



**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 9, 2017  
 Address: Roxbury Township BOE  
 1 Bryant Drive  
 Succasunna, NJ 07876

**Project: Nixon Elementary School**

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-1  
 Sample location: Field Blank  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:37  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	16:32	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-2  
 Sample location: NES-FC-HW by Main Office & Lobby  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:38  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	16:55	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-3  
 Sample location: NES- KO-Kitchen  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:39  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	5.28 µg/L	15 µg/L	05/26/17	17:01	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-4  
 Sample location: NES- TL- Teacher Lounge  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:40  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	6.16 µg/L	15 µg/L	05/26/17	17:07	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-5  
 Sample location: NES- FC-HW-by Gym -01  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:41  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	17:12	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-6  
 Sample location: NES-FC-HW-by Gym-02  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:42  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	17:18	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-7  
 Sample location: NES-FB-25  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:42  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	7.23 µg/L	15 µg/L	05/26/17	17:24	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-8  
 Sample location: NES-FB-24  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:43  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	17:29	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-9  
 Sample location: NES-FB-23  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:45  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	17:35	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-10  
 Sample location: NES-FB-21  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:46  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	17:47	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-11  
 Sample location: NES-FB-20  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:47  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	17:52	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-12  
 Sample location: NES-FB-17  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:49  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	17:58	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-13  
 Sample location: NES-MO-Nurse  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:51  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	18:04	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-14  
 Sample location: NES-FB-18  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:51  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.56 µg/L	15 µg/L	05/26/17	18:09	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-15  
 Sample location: NES-FB-15  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:52  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	18:14	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-16  
 Sample location: NES-FB-16  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:53  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	5.13 µg/L	15 µg/L	05/26/17	18:20	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-17  
 Sample location: NES-FB-14  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:54  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	18:25	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-18  
 Sample location: NES-FB-12  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:56  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	5.24 µg/L	15 µg/L	05/26/17	18:31	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-19  
 Sample location: NES-FB-11  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:57  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.28 µg/L	15 µg/L	05/26/17	18:36	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-20  
 Sample location: NES-FB-10  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:57  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	18:58	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-21  
 Sample location: NES-FB-09  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:58  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.34 µg/L	15 µg/L	05/26/17	19:20	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-22  
 Sample location: NES-FB-08  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 11:59  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.12 µg/L	15 µg/L	05/26/17	19:26	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-23  
 Sample location: NES-FB-07  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 12:00  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	3.62 µg/L	15 µg/L	05/26/17	19:31	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-24  
 Sample location: NES-FB-06  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 12:01  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	3.03 µg/L	15 µg/L	05/26/17	19:36	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-25  
 Sample location: NES\_FB-05  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 12:02  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.31 µg/L	15 µg/L	05/26/17	19:42	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-26  
 Sample location: NES-FB-04  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 12:04  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	3.14 µg/L	15 µg/L	05/26/17	19:47	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-27  
 Sample location: NES-FB-03  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 12:04  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	2.22 µg/L	15 µg/L	05/26/17	19:53	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-28  
 Sample location: NES-FB-02  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 12:05  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	<2.00 µg/L	15 µg/L	05/26/17	19:58	1	2.00 µg/L

Sample description: Drinking Water / 1<sup>st</sup> Draw / DWS5455-29  
 Sample location: NES-FB-01  
 Sampled by: S. Lamond / S. Berta  
 Sample date: 05/13/17  
 Time: 12:06  
 Analyst: B. Moraga

Parameter	Method	Sample Result	NJDEP Limit	Date Analyzed	Time Analyzed	Dilution Factor	Reporting Limit
Lead	SM3113B	4.09 µg/L	15 µg/L	05/26/17	20:09	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

05/13/17  
 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> (30%) pH: 2.2  
 # H<sub>2</sub>SO<sub>4</sub> pH: \_\_\_\_\_  
 # NaOH pH: \_\_\_\_\_  
 # unpreserved \_\_\_\_\_  
 # other \_\_\_\_\_  
 # other \_\_\_\_\_

Customer Name: Nixon Elementary School report to: \_\_\_\_\_  
 Address: 275 Mt. Arlington Blvd  
Landing NJ 07850  
 County/Municipality: \_\_\_\_\_  
 Phone: (973)-398-2564  
 Work: \_\_\_\_\_

**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

Field ID	Lab ID:	Collection		PWSID# NJ			ANALYSIS REQUESTED	Field Analysis	
		Date	Time	Grab	Comp	Matrix			# of Bottles
Field Blank	DW55455	5/13/17	11:37	X		DW	1	NHO3	1st Draw PB 2.00 ug/L 5/26/17 1633 BM
NES-FC-HW by Main Office & Lobby			11:38	X		DW	1	NHO3	1st Draw PB 8.24 ug/L 5/26/17 1655 BM
NES-KO-Kitchen			11:39	X		DW	1	NHO3	1st Draw PB 5.28 ug/L 5/26/17 1701 BM
NES-TL-Teachers Lounge			11:40	X		DW	1	NHO3	1st Draw PB 6.16 / 1707
NES-FC-HW by Gym-01			11:41	X		DW	1	NHO3	1st Draw PB 2.00 / 1712
NES-FC-HW by Gym-02			11:42	X		DW	1	NHO3	1st Draw PB 2.00 / 1718
NES-FB-25			11:42	X		DW	1	NHO3	1st Draw PB 7.23 / 1724
NES-FB-24			11:43	X		DW	1	NHO3	1st Draw PB 2.00 / 1734
NES-FB-23			11:45	X		DW	1	NHO3	1st Draw PB 2.00 / 1735
NES-FB-21		✓	11:46	X		DW	1	NHO3	1st Draw PB 2.00 / 1747

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:
	5/13/17	12:40		5/13/17	12:45
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Scanned: \_\_\_\_\_

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

# CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

Customer Name: Nixon Elementary School	report to:	<b>Agra Environmental Services</b> 90½ West Blackwell Street Dover, NJ 07801 Phone: (973) 989-0010 Fax: (973) 989-0156
Address: 275 Mt. Arlington Blvd Landing NJ 07850		
County/Municipality:		
Phone: (973)-398-2564		
Work:		

Field ID	Lab ID:	Collection		PWSID# NJ			ANALYSIS REQUESTED	Field Analysis	
		Date	Time	Grab	Comp	Matrix			# of Bottles
NES-FB-20	0055455	5/13/17	11:47	X		DW	1	NHO3	1st Draw PB 2.00 ug/L 5/16/17 1752 13M
NES-FB-17		17	11:49	X		DW	1	NHO3	1st Draw PB 2.00 1758
NES-MO-Nurse		17	11:51	X		DW	1	NHO3	1st Draw PB 2.00 1804
NES-FB-18		14	11:51	X		DW	1	NHO3	1st Draw PB 2.56 1804
NES-FB-15		15	11:52	X		DW	1	NHO3	1st Draw PB 2.00 1814
NES-FB-16		16	11:53	X		DW	1	NHO3	1st Draw PB 5.13 1820
NES-FB-14		17	11:54	X		DW	1	NHO3	1st Draw PB 2.00 1825
NES-FB-12		18	11:56	X		DW	1	NHO3	1st Draw PB 5.24 1831
NES-FB-11		19	11:57	X		DW	1	NHO3	1st Draw PB 2.38 1836
NES-FB-10		20	11:57	X		DW	1	NHO3	1st Draw PB 2.00 1858

State Forms Needed (circle one): Yes or No

NJDEP Laboratory Certification (Dover, NJ) #14013

NJDEP Laboratory Certification (Marlboro, NJ) #13033

Reporting Requirements (Check Box):

	NJ	
	Reduced	Other (Specify)

Cooler Temperature Upon Receipt at lab: N/A

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

Relinquished By: <u>[Signature]</u>	Received By: _____	Date: <u>5/13/17</u>	Time: <u>12:40</u>
Relinquished By: _____	Received By: _____	Date: _____	Time: _____
Relinquished By: _____	Received By: _____	Date: _____	Time: _____
Relinquished By: _____	Received By: _____	Date: _____	Time: _____

Scanned \_\_\_\_\_

Date Faxed \_\_\_\_\_

Invoice Number \_\_\_\_\_

Is sample known to be hazardous? (circle one)  
 Yes or No



# CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

Customer Name: Nixon Elementary School  
 Address: 275 Mt. Arlington Blvd  
 Landing NJ 07850  
 County/Municipality:  
 Phone: (973)-398-2564  
 Work:

report to:

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

**Agra**

Matrix Abbreviations: D - Drinking Water G - Groundwater W - Wastewater S - Soil SL - Sludge P - Pool L - Lake		PWSID# NJ		for laboratory use only		Page <u>3</u> of <u>3</u>
Field ID	Lab ID:	Collection	Grab	Comp	Matrix	Field Analysis
		Date	Time	# of Bottles	Preservative	
NES-FB-09	AN551136	5/13/17	11:58	1	NHO3	ANALYSIS REQUESTED
NES-FB-08			11:59	1	NHO3	1st Draw PB 2.34 ug/L 5/12/17 BM
NES-FB-07			12:00	1	NHO3	1st Draw PB 2.12 1926
NES-FB-06			12:01	1	NHO3	1st Draw PB 3.62 1931
NES-FB-05			12:02	1	NHO3	1st Draw PB 3.03 1936
NES-FB-04			12:04	1	NHO3	1st Draw PB 2.31 1942
NES-FB-03			12:04	1	NHO3	1st Draw PB 3.14 1947
NES-FB-02			12:05	1	NHO3	1st Draw PB 2.22 1953
NES-FB-01			12:06	1	NHO3	1st Draw PB 2.00 1958
				1	NHO3	1st Draw PB 4.04 2009
				1	NHO3	1st Draw PB 2009

**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:
	5/13/17	12:40			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Scanned \_\_\_\_\_

Date Faxed \_\_\_\_\_

Invoice Number \_\_\_\_\_

Is sample known to be hazardous? (circle one)  
 Yes or No