboratories, Inc.

## Analytical Results

Date: *Tuesday, October 25, 2016*

92	92-KES-Boiler-S1						Collected: 09/28/2016 07:11
Lead		<b>gdmnoi</b>	<b>1.2</b>	ug/L	10/19/2016 23:06	RPL	EPA 200.8 Rev 5.4
93	93-KES-MO Bathroom-S1 - (MO=Maintance Office)						Collected: 09/28/2016 07:11
Lead		<b>gdmnoi</b>	<b>17</b>	ug/L	10/19/2016 23:07	RPL	EPA 200.8 Rev 5.4
94	94-KES-30-MR-WF1 - (MR=Music Room)						Collected: 09/28/2016 07:11
Lead		<b>gdmnoi</b>	<b>13</b>	ug/L	10/19/2016 23:08	RPL	EPA 200.8 Rev 5.4
95	95-KES-Library-WF1						Collected: 09/28/2016 06:59
Lead		<b>gdmnoi</b>	<b>10</b>	ug/L	10/19/2016 23:10	RPL	EPA 200.8 Rev 5.4
96	96-KES-CafeBR-S1						Collected: 09/28/2016 07:11
Lead		<b>gdmnoi</b>	<b>2.2</b>	ug/L	10/19/2016 23:10	RPL	EPA 200.8 Rev 5.4
97	97-KES-MCBBR-S1 - Near Room 17						Collected: 09/28/2016 07:12
Lead		<b>gdmnoi</b>	<b>1.0</b>	ug/L	10/19/2016 23:11	RPL	EPA 200.8 Rev 5.4
98	98-KES-NO-BR-S1 - (NO= Nurses Office) Near Room 17						Collected: 09/28/2016 07:19
Lead		<b>gdmnoi</b>	<b>1.4</b>	ug/L	10/19/2016 23:12	RPL	EPA 200.8 Rev 5.4
99	99-KES-NO-SR-S2 - (SR=Storage Room)						Collected: 09/28/2016 07:19
Lead		<b>gdmnoi</b>	<b>10</b>	ug/L	10/19/2016 23:12	RPL	EPA 200.8 Rev 5.4
AA	100-KES-NO-SR-S3						Collected: 09/28/2016 07:20
Lead		<b>gdmnoi</b>	<b>1.4</b>	ug/L	10/19/2016 23:13	RPL	EPA 200.8 Rev 5.4
AB	101-KES-NO-EX-S4 - EX = Exam Room)						Collected: 09/28/2016 07:21
Lead		<b>gdmnoi</b>	<b>1.3</b>	ug/L	10/19/2016 23:14	RPL	EPA 200.8 Rev 5.4
AC	102-KES-MO-BR-S1 - (MO=Main Office)						Collected: 09/28/2016 07:23
Lead		<b>gdmnoi</b>	<b>1.3</b>	ug/L	10/19/2016 23:14	RPL	EPA 200.8 Rev 5.4

Microbac Laboratories, Inc.

**Analytical Results**

Date: Tuesday, October 25, 2016

AD 103-KES-60-S1

Collected: 09/28/2016 07:30

---

Lead	gdmnoi	< 1.0	ug/L	10/19/2016 23:15	RPL	EPA 200.8 Rev 5.4
------	--------	-------	------	------------------	-----	-------------------

---

AE 104-KES-60-S2

Collected: 09/28/2016 07:30

---

Lead	gdmnoi	< 1.0	ug/L	10/19/2016 23:16	RPL	EPA 200.8 Rev 5.4
------	--------	-------	------	------------------	-----	-------------------

---

AF 105-KES-HCLR-S1 - (HCLR= Handicap Locker Room)

Collected: 09/30/2016 16:16

---

Lead	gdmnoi	4.4	ug/L	10/19/2016 23:18	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  
m<sup>3</sup> = 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.*

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



**COOLER INSPECTION**

**Date:** Tuesday, October 25, 2016  
**Client Name:** The Lotis Engineering Group, P.C. **Date/Time Received:** 10/05/2016 16:10  
**Work Order Number:** 16J0350 **Received by:** Nicole Rainwater  
**Checklist completed by:** 10/6/2016 3:28:18PM | Nicole Rainwater **Reviewed by:** 10/10/2016 | KAZ

**Carrier Name:** Client Delivered

**Cooler ID:** Default Cooler

**Container/Temp Blank Temperature:** 21.1° 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 84<sup>th</sup> 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
16J0350-01	1-KES-1-S1	
16J0350-02	2-KES-1-S2	
16J0350-03	3-KES-2-S1	
16J0350-04	4-KES-2-S2	
16J0350-05	5-KES-3-S1	
16J0350-06	6-KES-3-S2	
16J0350-07	7-KES-4-S1	
16J0350-08	8-KES-4-S2	
16J0350-09	9-KES-5-S1	
16J0350-10	10-KES-5-S2	
16J0350-11	11-KES-6-S1	
16J0350-12	12-KES-6-S2	
16J0350-13	13-KES-7-S1	
16J0350-14	14-KES-8-S1	
16J0350-15	15-KES-8-S2	
16J0350-16	16-KES-8-WF1	
16J0350-17	17-KES-9-S1	
16J0350-18	18-KES-9-S2	
16J0350-19	19-KES-10-S1	
16J0350-20	20-KES-10-S2	
16J0350-21	21-KES-WR-S1	
16J0350-22	22-KES-12-S1	
16J0350-23	23-KES-12-S2	
16J0350-24	24-KES-MC-WF1	
16J0350-25	25-KES-BBR-S1	
16J0350-26	26-KES-BBR-S2	
16J0350-27	27-KES-BBR-S3	
16J0350-28	28-KES-GBR-S1	
16J0350-29	29-KES-GBR-S2	
16J0350-30	30-KES-GBR-S3	
16J0350-31	31-KES-53-S1	
16J0350-32	32-KES-56-S1	
16J0350-33	33-KES-51-S1	
16J0350-34	34-KES-54-S1	
16J0350-35	35-KES-S4-WF (No Sample Taken)	
16J0350-36	36-KES-49-S1	
16J0350-37	37-KES-49-WF1	
16J0350-38	38-KES-52-S1	
16J0350-39	39-KES-52-WF (No Sample Taken)	
16J0350-40	40-KES-50-S1	
16J0350-41	41-KES-50-WF	
16J0350-42	42-KES-GBR-S1	
16J0350-43	43-KES-GBR-S2	
16J0350-44	44-KES-GBR-S3	
16J0350-45	45-KES-BBR-S1	
16J0350-51	51-KES-36-WF1	
16J0350-52	52-KES-35-S1	
16J0350-53	53-KES-35-WF1	
16J0350-54	54-KES-34-S1	

Microbac Laboratories, Inc.

16J0350-55	55-KES-34-WF1
16J0350-61	61-KES-29-S1
16J0350-62	62-KES-29-WF (No Sample Taken)
16J0350-63	63-KES-27-S1
16J0350-64	64-KES-27-WF1
16J0350-65	65-KES-30-MR-S1
16J0350-71	71-KES-Maint-S1
16J0350-72	72-KES-MC-WF3
16J0350-73	73-KES-MC-BF1
16J0350-74	74-KES-MC-WF2
16J0350-75	75-KES-GBR-S1
16J0350-81	81-KES-BBR-S3
16J0350-82	82-KES-BBR-S4
16J0350-83	83-KES-BLR-S1
16J0350-84	84-KES-BLR-WF1 (No Sample Taken)
16J0350-85	85-KES-GLR-S1
16J0350-91	91-KES-Kitchen-S4
16J0350-92	92-KES-Boiler-S1
16J0350-93	93-KES-MO Bathroom-S1
16J0350-94	94-KES-30-MR-WF1
16J0350-95	95-KES-Library-WF1
16J0350-AB	101-KES-NO-EX-S4
16J0350-AC	102-KES-MO-BR-S1
16J0350-AD	103-KES-60-S1
16J0350-AE	104-KES-60-S2
16J0350-AF	105-KES-HCLR-S1
16J0350-46	46-KES-BBR-S2
16J0350-47	47-KES-BBR-S3
16J0350-48	48-KES-43-S1
16J0350-49	49-KES-LIB-S1
16J0350-50	50-KES-36-S1
16J0350-56	56-KES-33-S1
16J0350-57	57-KES-33-WF1 (No Sample Taken)
16J0350-58	58-KES-32-S1
16J0350-59	59-KES-31-S1
16J0350-60	60-KES-31-WF1
16J0350-66	66-KES-25-S1
16J0350-67	67-KES-25-S2
16J0350-68	68-KES-25-S3
16J0350-69	69-KES-25-S4
16J0350-70	70-KES-25-WF1
16J0350-76	76-KES-GBR-S2
16J0350-77	77-KES-GBR-S3
16J0350-78	78-KES-GBR-S4
16J0350-79	79-KES-BBR-S1
16J0350-80	80-KES-BBR-S2
16J0350-86	86-KES-GLR-WF1
16J0350-87	87-KES-FBR-S1
16J0350-88	88-KES-Kitchen-S1
16J0350-89	89-KES-Kitchen-S2

Microbac Laboratories, Inc.

16J0350-90	90-KES-Kitchen-S3
16J0350-96	96-KES-CafeBR-S1
16J0350-97	97-KES-MC BR-S1
16J0350-98	98-KES-NO-BR-S1
16J0350-99	99-KES-NO-SR-S2
16J0350-AA	100-KES-NO-SR-S3

---

1650350



SampleID	Matrix	SampleName	Sampled	SampledBy
1	Aqueous			
2	Aqueous			
3	Aqueous			
4	Aqueous			
5	Aqueous			
6	Aqueous			
7	Aqueous			
8	Aqueous			
9	Aqueous			
10	Aqueous			
11	Aqueous			
12	Aqueous			
13	Aqueous			
14	Aqueous			
15	Aqueous			
16	Aqueous			
17	Aqueous			
18	Aqueous			
19	Aqueous			
20	Aqueous			
21	Aqueous			
22	Aqueous			
23	Aqueous			
24	Aqueous			
25	Aqueous			
26	Aqueous			
27	Aqueous			
28	Aqueous			
29	Aqueous			
30	Aqueous			
31	Aqueous			
32	Aqueous			
33	Aqueous			
34	Aqueous			
35	Aqueous			
36	Aqueous			
37	Aqueous			
38	Aqueous			
39	Aqueous			
40	Aqueous			
41	Aqueous			
42	Aqueous			
43	Aqueous			
44	Aqueous			
45	Aqueous			
46	Aqueous			
47	Aqueous			
48	Aqueous			
49	Aqueous			
50	Aqueous			
51	Aqueous			
52	Aqueous			
53	Aqueous			
54	Aqueous			
55	Aqueous			
56	Aqueous			
57	Aqueous			
58	Aqueous			
59	Aqueous			
60	Aqueous			
61	Aqueous			
62	Aqueous			
63	Aqueous			
64	Aqueous			
65	Aqueous			
66	Aqueous			
67	Aqueous			
68	Aqueous			
69	Aqueous			
70	Aqueous			
71	Aqueous			
72	Aqueous			
73	Aqueous			
74	Aqueous			
75	Aqueous			
76	Aqueous			
77	Aqueous			
78	Aqueous			

Samples 1-60 in Box 1

Box 2

1650350

Box 2

- 79 Aqueous
- 80 Aqueous
- 81 Aqueous
- 82 Aqueous
- 83 Aqueous
- 84 Aqueous
- 85 Aqueous
- 86 Aqueous
- 87 Aqueous
- 88 Aqueous
- 89 Aqueous
- 90 Aqueous
- 91 Aqueous
- 92 Aqueous
- 93 Aqueous
- 94 Aqueous
- 95 Aqueous
- 96 Aqueous
- 97 Aqueous
- 98 Aqueous
- 99 Aqueous
- 100 Aqueous
- 101 Aqueous
- 102 Aqueous
- 103 Aqueous
- 104 Aqueous
- 105 Aqueous
- 106 Aqueous

Sample ID	Location	Date	Time	Analyst
80-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
81-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
82-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
83-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
84-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
85-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
86-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
87-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
88-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
89-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
90-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
91-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
92-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
93-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
94-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
95-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
96-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
97-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
98-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
99-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
100-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
101-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
102-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
103-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
104-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
105-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly
106-YES-BLR-S1	BLR = Girl's Locker Room	9/28/2016	07:00	Kelly

Rel: MURKIN 10/5/16 16:20  
 Rec: Nicole Carniato 10-5-16/16:0

NI  $\frac{21.0}{-0.5}$   
 21.0°C

Sample Matrix	SampleName	SampleAlias	Sampled	SampledBy
1 Aqueous	1-KES-1-S1		9/28/2016 06:15	Kelly Reidy
2 Aqueous	2-KES-1-S2		9/28/2016 06:15	Kelly Reidy
3 Aqueous	3-KES-2-S1		9/28/2016 06:16	Kelly Reidy
4 Aqueous	4-KES-2-S2		9/28/2016 06:16	Kelly Reidy
5 Aqueous	5-KES-3-S1		9/28/2016 06:17	Kelly Reidy
6 Aqueous	6-KES-3-S2		9/28/2016 06:17	Kelly Reidy
7 Aqueous	7-KES-4-S1		9/28/2016 06:18	Kelly Reidy
8 Aqueous	8-KES-4-S2		9/28/2016 06:18	Kelly Reidy
9 Aqueous	9-KES-5-S1		9/28/2016 06:19	Kelly Reidy
10 Aqueous	10-KES-5-S2		9/28/2016 06:19	Kelly Reidy
11 Aqueous	11-KES-6-S1		9/28/2016 06:20	Kelly Reidy
12 Aqueous	12-KES-6-S2		9/28/2016 06:20	Kelly Reidy
13 Aqueous	13-KES-7-S1		9/28/2016 06:21	Kelly Reidy
14 Aqueous	14-KES-8-S1		9/28/2016 06:21	Kelly Reidy
15 Aqueous	15-KES-8-S2		9/28/2016 06:22	Kelly Reidy
16 Aqueous	16-KES-8-WF1		9/28/2016 06:22	Kelly Reidy
17 Aqueous	17-KES-9-S1		9/28/2016 06:23	Kelly Reidy
18 Aqueous	18-KES-9-S2		9/28/2016 06:23	Kelly Reidy
19 Aqueous	19-KES-10-S1		9/28/2016 06:30	Kelly Reidy
20 Aqueous	20-KES-10-S2		9/28/2016 06:30	Kelly Reidy
21 Aqueous	21-KES-WR-S1	By Room 10 (WR=Work Room)	9/28/2016 06:25	Kelly Reidy
22 Aqueous	22-KES-12-S1		9/28/2016 06:35	Kelly Reidy
23 Aqueous	23-KES-12-S2		9/28/2016 06:35	Kelly Reidy
24 Aqueous	24-KES-MC-WF1	By Room 12 (MC= Main Corridor)	9/28/2016 06:36	Kelly Reidy
25 Aqueous	25-KES-BBR-S1	Near Room 13	9/28/2016 07:11	Kelly Reidy
26 Aqueous	26-KES-BBR-S2	Near Room 13	9/28/2016 07:11	Kelly Reidy
27 Aqueous	27-KES-BBR-S3	Near Room 13	9/28/2016 07:11	Kelly Reidy
28 Aqueous	28-KES-GBR-S1	Near Room 13	9/28/2016 07:13	Kelly Reidy
29 Aqueous	29-KES-GBR-S2	Near Room 13	9/28/2016 07:13	Kelly Reidy
30 Aqueous	30-KES-GBR-S3	Near Room 13	9/28/2016 07:13	Kelly Reidy
31 Aqueous	31-KES-53-S1		9/28/2016 06:09	Matt Green
32 Aqueous	32-KES-56-S1		9/28/2016 06:10	Matt Green
33 Aqueous	33-KES-51-S1		9/28/2016 06:13	Matt Green
34 Aqueous	34-KES-54-S1		9/28/2016 06:18	Matt Green
35 Aqueous	35-KES-S4-WF (No Sample Taken)		9/28/2016 00:00	Matt Green
36 Aqueous	36-KES-49-S1		9/28/2016 06:21	Matt Green
37 Aqueous	37-KES-49-WF1		9/28/2016 06:24	Matt Green
38 Aqueous	38-KES-52-S1		9/28/2016 06:26	Matt Green
39 Aqueous	39-KES-52-WF (No Sample Taken)		9/28/2016 00:00	Matt Green
40 Aqueous	40-KES-50-S1		9/28/2016 06:30	Matt Green
41 Aqueous	41-KES-50-WF		9/28/2016 06:34	Matt Green
42 Aqueous	42-KES-GBR-S1	Near Room 38	9/28/2016 06:40	Matt Green
43 Aqueous	43-KES-GBR-S2	Near Room 38	9/28/2016 06:40	Matt Green
44 Aqueous	44-KES-GBR-S3	Near Room 38	9/28/2016 06:40	Matt Green
45 Aqueous	45-KES-BBR-S1	Near Room 38	9/28/2016 06:43	Matt Green
46 Aqueous	46-KES-BBR-S2	Near Room 38	9/28/2016 06:43	Matt Green
47 Aqueous	47-KES-BBR-S3	Near Room 38	9/28/2016 06:43	Matt Green
48 Aqueous	48-KES-43-S1		9/28/2016 06:46	Matt Green
49 Aqueous	49-KES-LIB-S1	(Lib=Library)	9/28/2016 06:47	Matt Green
50 Aqueous	50-KES-36-S1		9/28/2016 06:15	Brooke Heatle-
51 Aqueous	51-KES-36-WF1		9/28/2016 06:15	Brooke Heatle-
52 Aqueous	52-KES-35-S1		9/28/2016 06:16	Brooke Heatle-
53 Aqueous	53-KES-35-WF1		9/28/2016 06:16	Brooke Heatle-
54 Aqueous	54-KES-34-S1		9/28/2016 06:17	Brooke Heatle-
55 Aqueous	55-KES-34-WF1		9/28/2016 06:17	Brooke Heatle-
56 Aqueous	56-KES-33-S1		9/28/2016 06:18	Brooke Heatle-
57 Aqueous	57-KES-33-WF1 (No Sample Taken)		9/28/2016 00:00	Brooke Heatle-
58 Aqueous	58-KES-32-S1		9/28/2016 06:20	Brooke Heatle-
59 Aqueous	59-KES-31-S1		9/28/2016 06:20	Brooke Heatle-
60 Aqueous	60-KES-31-WF1		9/28/2016 06:20	Brooke Heatle-
61 Aqueous	61-KES-29-S1		9/28/2016 06:40	Brooke Heatle-
62 Aqueous	62-KES-29-WF (No Sample Taken)		9/28/2016 06:40	Brooke Heatle-
63 Aqueous	63-KES-27-S1		9/28/2016 06:41	Brooke Heatle-
64 Aqueous	64-KES-27-WF1		9/28/2016 06:41	Brooke Heatle-
65 Aqueous	65-KES-30-MR-S1	(MR=Music Room)	9/28/2016 06:42	Brooke Heatle-
66 Aqueous	66-KES-25-S1		9/28/2016 06:42	Brooke Heatle-
67 Aqueous	67-KES-25-S2		9/28/2016 06:42	Brooke Heatle-
68 Aqueous	68-KES-25-S3		9/28/2016 06:42	Brooke Heatle-
69 Aqueous	69-KES-25-S4		9/28/2016 06:42	Brooke Heatle-
70 Aqueous	70-KES-25-WF1		9/28/2016 06:43	Brooke Heatle-
71 Aqueous	71-KES-Maint-S1	(Maint = Maintenance) Near Room 15	9/28/2016 06:49	Brooke Heatle-
72 Aqueous	72-KES-MC-WF3	(MC = Main Corridor)Near Room 15	9/28/2016 06:49	Brooke Heatle-
73 Aqueous	73-KES-MC-BF1	(MC = Main Corridor)Near Room 15	9/28/2016 06:49	Brooke Heatle-
74 Aqueous	74-KES-MC-WF2	(MC = Main Corridor)Near Room 43	9/28/2016 06:50	Brooke Heatle-
75 Aqueous	75-KES-GBR-S1	Near Room 25	9/28/2016 06:50	Brooke Heatle-
76 Aqueous	76-KES-GBR-S2	Near Room 25	9/28/2016 06:50	Brooke Heatle-
77 Aqueous	77-KES-GBR-S3	Near Room 25	9/28/2016 06:50	Brooke Heatle-
78 Aqueous	78-KES-GBR-S4	Near Room 25	9/28/2016 06:50	Brooke Heatle-
79 Aqueous	79-KES-BBR-S1	Near Room 25	9/28/2016 06:51	Brooke Heatle-
80 Aqueous	80-KES-BBR-S2	Near Room 25	9/28/2016 06:51	Brooke Heatle-
81 Aqueous	81-KES-BBR-S3	Near Room 25	9/28/2016 06:51	Brooke Heatle-
82 Aqueous	82-KES-BBR-S4	Near Room 25	9/28/2016 06:51	Brooke Heatle-
83 Aqueous	83-KES-BLR-S1	(BLR = Boy's Locker Room)	9/28/2016 07:10	Kelly Reidy
84 Aqueous	84-KES-BLR-WF1 (No Sample Taken)		9/28/2016 00:00	Kelly Reidy
85 Aqueous	85-KES-GLR-S1	(GLR = Girl's Locker Room)	9/28/2016 07:00	Kelly Reidy
86 Aqueous	86-KES-GLR-WF1		9/28/2016 07:00	Kelly Reidy
87 Aqueous	87-KES-FBR-S1	(FBR = Female Bathroom)	9/28/2016 07:00	Kelly Reidy

88	Aqueous	88-KES-Kitchen-S1	9/28/2016 07:10	Kelly Reidy
89	Aqueous	89-KES-Kitchen-S2	9/28/2016 07:10	Kelly Reidy
90	Aqueous	90-KES-Kitchen-S3	9/28/2016 07:10	Kelly Reidy
91	Aqueous	91-KES-Kitchen-S4	9/28/2016 07:10	Kelly Reidy
92	Aqueous	92-KES-Boiler-S1	9/28/2016 07:11	Kelly Reidy
93	Aqueous	93-KES-MO Bathroo (MO=Maintance Office)	9/28/2016 07:11	Kelly Reidy
94	Aqueous	94-KES-30-MR-WF1 (MR=Music Room)	9/28/2016 07:11	Kelly Reidy
95	Aqueous	95-KES-Library-WF1	9/28/2016 06:59	Kelly Reidy
96	Aqueous	96-KES-CafeBR-S1	9/28/2016 07:11	Kelly Reidy
97	Aqueous	97-KES-MCBR-S1 Near Room 17	9/28/2016 07:12	Kelly Reidy
98	Aqueous	98-KES-NO-BR-S1 (NO= Nurses Office) Near Room 17	9/28/2016 07:19	Kelly Reidy
99	Aqueous	99-KES-NO-SR-S2 (SR=Storage Room)	9/28/2016 07:19	Kelly Reidy
100	Aqueous	100-KES-NO-SR-S3	9/28/2016 07:20	Kelly Reidy
101	Aqueous	101-KES-NO-EX-S4 EX = Exam Room)	9/28/2016 07:21	Kelly Reidy
102	Aqueous	102-KES-MO-BR-S1 (MO=Main Office)	9/28/2016 07:23	Kelly Reidy
103	Aqueous	103-KES-60-S1	9/28/2016 07:30	Kelly Reidy
104	Aqueous	104-KES-60-S2	9/28/2016 07:30	Kelly Reidy
105	Aqueous	105-KES-HCLR-S1 (HCLR= Handicap Locker Room)	9/30/2016 16:16	Matt Green