



**Environmental and Laboratory Services**  
 90 ½ West Blackwell St., Dover, New Jersey 07801  
 (973) 989-0010 P, (973) 989-0156 F

## Analytical Results

Date: June 12, 2017  
 Address: Roxbury Township BOE  
 1 Bryant Drive  
 Succasunna, NJ 07876

**Project: Kennedy Elementary School**

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-1  
 Sample location: Field Blank  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:23  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/27/17	14:13	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-2  
 Sample location: KES-FC-HW by Main Office  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:24  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/27/17	14:24	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-3  
 Sample location: KES-FC-Cafeteria  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:25  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/27/17	14:30	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-4  
 Sample location: KES-KO-Kitchen-01  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:27  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	4.06 µg/L	15 µg/L	05/27/17	14:36	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-5  
 Sample location: KES-TL-Teacher's Lounge  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:28  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.81 µg/L	15 µg/L	05/27/17	14:41	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-6  
 Sample location: KES-FC-HW-by Gym-01  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:29  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/27/17	14:47	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-7  
 Sample location: KES-FC-HW by Gym-02  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:30  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/27/17	14:52	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-8  
 Sample location: KES-FB-18  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:32  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	24.2 µg/L	15 µg/L	05/27/17	15:00	2	4.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-9  
 Sample location: KES-MO-Nurse  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:34  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	3.76 µg/L	15 µg/L	05/27/17	15:06	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-10  
 Sample location: KES-FB-01  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:35  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/27/17	15:11	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-11  
 Sample location: KES-FB-17  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:36  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	23.1 µg/L	15 µg/L	05/27/17	15:31	2	4.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-12  
 Sample location: KES-FB-02  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:37  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	9.21 µg/L	15 µg/L	05/27/17	15:37	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-13  
 Sample location: KES-FB-03  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:38  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	6.32 µg/L	15 µg/L	05/27/17	15:43	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-14  
 Sample location: KES-FB-16  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:39  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	7.04 µg/L	15 µg/L	05/27/17	15:48	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-15  
 Sample location: KES-FB-04  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:40  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	12.0 µg/L	15 µg/L	05/27/17	15:54	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-16  
 Sample location: KES-FB-15  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:41  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	5.32 µg/L	15 µg/L	05/27/17	15:59	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-17  
 Sample location: KES-FB-05  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:43  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	4.38 µg/L	15 µg/L	05/27/17	16:05	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-18  
 Sample location: KES-FB-14  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:44  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	5.40 µg/L	15 µg/L	05/27/17	16:28	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-19  
 Sample location: KES-FB-06  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:45  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	4.63 µg/L	15 µg/L	05/27/17	16:45	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-20  
 Sample location: KES-FB-13  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:46  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	5:38 µg/L	15 µg/L	05/27/17	16:51	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-21  
 Sample location: KES-FB-07  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:47  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	9.50 µg/L	15 µg/L	05/27/17	16:57	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-22  
 Sample location: KES-FB-12  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:48  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	6.74 µg/L	15 µg/L	05/27/17	17:03	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-23  
 Sample location: KES-FB-08  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:49  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.31 µg/L	15 µg/L	05/27/17	17:08	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-24  
 Sample location: KES- FB-11  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:50  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	3.44 µg/L	15 µg/L	05/27/17	17:13	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-25  
 Sample location: KES-FB-10  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:52  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.15 µg/L	15 µg/L	05/27/17	17:20	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5462-26  
 Sample location: KES-FB-09  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 08:53  
 Analyst: M. Furrey

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	6.91 µg/L	15 µg/L	05/27/17	17:25	1	2.00 µg/L

µg/L = micrograms per liter

All testing was done within the required holding time.

I certify that these samples were analyzed in accordance with procedures approved by the New Jersey Department of Environmental Protection.

Susan VanVeen  
 Susan VanVeen, Lab Manager  
 NJ Laboratory Certification ID # 14013

6/13/17  
 Date

# CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

# Asc./HCl Vials pH: \_\_\_\_\_  
 # HCl Vials pH: \_\_\_\_\_  
 # Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Cl<sub>2</sub>: \_\_\_\_\_  
 # HNO<sub>3</sub> (90%) pH: 7.2  
 # H<sub>2</sub>SO<sub>4</sub> pH: \_\_\_\_\_  
 # NaOH pH: \_\_\_\_\_  
 # unpreserved \_\_\_\_\_  
 # other \_\_\_\_\_  
 # other \_\_\_\_\_

Customer Name: Kennedy Elementary School  
 Address: Pleasant Hill Rd  
 Succasunna NJ 07876  
 County/Municipality:  
 Phone: (973)-584-3938  
 Work:  
 report to:  
 Agra Environmental Services  
 90 1/2 West Blackwell Street  
 Dover, NJ 07801  
 Phone: (973) 989-0010  
 Fax: (973) 989-0156

Matrix Abbreviations: D - Drinking Water G - Groundwater W - Wastewater S - Soil SL - Sludge P - Pool L - Lake  
 Project: \_\_\_\_\_ for laboratory use only

Field ID	Lab ID:	Collection		PWSID# NJ			ANALYSIS REQUESTED	Field Analysis	
		Date	Time	Grab	Comp	Matrix			# of Bottles
Field Blank	DW55462	5/13/17	08:23	X		DW	1	NHO3	1413
KES-FC-HW by Main Office			08:24	X		DW	1	NHO3	1424
KES-FC-Cafeteria			08:25	X		DW	1	NHO3	1430
KES-KO-Kitchen-01			08:27	X		DW	1	NHO3	1436
KES-TL-Teachers Lounge			08:28	X		DW	1	NHO3	1441
KES-FC-HW by Gym-01			08:29	X		DW	1	NHO3	1447
KES-FC-HW by Gym-02			08:30	X		DW	1	NHO3	1452
KES-FB-18			08:32	X		DW	1	NHO3	1500
KES-MO-Nurse			08:34	X		DW	1	NHO3	1506
KES-FB-01			08:35	X		DW	1	NHO3	1511

Sampled By (name/company): SB/S.L. / agra  
 State Forms Needed (circle one): Yes or No  
 NJDEP Laboratory Certification (Dover, NJ) #14013  
 NJDEP Laboratory Certification (Marlboro, NJ) #13033

Reporting Requirements (Check Box):  
 Standard \_\_\_\_\_  
 NU Reduced \_\_\_\_\_  
 Other (Specify) \_\_\_\_\_  
 Cooler Temperature Upon Receipt at lab: NA

Sample Custody Exchanges (Please use full legal signature)				Scanned
Relinquished By:	Date: 5/13/17	Time: 12:40	Received By:	Date: 5/13/17
Relinquished By:	Date:	Time:	Received By:	Date:
Relinquished By:	Date:	Time:	Received By:	Date:
Relinquished By:	Date:	Time:	Received By:	Date:

Date Faxed: \_\_\_\_\_  
 Invoice Number: \_\_\_\_\_  
 Is sample known to be hazardous? (circle one)  
 Yes or No

# CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST



**Customer Name:** Kennedy Elementary School  
**Address:** Pleasant Hill Rd  
 Succasunna NJ 07876  
**County/Municipality:**  
**Phone:** (973)-584-3938  
**Work:**

**report to:**  
**Agra Environmental Services**  
 90½ West Blackwell Street  
 Dover, NJ 07801  
 Phone: (973) 989-0010  
 Fax: (973) 989-0156

**Matrix Abbreviations:** D - Drinking Water G - Groundwater W - Wastewater S - Soil SL - Sludge P - Pool L - Lake  
**Project:** PWSID# NJ \_\_\_\_\_ for laboratory use only  
 Page 2 of 3

Field ID	Lab ID:	Collection		Grab	Comp	Matrix	# of Bottles	Preservative	ANALYSIS REQUESTED	Field Analysis
		Date	Time							
KES-FB-17	Bussalob	5/13/17	08:36	X		DW	1	NHO3	1st Draw PB 2.31 up/L 5/27/17 1531 DMF 1.2	
KES-FB-02			08:37	X		DW	1	NHO3	1st Draw PB 4.21 1537	
KES-FB-03			08:38	X		DW	1	NHO3	1st Draw PB 6.32 1543	
KES-FB-16			08:39	X		DW	1	NHO3	1st Draw PB 7.04 1548	
KES-FB-04			08:40	X		DW	1	NHO3	1st Draw PB 12.0 1554	
KES-FB-15			08:41	X		DW	1	NHO3	1st Draw PB 5.32 1554	
KES-FB-05			08:43	X		DW	1	NHO3	1st Draw PB 4.38 1605	
KES-FB-14			08:44	X		DW	1	NHO3	1st Draw PB 5.40 1628	
KES-FB-06			08:45	X		DW	1	NHO3	1st Draw PB 4.63 1645	
KES-FB-13			08:46	X		DW	1	NHO3	1st Draw PB 5.38 1651	

**Sampled By (name/company):** SB/SL / Agra  
 State Forms Needed (circle one): Yes or No  
 NJDEP Laboratory Certification (Dover, NJ) #14013  
 NJDEP Laboratory Certification (Marlboro, NJ) #13033  
 Reporting Requirements (Check Box):  
 Standard  NJ Reduced  Other (Specify)

Cooler Temperature Upon Receipt at lab: N/A

**Sample Custody Exchanges (Please use full legal signature)**

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
<i>[Signature]</i>	5/13/17	08:40			

Scanned \_\_\_\_\_  
 Date Faxed \_\_\_\_\_  
 Invoice Number \_\_\_\_\_  
 Is sample known to be hazardous? (circle one)  
 Yes or No

# CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST



**Agra Environmental Services**  
 90½ West Blackwell Street  
 Dover, NJ 07801  
 Phone: (973) 989-0010  
 Fax: (973) 989-0156

Customer Name: Kennedy Elementary School  
 Address: Pleasant Hill Rd  
 Succasunna NJ 07876  
 County/Municipality: Succasunna NJ 07876  
 Phone: (973)-584-3938  
 Work:

report to: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Matrix Abbreviations:** D - Drinking Water G - Groundwater W - Wastewater S - Soil SL - Sludge P - Pool L - Lake  
 Page 3 of 3

Project:	Lab ID:	Collection		PWSID# NJ			ANALYSIS REQUESTED	Field Analysis	
		Date	Time	Grab	Comp	Matrix			# of Bottles
KES-FB-07	DW5546A	5/13/17	08:47	X		DW	1	NHO3	1st Draw PB 4.50 ug/L 5/27/17 1657 MF
KES-FB-12			08:48	X		DW	1	NHO3	1st Draw PB 6.74 1703
KES-FB-08			08:49	X		DW	1	NHO3	1st Draw PB 2.31 1708
KES-FB-11			08:50	X		DW	1	NHO3	1st Draw PB 3.44 1713
KES-FB-10			08:52	X		DW	1	NHO3	1st Draw PB 2.15 1720
KES-FB-09			08:53	X		DW	1	NHO3	1st Draw PB 6.41 1725
				X		DW	1	NHO3	1st Draw PB
				X		DW	1	NHO3	1st Draw PB
				X		DW	1	NHO3	1st Draw PB
				X		DW	1	NHO3	1st Draw PB
				X		DW	1	NHO3	1st Draw PB
				X		DW	1	NHO3	1st Draw PB

**Sampled By (name/company):** SB/SL/agra  
 State Forms Needed (circle one): Yes or No \_\_\_\_\_  
 NJDEP Laboratory Certification (Dover, NJ) #14013 \_\_\_\_\_  
 NJDEP Laboratory Certification (Marlboro, NJ) #13033 \_\_\_\_\_

Reporting Requirements (Check Box):  
 Standard \_\_\_\_\_  
 NJ Reduced \_\_\_\_\_  
 Other (Specify) \_\_\_\_\_  
 Cooler Temperature Upon Receipt at lab: N/A

**Sample Custody Exchanges (Please use full legal signature)**

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Scanned
<i>[Signature]</i>	5/13/17	8:40				
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	

Date Faxed: \_\_\_\_\_  
 Invoice Number: \_\_\_\_\_  
 Is sample known to be hazardous? (circle one)  
 Yes or No