

Lead in Drinking Water First Draw Sampling Report

**Nutley High School
Lincoln Elementary School
Radcliffe Elementary School
Spring Garden Elementary School
John Walker Middle School
Washington Elementary School
Yantacaw Elementary School**

Prepared For:

Nutley School District

315 Franklin Avenue
Nutley, NJ 07110

Performed By:

AERO Environmental Services Inc.
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Report Date

June 27, 2022

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June 27, 2022

Mr. Michael Parigi
Facility Manager
Nutley School District
315 Franklin Avenue
Nutley, NJ 07110

Re: Lead in Drinking Water Report - First Draw Sampling

Dear Mr. Parigi

Enclosed is the final report for the Lead in Drinking Water Sampling & Analysis conducted for the Nutley School District. Lead in drinking water sampling was conducted of all active drinking water locations at the following district facilities.

- Nutley High School
- Lincoln Elementary School
- Radcliffe Elementary School
- Spring Garden Elementary School
- John Walker Middle School
- Washington Elementary School
- Yantacaw Elementary School

A total of two hundred-three (203) first draw samples, including field blanks, were collected while at each district facility. All first draw samples were analyzed. All samples were labeled with a unique identification number and transported to EMSL Analytical for analysis for lead in drinking water using EPA Method 200.8

Based on laboratory analysis of all functioning drinking water locations samples analyzed, **zero (0) samples exceeded the action limit.** No remedial action is required. All lead results were below 15 µg/L which is the New Jersey Action Level.

If you have any questions, please contact me at directly at 973-920-9061.

Sincerely,



Michael Berta, CSP, CPEA
AERO Environmental Services Inc.
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1.0 INTRODUCTION

AERO Environmental Services, Inc. was contracted by the Nutley School District to conduct Lead in Drinking Water Sampling at seven (3) district facilities. The water sampling was performed by Michael Berta of AERO Environmental Services Inc. All samples were analyzed by EMSL Analytical Inc. at 200 Route 130 North, Cinnaminson, NJ 08077, a New Jersey certified Lead in Drinking Water testing facility.

The purpose of sampling was to collect first draw drinking water samples from all active drinking water locations within the district and have them analyzed for lead concentration levels.

The initial first draw samples were taken from active drinking water outlets and food preparation outlets throughout the facilities. These samples determine the lead content of water sitting in water outlets that are used for drinking or cooking within each facility.

Lead in water can originate from the outlet fixture or plumbing upstream of the outlet fixture (e.g., pipe, joints, valves, fittings etc.). Lead can also enter a facility through the drinking water system. Sample results are then compared to assist in determining the sources of lead contamination and the appropriate corrective measures.

If initial first draw test results reveal lead concentrations greater than 15 µg/l (ppb) in a 250 mL sample for a given outlet, a follow-up flush testing is required to determine if the lead contamination results are from the fixture or from interior plumbing.

All samples were collected in a 250 mL wide mouth plastic container that was provided by the analytical laboratory. At each sample location, the first draw sample was taken after it was determined that the water had been standing in the plumbing system for greater than eight hours but less than forty-eight hours.

-END OF SECTION-

2.0 SUMMARY OF FINDINGS

First Draw samples were collected and submitted for lead analysis. Table(s) 1 below shows the concentration of lead (parts per billion or microgram per liter) at each active drinking water location sampled. Sampling conducted followed NJDEP protocols, and all samples were submitted to EMSL Analytical under a completed Chain of Custody.

Table 1: Nutley High School

Date	Location Description	Sample Location Code	First Draw Result ug/L (ppb)	Action Ug/L Ppb	Over Limit Yes/No
06/04/22	Kitchen Sink 1	NHS-KO-Kitchen 01	ND	15	No
06/04/22	Kitchen Sink 2	NHS-KO-Kitchen 02	ND	15	No
06/04/22	Cafeteria Chiller	NHS-FC-Café	ND	15	No
06/04/22	Hallway by Room A123 Chiller Left	NHS-FC-HW by A123-01	3.79	15	No
06/04/22	Hallway by Room A123 Chiller Middle	NHS-FC-HW by A123-02	6.11	15	No
06/04/22	Hallway by Room A123 Chiller Right	NHS-FC-HW by A123-03	1.39	15	No
06/04/22	Teacher Lounge	NHS-TL-Teacher Lounge	ND	15	No
06/04/22	Hallway By Rm A124 Chiller Right	NHS-FC-HW by Rm A124-02	ND	15	No
06/04/22	Hallway By Guidance Chiller	NHS-FC-HW by Guidance	ND	15	No
06/04/22	Nurses Office Sink	NHS-MO-Nurse	1.64	15	No
06/04/22	Conference Room Sink	NHS-SO-Conference Room	ND	15	No
06/04/22	Hallway By Rm 102 Fountain Chiller	NHS-FC-HW by Rm 102-01	ND	15	No
06/04/22	Hallway By Rm 102 Fountain Chiller	NHS-FC-HW by Rm 102-02	ND	15	No
06/04/22	Hallway by Rm 101 Chiller	NHS-FC-HW by Rm 101-01	ND	15	No
06/04/22	Hallway by Rm 101 Chiller	NHS-FCBF-HW by Rm 101-02	ND	15	No
06/04/22	Hallway by Rm 101 Bottle Filler	NHS-FCBF-HW by Rm 101-03	ND	15	No
06/04/22	Gym Girls Side Bubbler	NHS-FB-Gym Girls Side	1.20	15	No
06/04/22	Girls Locker Room Bubbler Left	NHS-FB-Girls Locker Rm 01	2.06	15	No
06/04/22	Girls Locker Room Bubbler Right	NHS-FC-Girls Locker Rm 02	2.11	15	No
06/04/22	Team Room Bubbler	NHS-FB-Team Room	3.50	15	No
06/04/22	Rear of Aux Gym Southeast Corner Bubbler	NHS-FB-Rear of Aux Gym Southeast	6.62	15	No
06/04/22	Rear of Aux Gym Southwest Corner Bubbler	NHS-FB-Rear of Aux Gym Southwest	ND	15	No
06/04/22	Rear of Gym Southwest Corner Bubbler	NHS-FB-Rear of Gym Southwest	ND	15	No
06/04/22	Boys Locker Room Bubbler Left	NHS-FB-Boys Locker Rm 01	ND	15	No

06/04/22	Boys Locker Room Bubbler Right	NHS-FB-Boys Locker Rm 02	ND	15	No
06/04/22	Trainers Fountain Chiller	NHS-FC-Trainers	ND	15	No
06/04/22	Trainers Ice Machine	NHS-IM-Trainers	10.1	15	No
06/04/22	Varsity JV Locker Room Bubbler	NHS-FB-Varsity JV Locker Rm	ND	15	No
06/04/22	Weight Room Northeast Corner Chiller	NHS-FC-Weight Room-01	ND	15	No
06/04/22	Weight Room Northeast Corner Bottle Filler	NHS-FC-Weight Room-02	ND	15	No
06/04/22	Hallway by Rm A238 Chiller Left	NHS-FC-HW by A238 01	2.21	15	No
06/04/22	Hallway By Rm A238 Chiller Center	NHS-FC-HW by A238 02	1.45	15	No
06/04/22	Hallway By Rm A238 Chiller Right	NHS-FCBF-HW by A238 03	ND	15	No
06/04/22	Hallway By Rm A238 Bottle Filler Right	NHS-FCBF-HW by A238 04	ND	15	No
06/04/22	Room 225 Home Ec Sink 1	NHS-HE-Rm 225 01	ND	15	No
06/04/22	Room 225 Home Ec Sink 2	NHS-HE-Rm 225 02	ND	15	No
06/04/22	Room 225 Home Ec Sink 3	NHS-HE-Rm 225 03	ND	15	No
06/04/22	Room 225 Home Ec Sink 4	NHS-HE-Rm 225 04	ND	15	No
06/04/22	Room 221 Home Ec Sink 1	NHS-HE-Rm 221 01	ND	15	No
06/04/22	Room 221 Home Ec Sink 2	NHS-HE-Rm 221 02	ND	15	No
06/04/22	Room 221 Home Ec Sink 3	NHS-HE-Rm 221 03	ND	15	No
06/04/22	Room 221 Home Ec Sink 4	NHS-HE-Rm 221 04	ND	15	No
06/04/22	Room 221 Home Ec Sink 5	NHS-HE-Rm 221 05	1.78	15	No
06/04/22	Room 221 Home Ec Sink 6	NHS-HE-Rm 221 06	1.01	15	No
06/04/22	Hallway By Rm 217 Chiller	NHS-FC-HW by Rm 217	ND	15	No
06/04/22	Hallway by Rm 214 Bubbler Left	NHS-FB-HW by Rm 214 01	1.10	15	No
06/04/22	Hallway by Rm 214 Bubbler Right	NHS-FC-HW by Rm 214 02	ND	15	No
06/04/22	Room 214 Sink	NHS-SO-Rm 214	2.37	15	No
06/04/22	Hallway By Rm 203 Bubbler Left	NHS-FB-HW by 203 -01	1.14	15	No
06/04/22	Hallway By Rm 203 Bubbler Right	NHS-FB-HW by 203 -02	ND	15	No
06/04/22	Hallway By Rm A325 Chiller Left	NHS-FC-HW by Rm A325 01	ND	15	No
06/04/22	Hallway By Rm A325 Chiller Center	NHS-FC-HW by Rm A325 02	ND	15	No
06/04/22	Hallway By Rm A325 Chiller Right	NHS-FC-HW by Rm A325 03	ND	15	No
06/04/22	Hallway By Rm 315	NHS-FC-HW by Rm 315	ND	15	No
06/04/22	Field Blank	NHS-Blank	ND	15	No

Table 1: Lincoln Elementary School

Date	Location Description	Sample Location Code	First Draw Result ug/L (ppb)	Action ug/L Ppb	Over Limit Yes/No
06/04/22	Hallway By Room B2 Chiller Left	LES-FC-HW by Rm B2 01	ND	15	No
06/04/22	Hallway By Room B2 Chiller Right	LES-FCBF-HW by Rm B2 02	ND	15	No
06/04/22	Hallway By Room B2 Bottle Filler Right	LES-FCBF-HW by Rm B2 03	ND	15	No
06/04/22	Teachers' Lounge Sink	LES-TL-Teachers' Lounge	1.46	15	No
06/04/22	Cafeteria Sink Left	LES-KO-Cafeteria 01	ND	15	No
06/04/22	Cafeteria Sink Dual Right	LES-KO-Cafeteria 02	ND	15	No
06/04/22	Hallway By Cafeteria Chiller Left	LES-FC-HW by Cafeteria 01	ND	15	No
06/04/22	Hallway by Cafeteria chiller Right	LES-FCBF-HW by Cafeteria 02	ND	15	No
06/04/22	Hallway by Cafeteria Bottle Filler Right	LES-FCBF-HW by Cafeteria 03	ND	15	No
06/04/22	Nurse Sink	LES-MO-Nurse	10.2	15	No
06/04/22	Room B10 Sink	LES-SO-Rm B10	2.07	15	No
06/04/22	Hallway By Room B10 Chiller	LES-FC-HW by Rm B10	2.18	15	No
06/04/22	Room B12	LES-FB-Rm B12	11.2	15	No
06/04/22	Room B12 Sink	LES-SO-Rm B12	6.81	15	No
06/04/22	Room B11 Sink	LES-SO-Rm B11-01	12.0	15	No
06/04/22	Room B11 Sink	LES-SO-Rm B11-02	ND	15	No
06/04/22	Hallway By Room 102 Chiller	LES-FCBF-HW by Rm 102-02	ND	15	No
06/04/22	Hallway By Room 102 Bottle Filler	LES-FCBF-HW by Rm 102-03	ND	15	No
06/04/22	Hallway By Room 105 Chiller	LES-FCBF-HW by Rm 105-01	ND	15	No
06/04/22	Hallway By Room 105 Bottle Filler	LES-FCBF-HW by Rm 105-02	ND	15	No
06/04/22	Hallway By Room 112 Chiller	LES-FC-HW by Rm 112	ND	15	No
06/04/22	Room 109A Sink	LES-SO-Rm 109A	ND	15	No
06/04/22	Hallway By Room 202 Chiller	LES-FC-HW by Rm 202-01	ND	15	No
06/04/22	Hallway By Room 202 Chiller	LES-FC-HW by Rm 202-02	ND	15	No
06/04/22	Hallway By Room 205 Chiller	LES-FC-HW by Rm 205-01	ND	15	No
06/04/22	Hallway By Room 205 Bottler Filler	LES-FC-HW by Rm 205-02	ND	15	No
06/04/22	Hallway By Room 211 Chiller	LES-FC-HW by Rm 211	ND	15	No
06/04/22	Field Blank	LES-Blank	ND	15	No

Table 1: Radcliffe Elementary School

Date	Location Description	Sample Location Code	First Draw Result ug/L (ppb)	Action Ug/L ppb	Over Limit Yes/No
06/04/22	Nurses Office Sink	RES-MO-Nurse	4.92	15	No
06/04/22	Teachers' Lounge Sink	RES-TL-Teachers' Lounge	ND	15	No
06/04/22	Hallway By Rm 105 Chiller Left	RES-FC-HW by Rm 105 01	ND	15	No
06/04/22	Hallway By Rm 105 Chiller Right	RES-FCBF-HW by Rm 105 02	ND	15	No
06/04/22	Hallway By Rm 105 Bottle Filler Right	RES-FCBF-HW by Rm 105 03	ND	15	No
06/04/22	Room Principal Sink	RES-SO-Principal	11.1	15	No
06/04/22	Room 106 Sink	RES-SO- Rm 106	4.70	15	No
06/04/22	Room 105 Sink 1	RES-SO-Rm 105-01	10.9	15	No
06/04/22	Room 105 Sink 1	RES-SO-Rm 105-02	7.83	15	No
06/04/22	Room 105 Fountain Bubbler	RES-FB-Rm 105	4.93	15	No
06/04/22	Room 107 Sink	RES-SO-Rm 107	11.6	15	No
06/04/22	Room 107 Fountain Bubbler	RES-FB-Rm 107	5.60	15	No
06/04/22	Room 108 Fountain Bubbler	RES-FB-Rm 108	4.18	15	No
06/04/22	Room 108 Sink	RES-SO-Rm 108	9.97	15	No
06/04/22	Room 110 Sink	RES-SO-Rm 110	4.65	15	No
06/04/22	Room 109 Fountain Bubbler	RES-FB-Rm 109	ND	15	No
06/04/22	Room 109 Sink	RES-SO-Rm 109	ND	15	No
06/04/22	Room Copy Rm Sink	RES-SO-Copy Rm	ND	15	No
06/04/22	Room 201 Fountain Bubbler	RES-FB-Rm 201	1.43	15	No
06/04/22	Room 201 Sink	RES-SO-Rm 201	3.33	15	No
06/04/22	Room 202 Fountain Bubbler	RES-FB-Rm 202	5.70	15	No
06/04/22	Room 202 Sink	RES-SO-Rm 202	7.53	15	No
06/04/22	Room 205 Fountain Bubbler	RES-FB-Rm 205	1.47	15	No
06/04/22	Room 205 Sink	RES-SO-Rm 205	1.06	15	No
06/04/22	Room 204 Sink	RES-SO-Rm 204	1.53	15	No
06/04/22	Room 206 Sink	RES-SO-Rm 206	1.02	15	No
06/04/22	Room 212 Sink	RES-SO-Rm 212	2.66	15	No
06/04/22	Room 209 Fountain Bubbler	RES-FB-Rm 209	ND	15	No
06/04/22	Room 209 Sink	RES-SO-Rm 209	11.9	15	No
06/04/22	Room 214 Sink	RES-SO-Rm 214	ND	15	No
06/04/22	Field Blank	RES-Blank	ND	15	No

Table 1: Spring Garden Elementary School

Date	Location Description	Sample Location Code	First Draw Result ug/L (ppb)	Action Ug/L ppb	Over Limit Yes/No
06/04/22	Room B5 Kitchen Sink	SGS-KO- Rm B5	3.38	15	No
06/04/22	Hallway By Teachers Room Chiller	SGS-FC-HW By Teachers Rm-01	1.07	15	No
06/04/22	Teachers Room Sink	SGS-TL-Teachers Room	1.86	15	No
06/04/22	Hallway By Room B3 Chiller	SGS-FC-HW By Rm B3-01	1.71	15	No
06/04/22	Hallway By Room B3 Chiller	SGS-FC-HW By Rm B3-02	1.89	15	No
06/04/22	Room B4A Sink	SGS-SO-Rm B4A	1.02	15	No
06/04/22	Room B2 Fountain Bubbler	SGS-FB-Rm B2	10.3	15	No
06/04/22	Room 134 Fountain Chiller	SGS-FCBF-Rm 134-01	ND	15	No
06/04/22	Room 134 Bottle Filler	SGS-FCBF-Rm 134-02	ND	15	No
06/04/22	Hallway By Room 107 Chiller	SGS-FC-HW by Rm 107-01	ND	15	No
06/04/22	Hallway By Room 107 Bottle Filler	SGS-FCBF-HW by Rm 107-03	ND	15	No
06/04/22	Hallway By Main Office Chiller	SGS-FC-HW by Main Office	ND	15	No
06/04/22	Nurse Bathroom Sink	SGS-MO-Nurse Bathroom	ND	15	No
06/04/22	Hallway By Room 209 Chiller	SGS-FC-HW by Rm 209	ND	15	No
06/04/22	Hallway By Room 204 Chiller	SGS-FC-HW by Rm 204-01	ND	15	No
06/04/22	Hallway By Room 205 Chiller	SGS-FCBF-HW by Rm 204-02	ND	15	No
06/04/22	Hallway By Room 205 Bottle Filler	SGS-FCBF-HW by Rm 204-03	ND	15	No
06/04/22	Teachers Room Sink	SGS-TL-Teachers Room	ND	15	No
06/04/22	Field Blank	SGS-Blank	ND	15	No

Table 1: John Walker Middle School

Date	Location Description	Sample Location Code	First Draw Result ug/L (ppb)	Action ug/L ppb	Over Limit Yes/No
06/04/22	Board Office Sink Kitchen	NMS-SO-Board Office-01	ND	15	No
06/04/22	Board Office Sink Conf	NMS-SO-Board Office-02	ND	15	No
06/04/22	Hallway By Room 101 Chiller Left	NMS-FC-HW by Rm 101-01	ND	15	No
06/04/22	Hallway by Room 101 Bottle Filler Right	NMS-BF-HW by Rm 101-02	ND	15	No
06/04/22	Main Office Sink	NMS-SO-Main Office	1.33	15	No
06/04/22	Room 115 Kitchen Triple Sink Left	NMS-KO-Rm 115 Kitchen Triple -01	ND	15	No
06/04/22	Room 115 Kitchen Triple Sink Right	NMS-KO-Rm 115 Kitchen Triple -02	1.08	15	No
06/04/22	Room 115 Kitchen Small Sink	NMS-KO-Rm 115 Kitchen Small-03	ND	15	No
06/04/22	Room 115 Kitchen Small Prep Sink	NMS-KO-Rm 115 Kitchen Small Prep Sink-04	ND	15	No
06/04/22	Room 115 Kitchen Large Prep Sink	NMS-KO-Rm 115 Kitchen Large Prep Sink-05	ND	15	No
06/04/22	Kitchen Ice Machine	NMS-IM-Kitchen	ND	15	No
06/04/22	Rm 122 Teachers Lounge	NMS-TL-Teachers' Lounge	ND	15	No
06/04/22	Nurses Office Sink 1	NMS-MO-Nurse 01	ND	15	No
06/04/22	Nurse Office Sink	NMS-FB-Nurse-02	3.50	15	No
06/04/22	Hallway By Room 107 Chiller Left	NMS-FC-HW by Rm 107 01	ND	15	No
06/04/22	Hallway By Room 107 Bottle Filler Right	NMS-FC-HW by Rm 107 02	ND	15	No
06/04/22	Hallway By Room 201 Chiller Left	NMS-FC-HW by Rm 201 01	ND	15	No
06/04/22	Hallway By Room 201 Chiller Right	NMS-FC-HW by Rm 201 02	ND	15	No
06/04/22	Hallway By Gym Chiller Left	NMS-FC-HW by Gym 01	ND	15	No
06/04/22	Hallway By Gym Chiller Right	NMS-FC-HW by Gym 02	ND	15	No
06/04/22	Room 225 Boys Locker Room Chiller	NMS-FC-Rm 225	ND	15	No
06/04/22	Room 224 Girls Locker Room Chiller	NMS-FC-Rm 224	ND	15	No
06/04/22	Room 211 Sink	NMS-SO-Rm 211	6.38	15	No
06/04/22	Hallway By Room 209 Chiller Left	NMS-FC-HW by Rm 209 01	ND	15	No
06/04/22	Hallway By Room 209 Bottle Filler Right	NMS-BF-HW by Rm 209 02	ND	15	No

06/04/22	Hallway By Room 310 Chiller Left	NMS-FC-HW by Rm 310 01	ND	15	No
06/04/22	Hallway By Room 310 Chiller Right	NMS-FC-HW by Rm 310 02	ND	15	No
06/04/22	Hallway By Room 301 Chiller Left	NMS-FC-HW by Rm 301 01	ND	15	No
06/04/22	Hallway By Room 301 Chiller Right	NMS-BF-HW by Rm 301 02	1.10	15	No
06/04/22	Field Blank	NMS-Blank	ND	15	No

Table 1: Washington Elementary School

Date	Location Description	Sample Location Code	First Draw Result (ppb)	Action Ppb	Over Limit Yes/No
06/04/22	Kitchen Sink	WES-KO-Kitchen	2.12	15	No
06/04/22	Room B1 Fountain Bubbler	WES-FB-Room B1	ND	15	No
06/04/22	Room B5 Fountain Bubbler	WES-FB-Rm B5	5.32	15	No
06/04/22	Hallway By Stage Chiller	WES-FCBF-HW by Stage-01	ND	15	No
06/04/22	Hallway By Stage Bottle Filler	WES-FCBF-HW by Stage-02	ND	15	No
06/04/22	Hallway By Stage Chiller	WES-FC-HW by Stage-03	ND	15	No
06/04/22	Room B8 Sink	WES-SO-Rm B8	2.21	15	No
06/04/22	Hallway By Room B6 Chiller Left	WES-FC-HW by Rm B6 01	ND	15	No
06/04/22	Hallway By Room B6 Chiller Right	WES-FCBF-HW by Rm B6 02	ND	15	No
06/04/22	Hallway By Room B6 Bottle Filler Right	WES-FCBF-HW by Rm B6 03	ND	15	No
06/04/22	Nurse Sink	WES-MO-Nurse	ND	15	No
06/04/22	Room 109 Sink	WES-SO-Rm 109	1.98	15	No
06/04/22	Hallway By Room 105 Chiller	WES-FC-HW by Rm 105-01	ND	15	No
06/04/22	Hallway By Room 105 Chiller	WES-FCBF-HW by Rm 105-02	ND	15	No
06/04/22	Hallway By Room 105 Chiller	WES-FCBF-HW by Rm 105-03	ND	15	No
06/04/22	Hallway By Room 108 Chiller	WES-FC-HW by Rm 108-01	ND	15	No
06/04/22	Hallway By Room 108 Chiller	WES-FCBF-HW by Rm 108-02	ND	15	No
06/04/22	Hallway By Room 108 Bottle Filler	WES-FCBF-HW by Rm 108-03	ND	15	No
06/04/22	Room 106 Sink	WES-SO-Rm 106	3.48	15	No
06/04/22	Hallway By Room 205	WES-FC-HW by Rm 205-01	ND	15	No
06/04/22	Hallway By Room 205 Chiller	WES-FCBF-HW by Rm 205-02	ND	15	No
06/04/22	Hallway By Room 205 Bottle Filler	WES-FCBF-HW by Rm 205-03	ND	15	No
06/04/22	Hallway By Room 210	WES-FC-HW by Rm 210-01	ND	15	No
06/04/22	Hallway By Room 210 Chiller	WES-FCBF-HW by Rm 210-02	ND	15	No
06/04/22	Hallway By Room 210 Bottle Filler	WES-FCBF-HW by Rm 210-03	ND	15	No
06/04/22	Field Blank	WES-Blank	ND	15	No

Table 1: Yantacaw Elementary School

Date	Location Description	Sample Location Code	First Draw Result (ppb)	Action Ppb	Over Limit Yes/No
06/04/22	Hallway By Auditorium Chiller Left	YES-FC-HW by Auditorium 01	ND	15	No
06/04/22	Hallway By Auditorium Chiller Right	YES-FCBF-HW By Auditorium 02	ND	15	No
06/04/22	Hallway By Auditorium Bottle Filler Right	YES-FCBF-HW By Auditorium 03	ND	15	No
06/04/22	Room 103 Sink	YES-KO-Rm 103	11.9	15	No
06/04/22	Room 102 Sink	YES-SO-Rm 102	2.37	15	No
06/04/22	Hallway by Room 206 Chiller Right	YES-FCBF-HW by Rm 206 02	ND	15	No
06/04/22	Hallway by Room 206 Bottle Filler Right	YES-FCBF-HW by Rm 206 03	ND	15	No
06/04/22	Room 204 Sink Left	YES-FB-Rm 204-01	ND	15	No
06/04/22	Room 204 Sink Right	YES-SO-Rm 204 02	ND	15	No
06/04/22	Nurse Sink	YES-MO-Nurse	ND	15	No
06/04/22	Teachers Room Sink	YES-TL-Teachers' Lounge	8.14	15	No
06/04/22	Hallway by Room 311 Chiller Left	YES-FC-HW by Rm 311 01	ND	15	No
06/04/22	Hallway by Room 311 Chiller Right	YES-FCBF-HW by Rm 311 02	ND	15	No
06/04/22	Hallway by Room 311 Bottle Filler Right	YES-FCBF-HW by Rm 311 03	ND	15	No
06/04/22	Field Blank	YES-Blank	ND	15	No

3.0 SAMPLING AND ANALYSES

The following guidance documents were followed for all sampling:

1. N.J.A.C. 6A:26-12.4 Safe Drinking Water
2. The EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools"
3. Guidance Document from NJDEP Division of Water Supply and Geoscience – "Lead in Drinking Water: Guidance for Schools and Child Care Facilities Served by Public Water."

Two Hundred Three first draw samples, including field blanks were collected while at each facility. All first draw samples were analyzed.

All samples were labeled with a unique identification number and transported to EMSL Analytical for analysis for lead in drinking water using EPA Method 200.8.

4.0 CONCLUSION

- Based on laboratory analysis of the samples analyzed, zero (0) samples exceeded the action limit.
- No remedial action is required.
- All lead results were below the 15 µg/L New Jersey Action Level.

APPENDIX 1

Nutley High School

LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY



EMSL Analytical, Inc.

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Succasunna, NJ 07876

6/17/2022

Phone: (973) 920-9061

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The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/9/2022. The results are tabulated on the attached data pages for the following client designated project:

Nutley High School DW 1st Draw

The reference number for these samples is EMSL Order #012209075. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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 Received: 6/8/2022 12:00 PM

Project: **Nutley High School DW 1st Draw****Analytical Results**

Client Sample Description NHS-KO-Kitchen-01 **Collected:** 6/4/2022 2 6:45:00 AM **Lab ID:** 012209075-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:25

Client Sample Description NHS-KO-Kitchen-02 **Collected:** 6/4/2022 2 6:46:00 AM **Lab ID:** 012209075-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:32

Client Sample Description NHS-FC-Cafe **Collected:** 6/4/2022 2 6:47:00 AM **Lab ID:** 012209075-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:35

Client Sample Description NHS-FC-HW by A123-01 **Collected:** 6/4/2022 2 6:54:59 AM **Lab ID:** 012209075-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.79	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:38

Client Sample Description NHS-FC-HW by A123-02 **Collected:** 6/4/2022 2 6:55:59 AM **Lab ID:** 012209075-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	6.11	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:40

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Project: **Nutley High School DW 1st Draw****Analytical Results**

Client Sample Description NHS-FC-HW by A123-03 **Collected:** 6/4/2022 2 6:56:59 AM **Lab ID:** 012209075-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.39	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:47

Client Sample Description NHS-TL-Teachers Lounge **Collected:** 6/4/2022 2 7:01:59 AM **Lab ID:** 012209075-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:49

Client Sample Description NHS-FC-HW by Rm A124-02 **Collected:** 6/4/2022 2 7:02:59 AM **Lab ID:** 012209075-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:51

Client Sample Description NHS-FC-HW by Guidance **Collected:** 6/4/2022 2 7:05:59 AM **Lab ID:** 012209075-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:54

Client Sample Description NHS-MO-Nurse **Collected:** 6/4/2022 2 7:06:59 AM **Lab ID:** 012209075-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.64	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:56

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Project: **Nutley High School DW 1st Draw****Analytical Results**

Client Sample Description NHS-SO-Conference Room **Collected:** 6/4/2022 2 7:07:59 AM **Lab ID:** 012209075-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 20:58

Client Sample Description NHS-FC-HW by Rm 102-01 **Collected:** 6/4/2022 2 7:10:59 AM **Lab ID:** 012209075-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:05

Client Sample Description NHS-FC-HW by Rm 102-02 **Collected:** 6/4/2022 2 7:11:59 AM **Lab ID:** 012209075-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:07

Client Sample Description NHS-FC-HW by Rm 101-01 **Collected:** 6/4/2022 2 7:12:59 AM **Lab ID:** 012209075-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:14

Client Sample Description NHS-FCBF-HW by Rm 101-02 **Collected:** 6/4/2022 2 7:13:59 AM **Lab ID:** 012209075-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:16

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Analytical Results

Client Sample Description NHS-FCBF-HW by Rm 101-03 **Collected:** 6/4/2022 2 7:14:59 AM **Lab ID:** 012209075-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:19

Client Sample Description NHS-FB-Gym Girls Side **Collected:** 6/4/2022 2 7:15:59 AM **Lab ID:** 012209075-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.20	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:21

Client Sample Description NHS-FB-Girls Locker Rm-01 **Collected:** 6/4/2022 2 7:16:59 AM **Lab ID:** 012209075-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.06	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:23

Client Sample Description NHS-FC-Girls Locker Rm-02 **Collected:** 6/4/2022 2 7:17:59 AM **Lab ID:** 012209075-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.11	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:26

Client Sample Description NHS-FB-Team Room **Collected:** 6/4/2022 2 7:25:59 AM **Lab ID:** 012209075-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.50	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:28

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Project: **Nutley High School DW 1st Draw****Analytical Results**

Client Sample Description NHS-FB-Rear of Aux Gym South East **Collected:** 6/4/2022 2 7:27:59 AM **Lab ID:** 012209075-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	6.62	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 07:54

Client Sample Description NHS-FB-Rear of Gym South West **Collected:** 6/4/2022 2 7:27:59 AM **Lab ID:** 012209075-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 07:59

Client Sample Description NHS-FB-Boys Locker Rm-01 **Collected:** 6/4/2022 2 7:34:59 AM **Lab ID:** 012209075-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:01

Client Sample Description NHS-FB-Boys Locker Rm-02 **Collected:** 6/4/2022 2 7:35:59 AM **Lab ID:** 012209075-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:02

Client Sample Description NHS-FC-Trainers **Collected:** 6/4/2022 2 7:42:59 AM **Lab ID:** 012209075-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:04

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Client Sample Description NHS-IM-Trainers **Collected:** 6/4/2022 2 7:43:59 AM **Lab ID:** 012209075-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	10.1	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:05

Client Sample Description NHS-FB-Varsity JV Locker Rm **Collected:** 6/4/2022 2 7:47:59 AM **Lab ID:** 012209075-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:07

Client Sample Description NHS-FC-Weight Room-01 **Collected:** 6/4/2022 2 7:48:59 AM **Lab ID:** 012209075-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:11

Client Sample Description NHS-FC-Weight Room-02 **Collected:** 6/4/2022 2 7:49:59 AM **Lab ID:** 012209075-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:13

Client Sample Description NHS-FC-HW by A238-01 **Collected:** 6/4/2022 2 8:00:59 AM **Lab ID:** 012209075-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.21	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:15

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Project: Nutley High School DW 1st Draw

Analytical Results

Client Sample Description NHS-FC-HW by A238-02 **Collected:** 6/4/2022 2 8:01:59 AM **Lab ID:** 012209075-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.45	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:16

Client Sample Description NHS-FCBF-HW by A238-03 **Collected:** 6/4/2022 2 8:02:59 AM **Lab ID:** 012209075-0032

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:21

Client Sample Description NHS-FCBF-HW by A238-04 **Collected:** 6/4/2022 2 8:04:59 AM **Lab ID:** 012209075-0033

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:22

Client Sample Description NHS-HE-Rm 225-01 **Collected:** 6/4/2022 2 8:07:59 AM **Lab ID:** 012209075-0034

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:24

Client Sample Description NHS-HE-Rm 225-02 **Collected:** 6/4/2022 2 8:08:59 AM **Lab ID:** 012209075-0035

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:25

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Client Sample Description NHS-HE-Rm 225-03 **Collected:** 6/4/2022 2 8:09:59 AM **Lab ID:** 012209075-0036

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:30

Client Sample Description NHS-HE-Rm 225-04 **Collected:** 6/4/2022 2 8:10:59 AM **Lab ID:** 012209075-0037

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:32

Client Sample Description NHS-HE-Rm 221-01 **Collected:** 6/4/2022 2 8:12:59 AM **Lab ID:** 012209075-0038

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:33

Client Sample Description NHS-HE-Rm 221-02 **Collected:** 6/4/2022 2 8:13:59 AM **Lab ID:** 012209075-0039

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:35

Client Sample Description NHS-HE-Rm 221-03 **Collected:** 6/4/2022 2 8:14:59 AM **Lab ID:** 012209075-0040

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:36

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Project: Nutley High School DW 1st Draw

Analytical Results

Client Sample Description NHS-HE-Rm 221-04 **Collected:** 6/4/2022 2 8:15:59 AM **Lab ID:** 012209075-0041

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:12

Client Sample Description NHS-HE-Rm 221-05 **Collected:** 6/4/2022 2 8:16:59 AM **Lab ID:** 012209075-0042

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.78	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:17

Client Sample Description NHS-HE-Rm 221-06 **Collected:** 6/4/2022 2 8:17:59 AM **Lab ID:** 012209075-0043

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.01	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:18

Client Sample Description NHS-FC-HW by Rm 217 **Collected:** 6/4/2022 2 8:18:59 AM **Lab ID:** 012209075-0044

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:20

Client Sample Description NHS-FC-HW by Rm 214-01 **Collected:** 6/4/2022 2 8:19:59 AM **Lab ID:** 012209075-0045

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.10	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:21

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Client Sample Description NHS-FC-HW by Rm 214-02 **Collected:** 6/4/2022 2 8:20:59 AM **Lab ID:** 012209075-0046

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:23

Client Sample Description NHS-SO-Rm 214 **Collected:** 6/4/2022 2 8:21:59 AM **Lab ID:** 012209075-0047

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.37	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:24

Client Sample Description NHS-FB-HW by Rm 203-01 **Collected:** 6/4/2022 2 8:25:59 AM **Lab ID:** 012209075-0048

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.14	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:26

Client Sample Description NHS-FB-HW by Rm 203-02 **Collected:** 6/4/2022 2 8:26:59 AM **Lab ID:** 012209075-0049

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:31

Client Sample Description NHS-FC-HW by Rm A325-01 **Collected:** 6/4/2022 2 8:30:59 AM **Lab ID:** 012209075-0050

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:32

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 Received: 6/8/2022 12:00 PM

Project: **Nutley High School DW 1st Draw****Analytical Results**

Client Sample Description NHS-FC-HW by Rm A325-02 **Collected:** 6/4/2022 2 8:31:59 AM **Lab ID:** 012209075-0051

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:34

Client Sample Description NHS-FC-HW by Rm A325-03 **Collected:** 6/4/2022 2 8:33:59 AM **Lab ID:** 012209075-0052

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:38

Client Sample Description NHS-FC-HW by Rm 315 **Collected:** 6/4/2022 2 8:35:59 AM **Lab ID:** 012209075-0053

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:40

Client Sample Description NHS-BLANK **Collected:** 6/4/2022 2 8:38:59 AM **Lab ID:** 012209075-0054

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 02:41

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



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3ED7-7WG3-TW9P

Client Information
AERO Environmental Services, Inc
Succasunna, NJ

Project Overview
PO Number
Project Name
Project ID
Client
Special Instructions
Bill To
Report to Contact
Report to Email

Nutley High School DW 1st Draw
Aero Environmental Services Inc
aero50
Michael Berta
Mberta@aeroenvironmental.net

Project Site
Building
Type
Address 1
Address 2
City
State
Country

School or Day Care Center
300 Franklin Avenue
Nutley
NJ
US

Testing Laboratory
EMSL Analytical
200 Route 130 North
Cinnaminson, NJ

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAI	pH	Preservative	Additional Tests	Notes
NHS-KO-Kitchen-01		Jun 04, 2022 6:45 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-KO-Kitchen-02		Jun 04, 2022 6:46 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FC-Cafe		Jun 04, 2022 6:47 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FC-HW by A123-01		Jun 04, 2022 6:54 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FC-HW by A123-02		Jun 04, 2022 6:55 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FC-HW by A123-03		Jun 04, 2022 6:56 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-TL-Teachers Lounge		Jun 04, 2022 7:01 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FC-HW by Rm A124-02		Jun 04, 2022 7:02 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FC-HW by Guidance		Jun 04, 2022 7:05 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-MO-Nurse		Jun 04, 2022 7:06 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-SO-Conference Room		Jun 04, 2022 7:07 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FC-HW by Rm 102-01		Jun 04, 2022 7:10 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

HN03 added 6/8/22 @ 4:39 PM

after Berta (W)

6/8/22 12:00pm



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3ED7-7WG3-TW9P

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
28	NHS-FC-Weight Room-01	Jun 04, 2022 7:48 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
29	NHS-FC-Weight Room-02	Jun 04, 2022 7:49 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
30	NHS-FC-HW by A238-01	Jun 04, 2022 8:00 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
31	NHS-FC-HW by A238-02	Jun 04, 2022 8:01 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
32	NHS-FCBF-HW by A238-03	Jun 04, 2022 8:02 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
33	NHS-FCBF-HW by A238-04	Jun 04, 2022 8:04 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
34	NHS-HE-Rm 225-01	Jun 04, 2022 8:07 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
35	NHS-HE-Rm 225-02	Jun 04, 2022 8:08 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
36	NHS-HE-Rm 225-03	Jun 04, 2022 8:09 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
37	NHS-HE-Rm 225-04	Jun 04, 2022 8:10 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
38	NHS-HE-Rm 221-01	Jun 04, 2022 8:12 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
39	NHS-HE-Rm 221-02	Jun 04, 2022 8:13 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
40	NHS-HE-Rm 221-03	Jun 04, 2022 8:14 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
41	NHS-HE-Rm 221-04	Jun 04, 2022 8:15 AM	1000 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
42	NHS-HE-Rm 221-05	Jun 04, 2022 8:16 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				



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3ED7-7WG3-TW9P



Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
43 NHS-HE-Rm 221-06		Jun 04, 2022 8:17 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
44 NHS-FC-HW by Rm 217		Jun 04, 2022 8:18 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
45 NHS-FC-HW by Rm 214-01		Jun 04, 2022 8:19 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
46 NHS-FC-HW by Rm 214-02		Jun 04, 2022 8:20 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
47 NHS-SO-Rm 214		Jun 04, 2022 8:21 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
48 NHS-FB-HW by Rm 203-01		Jun 04, 2022 8:25 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
49 NHS-FB-HW by Rm 203-02		Jun 04, 2022 8:26 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
50 NHS-FC-HW by Rm A325-01		Jun 04, 2022 8:30 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
51 NHS-FC-HW by Rm A325-02		Jun 04, 2022 8:31 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
52 NHS-FC-HW by Rm A325-03		Jun 04, 2022 8:33 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
53 NHS-FC-HW by Rm 315		Jun 04, 2022 8:35 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
54 NHS-BLANK		Jun 04, 2022 8:38 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

Sampled By / Date

Jun 08, 2022

Relinquished By / Date

Jun 08, 2022

Received (Lab) / Date

Hand Sampled by JT 6-8-22 12:00pm



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012209075



3ED7-7WG3-TW9P

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
NHS-FC-HW by Rm 102-02		Jun 04, 2022 7:11 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FC-HW by Rm 101-01		Jun 04, 2022 7:12 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FCBF-HW by Rm 101-02		Jun 04, 2022 7:13 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FCBF-HW by Rm 101-03		Jun 04, 2022 7:14 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FB-Gym Girls Side		Jun 04, 2022 7:15 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FB-Girls Locker Rm-01		Jun 04, 2022 7:16 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FC-Girls Locker Rm-02		Jun 04, 2022 7:17 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FB-Team Room		Jun 04, 2022 7:25 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FB-Rear of Aux Gym South East		Jun 04, 2022 7:27 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FB-Rear of Gym South West		Jun 04, 2022 7:27 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FB-Boys Locker Rm-01		Jun 04, 2022 7:34 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FB-Boys Locker Rm-02		Jun 04, 2022 7:35 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FC-Trainers		Jun 04, 2022 7:42 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-IM-Trainers		Jun 04, 2022 7:43 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NHS-FB-Varsity JV Locker Rm		Jun 04, 2022 7:47 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

APPENDIX 2

Lincoln Elementary School

LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Michael Berta
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

6/16/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/9/2022. The results are tabulated on the attached data pages for the following client designated project:

Nutley Lincoln Elementary School DW 1st Draw

The reference number for these samples is EMSL Order #012209080. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209080

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: Nutley Lincoln Elementary School DW 1st Draw

Analytical Results

Client Sample Description LES-FH-HW by Rm B2-01 **Collected:** 6/4/2022 12:21:57 PM **Lab ID:** 012209080-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:42

Client Sample Description LES-FCBF-HW by Rm B2-02 **Collected:** 6/4/2022 12:22:57 PM **Lab ID:** 012209080-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:48

Client Sample Description LES-FCBF-HW by Rm B2-03 **Collected:** 6/4/2022 12:23:57 PM **Lab ID:** 012209080-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:51

Client Sample Description LES-TL-Teachers Lounge **Collected:** 6/4/2022 12:24:57 PM **Lab ID:** 012209080-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.46	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:53

Client Sample Description LES-KO Cafeteria-01 **Collected:** 6/4/2022 12:25:57 PM **Lab ID:** 012209080-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 21:55

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Succasunna, NJ 07876

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 Received: 6/8/2022 12:00 PM

Project: Nutley Lincoln Elementary School DW 1st Draw

Analytical Results

Client Sample Description LES-KO-Cafeteria-02 **Collected:** 6/4/2022 12:26:57 PM **Lab ID:** 012209080-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:02

Client Sample Description LES-FC-HW by Cafeteria-01 **Collected:** 6/4/2022 12:27:57 PM **Lab ID:** 012209080-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:04

Client Sample Description LES-FCBF-HW by Cafeteria-02 **Collected:** 6/4/2022 12:28:57 PM **Lab ID:** 012209080-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:07

Client Sample Description LES-FCBF-HW by Cafeteria-03 **Collected:** 6/4/2022 12:29:57 PM **Lab ID:** 012209080-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:09

Client Sample Description LES-MO-Nurse **Collected:** 6/4/2022 12:30:57 PM **Lab ID:** 012209080-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	10.2	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:11

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 Received: 6/8/2022 12:00 PM

Project: Nutley Lincoln Elementary School DW 1st Draw

Analytical Results

Client Sample Description LES-SO-Rm B10 **Collected:** 6/4/2022 12:31:57 PM **Lab ID:** 012209080-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.07	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:14

Client Sample Description LES-FC-HW by Rm B10 **Collected:** 6/4/2022 12:32:57 PM **Lab ID:** 012209080-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.18	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:20

Client Sample Description LES-FB-Rm B12 **Collected:** 6/4/2022 12:40:57 PM **Lab ID:** 012209080-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	11.2	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:23

Client Sample Description LES-SO-Rm B12 **Collected:** 6/4/2022 12:41:57 PM **Lab ID:** 012209080-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	6.81	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:30

Client Sample Description LES-SO-Rm B11-01 **Collected:** 6/4/2022 12:42:57 PM **Lab ID:** 012209080-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	12.0	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:32

**EMSL Analytical, Inc.**

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 Received: 6/8/2022 12:00 PM

Project: Nutley Lincoln Elementary School DW 1st Draw

Analytical Results

Client Sample Description LES-SO-Rm B11-02 **Collected:** 6/4/2022 12:43:57 PM **Lab ID:** 012209080-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:34

Client Sample Description LES-FCBF-HW by Rm 102-02 **Collected:** 6/4/2022 12:47:57 PM **Lab ID:** 012209080-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:36

Client Sample Description LES-FCBF-HW by Rm 102-03 **Collected:** 6/4/2022 12:48:57 PM **Lab ID:** 012209080-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:39

Client Sample Description LES-FCBF-HW by Rm 105-01 **Collected:** 6/4/2022 12:53:57 PM **Lab ID:** 012209080-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:41

Client Sample Description LES-FCBF-HW by Rm 105-02 **Collected:** 6/4/2022 12:54:57 PM **Lab ID:** 012209080-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 JW	6/14/2022 JW 22:43

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Project: Nutley Lincoln Elementary School DW 1st Draw

Analytical Results

Client Sample Description LES-FC-HW by Rm 112 **Collected:** 6/4/2022 12:57:57 PM **Lab ID:** 012209080-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/14/2022 JW 00:31

Client Sample Description LES-SO-Rm 109A **Collected:** 6/4/2022 12:58:57 PM **Lab ID:** 012209080-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/14/2022 JW 00:38

Client Sample Description LES-FC-HW by Rm 202-01 **Collected:** 6/4/2022 2 1:01:57 PM **Lab ID:** 012209080-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/14/2022 JW 00:40

Client Sample Description LES-FC-HW by Rm 202-02 **Collected:** 6/4/2022 2 1:02:57 PM **Lab ID:** 012209080-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/14/2022 JW 00:42

Client Sample Description LES-FC-HW by Rm 205-01 **Collected:** 6/4/2022 2 1:05:57 PM **Lab ID:** 012209080-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/14/2022 JW 00:45

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Phone: (973) 920-9061
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 Received: 6/8/2022 12:00 PM

Project: **Nutley Lincoln Elementary School DW 1st Draw****Analytical Results**

Client Sample Description LES-FC-HW by Rm 205-02 **Collected:** 6/4/2022 2 1:06:57 PM **Lab ID:** 012209080-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/14/2022 JW 00:47

Client Sample Description LES-FC-HW by Rm 211 **Collected:** 6/4/2022 2 1:08:03 PM **Lab ID:** 012209080-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/14/2022 JW 00:49

Client Sample Description LES-BLANK **Collected:** 6/4/2022 2 1:11:03 PM **Lab ID:** 012209080-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/14/2022 JW 00:52

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



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012209080



9XYG-4WEW-G2W2

Client Information
AERO Environmental Services, Inc
Succasunna, NJ

Project Overview
PO Number
Project Name
Project ID
Client
Special Instructions
Bill To
Report to Contact
Report to Email

Nutley Lincoln Elementary School DW 1st Draw
Aero Environmental Services Inc
aero50
Michael Berta
Mbarta@aeroenvironmental.net

Project Site
Building
Type
Address 1
Address 2
City
State
Country

School or Day Care Center
302 Harrison Street
Nutley
NJ
US

Testing Laboratory
EMSL Analytical
200 Route 130 North
Cinnaminson, NJ

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
1	LES-FH-HW by Rm B2-01	Jun 04, 2022 12:21 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
2	LES-FCBF-HW by Rm B2-02	Jun 04, 2022 12:22 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
3	LES-FCBF-HW by Rm B2-03	Jun 04, 2022 12:23 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
4	LES-TL-Teachers Lounge	Jun 04, 2022 12:24 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
5	LES-KO Cafeteria-01	Jun 04, 2022 12:25 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
6	LES-KO-Cafeteria-02	Jun 04, 2022 12:26 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
7	LES-FC-HW by Cafeteria-01	Jun 04, 2022 12:27 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
8	LES-FCBF-HW by Cafeteria-02	Jun 04, 2022 12:28 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
9	LES-FCBF-HW by Cafeteria-03	Jun 04, 2022 12:29 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
10	LES-MO-Nurse	Jun 04, 2022 12:30 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
11	LES-SO-Rm B10	Jun 04, 2022 12:31 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
12	LES-FC-HW by Rm B10	Jun 04, 2022 12:32 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
13	LES-FB-Rm B12	Jun 04, 2022 12:40 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
14	LES-SO-Rm B12	Jun 04, 2022 12:41 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
15	LES-SO-Rm B11-01	Jun 04, 2022 12:42 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
16	LES-SO-Rm B11-02	Jun 04, 2022 12:43 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
17	LES-FCBF-HW by Rm 102-02	Jun 04, 2022 12:47 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

HHNCS added 6/8/22 @ 525pm JD EA 619
Shun Brandy 6/8/22 12:40pm WI



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9XYG-4WEW-G2W2



Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
18	LES-FCBF-HW by Rm 102-03	Jun 04, 2022 12:48 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
19	LES-FCBF-HW by Rm 105-01	Jun 04, 2022 12:53 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
20	LES-FCBF-HW by Rm 105-02	Jun 04, 2022 12:54 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
21	LES-FC-HW by Rm 112	Jun 04, 2022 12:57 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
22	LES-SO-Rm 109A	Jun 04, 2022 12:58 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
23	LES-FC-HW by Rm 202-01	Jun 04, 2022 1:01 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
24	LES-FC-HW by Rm 202-02	Jun 04, 2022 1:02 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
25	LES-FC-HW by Rm 205-01	Jun 04, 2022 1:05 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
26	LES-FC-HW by Rm 205-02	Jun 04, 2022 1:06 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
27	LES-FC-HW by Rm 211	Jun 04, 2022 1:08 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
28	LES-BLANK	Jun 04, 2022 1:11 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

Sampled By / Date

Jun 08, 2022

Relinquished By / Date

Jun 08, 2022

Received (Lab) / Date

MMI 6/8/22 12:00

APPENDIX 3

Radcliffe Elementary School

LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Michael Berta
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

6/17/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/10/2022. The results are tabulated on the attached data pages for the following client designated project:

Nutley Radcliffe Elementary School DW 1st Draw

The reference number for these samples is EMSL Order #012209146. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209146

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: **Nutley Radcliffe Elementary School DW 1st Draw****Analytical Results**

Client Sample Description RES-MO-Nurse **Collected:** 6/4/2022 2 1:26:22 PM **Lab ID:** 012209146-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.92	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:33

Client Sample Description RES-TL-Teachers Lounge **Collected:** 6/4/2022 2 1:27:22 PM **Lab ID:** 012209146-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:34

Client Sample Description RES-FC-HW by Rm 105-01 **Collected:** 6/4/2022 2 1:28:22 PM **Lab ID:** 012209146-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:39

Client Sample Description RES-FCBF-HW by Rm105-02 **Collected:** 6/4/2022 2 1:29:22 PM **Lab ID:** 012209146-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:40

Client Sample Description RES-FCBF-HW by Rm 105-03 **Collected:** 6/4/2022 2 1:30:22 PM **Lab ID:** 012209146-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:42

**EMSL Analytical, Inc.**

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EMSL Order: 012209146

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CustomerPO:

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Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: **Nutley Radcliffe Elementary School DW 1st Draw****Analytical Results**

Client Sample Description RES-SO-Principal **Collected:** 6/4/2022 2 1:51:22 PM **Lab ID:** 012209146-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	11.1	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:43

Client Sample Description RES-SO-Rm 106 **Collected:** 6/4/2022 2 1:52:22 PM **Lab ID:** 012209146-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.70	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:45

Client Sample Description RES-SO-Rm 105-01 **Collected:** 6/4/2022 2 1:55:22 PM **Lab ID:** 012209146-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	10.9	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:47

Client Sample Description RES-SO-Rm 105-02 **Collected:** 6/4/2022 2 1:56:22 PM **Lab ID:** 012209146-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	7.83	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:48

Client Sample Description RES-FB-Rm 105 **Collected:** 6/4/2022 2 1:59:22 PM **Lab ID:** 012209146-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.93	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:53

**EMSL Analytical, Inc.**

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 Received: 6/8/2022 12:00 PM

Project: **Nutley Radcliffe Elementary School DW 1st Draw****Analytical Results**

Client Sample Description RES-SO-Rm 107 **Collected:** 6/4/2022 2 2:01:22 PM **Lab ID:** 012209146-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	11.6	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:57

Client Sample Description RES-FB-Rm 107 **Collected:** 6/4/2022 2 2:02:22 PM **Lab ID:** 012209146-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.60	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 00:59

Client Sample Description RES-FB-Rm 108 **Collected:** 6/4/2022 2 2:03:22 PM **Lab ID:** 012209146-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.18	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 01:01

Client Sample Description RES-SO-Rm 108 **Collected:** 6/4/2022 2 2:04:22 PM **Lab ID:** 012209146-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.97	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 01:02

Client Sample Description RES-SO-Rm 110 **Collected:** 6/4/2022 2 2:05:22 PM **Lab ID:** 012209146-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.65	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 01:04

**EMSL Analytical, Inc.**

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EMSL Order: 012209146

CustomerID: aero50

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Succasunna, NJ 07876

Phone: (973) 920-9061
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 Received: 6/8/2022 12:00 PM

Project: **Nutley Radcliffe Elementary School DW 1st Draw****Analytical Results**

Client Sample Description RES-FB-Rm 109 **Collected:** 6/4/2022 2 2:08:22 PM **Lab ID:** 012209146-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 01:05

Client Sample Description RES-SO-Rm 109 **Collected:** 6/4/2022 2 2:09:22 PM **Lab ID:** 012209146-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 01:07

Client Sample Description RES-SO-Copy Rm **Collected:** 6/4/2022 2 2:16:22 PM **Lab ID:** 012209146-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 01:08

Client Sample Description RES-FB-Rm 201 **Collected:** 6/4/2022 2 2:30:22 PM **Lab ID:** 012209146-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.43	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:23

Client Sample Description RES-SO-Rm 201 **Collected:** 6/4/2022 2 2:31:22 PM **Lab ID:** 012209146-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.33	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:30

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EMSL Order: 012209146

CustomerID: aero50

CustomerPO:

ProjectID:

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275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: **Nutley Radcliffe Elementary School DW 1st Draw****Analytical Results**

Client Sample Description RES-FB-Rm 202 **Collected:** 6/4/2022 2 2:32:22 PM **Lab ID:** 012209146-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.70	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:36

Client Sample Description RES-SO-Rm 202 **Collected:** 6/4/2022 2 2:33:22 PM **Lab ID:** 012209146-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	7.53	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:39

Client Sample Description RES-FB-Rm 205 **Collected:** 6/4/2022 2 2:38:22 PM **Lab ID:** 012209146-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.47	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:41

Client Sample Description RES-SO-Rm 205 **Collected:** 6/4/2022 2 2:39:22 PM **Lab ID:** 012209146-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.06	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:43

Client Sample Description RES-SO-Rm 204 **Collected:** 6/4/2022 2 2:42:22 PM **Lab ID:** 012209146-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.53	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:46

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EMSL Order: 012209146

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275 Route 10 East
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Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: **Nutley Radcliffe Elementary School DW 1st Draw****Analytical Results**

Client Sample Description RES-SO-Rm 206 **Collected:** 6/4/2022 2 2:48:22 PM **Lab ID:** 012209146-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.02	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:48

Client Sample Description RES-SO-Rm 212 **Collected:** 6/4/2022 2 2:51:22 PM **Lab ID:** 012209146-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.66	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:50

Client Sample Description RES-FB-Rm 209 **Collected:** 6/4/2022 2 2:53:36 PM **Lab ID:** 012209146-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:52

Client Sample Description RES-SO-Rm 209 **Collected:** 6/4/2022 2 2:54:36 PM **Lab ID:** 012209146-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	11.9	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 21:55

Client Sample Description RES-SO-Rm 214 **Collected:** 6/4/2022 2 2:55:36 PM **Lab ID:** 012209146-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 22:06

**EMSL Analytical, Inc.**

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EMSL Order: 012209146

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
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275 Route 10 East
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Phone: (973) 920-9061
Fax: (973) 529-0335
Received: 6/8/2022 12:00 PM

Project: **Nutley Radcliffe Elementary School DW 1st Draw**

Analytical Results

Client Sample Description RES-BLANK**Collected:** 6/4/2022
2 2:58:36 PM**Lab ID:** 012209146-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/13/2022 JW	6/13/2022 JW 22:08

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



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G2DT-W9ED-YTA9

012209146

Client Information

AERO Environmental Services, Inc
Succasunna, NJ

Project Overview

PO Number
Project Name
Project ID
Client
Special Instructions
Bill To
Report to Contact
Report to Email

Nutley Radcliffe Elementary School DW 1st Draw

Aero Environmental Services Inc

aero50

Michael Berta

Mbarta@aeroenvironmental.net

Project Site

Building Type
Address 1
Address 2
City
State
Country

School or Day Care Center

379 Bloomfield Avenue

Nutley

NJ

US

Testing Laboratory

EMSL Analytical
200 Route 130 North
Cinnaminson, NJ

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
RES-MO-Nurse		Jun 04, 2022 1:26 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-TL-Teachers Lounge		Jun 04, 2022 1:27 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FC-HW by Rm 105-01		Jun 04, 2022 1:28 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FCBF-HW by Rm 105-02		Jun 04, 2022 1:29 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FCBF-HW by Rm 105-03		Jun 04, 2022 1:30 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Principal		Jun 04, 2022 1:51 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 106		Jun 04, 2022 1:52 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 105-01		Jun 04, 2022 1:55 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 105-02		Jun 04, 2022 1:56 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FB-Rm 105		Jun 04, 2022 1:59 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 107		Jun 04, 2022 2:01 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FB-Rm 107		Jun 04, 2022 2:02 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FB-Rm 108		Jun 04, 2022 2:03 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 108		Jun 04, 2022 2:04 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 110		Jun 04, 2022 2:05 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FB-Rm 109		Jun 04, 2022 2:08 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 109		Jun 04, 2022 2:09 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

HN03 added 6/8/22 @ 5:00pm
 When Drilling 6/8/22 12:00pm (WJ)



EMSL ANALYTICAL, INC.
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G2DT-W9ED-YTA9

012209146

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
RES-SO-Copy Rm		Jun 04, 2022 2:16 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FB-Rm 201		Jun 04, 2022 2:30 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 201		Jun 04, 2022 2:31 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FB-Rm 202		Jun 04, 2022 2:32 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 202		Jun 04, 2022 2:33 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FB-Rm 205		Jun 04, 2022 2:38 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 205		Jun 04, 2022 2:39 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 204		Jun 04, 2022 2:42 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 206		Jun 04, 2022 2:48 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 212		Jun 04, 2022 2:51 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-FB-Rm 209		Jun 04, 2022 2:53 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 209		Jun 04, 2022 2:54 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-SO-Rm 214		Jun 04, 2022 2:55 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
RES-BLANK		Jun 04, 2022 2:58 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

Jun 08, 2022

Jun 08, 2022

Relinquished By / Date

Sampled By / Date

Received (Lab) / Date

[Signature] 6/8/22 12:00

APPENDIX 4

Spring Garden Elementary School

LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Michael Berta
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

6/17/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/9/2022. The results are tabulated on the attached data pages for the following client designated project:

Nutley Spring Garden Elementary School DW 1st Draw

The reference number for these samples is EMSL Order #012209077. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209077

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: Nutley Spring Garden Elementary School DW 1st Draw

Analytical Results

Client Sample Description FGS-KO-Rm B5 **Collected:** 6/4/2022 2 3:13:08 PM **Lab ID:** 012209077-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.38	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 21:54

Client Sample Description SGS-FC-HW By Teachers Rm-01 **Collected:** 6/4/2022 2 3:15:08 PM **Lab ID:** 012209077-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.07	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 21:59

Client Sample Description SGS-TL-Teachers Room **Collected:** 6/4/2022 2 3:17:08 PM **Lab ID:** 012209077-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.86	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:01

Client Sample Description SGS-FC-HW By Rm B3-01 **Collected:** 6/4/2022 2 3:18:08 PM **Lab ID:** 012209077-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.71	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:02

Client Sample Description SGS-FC-HW By Rm B3-02 **Collected:** 6/4/2022 2 3:19:08 PM **Lab ID:** 012209077-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.89	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:04

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209077

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: Nutley Spring Garden Elementary School DW 1st Draw

Analytical Results

Client Sample Description SGS-SO-Rm B4A **Collected:** 6/4/2022 2 3:21:08 PM **Lab ID:** 012209077-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.02	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:05

Client Sample Description SGS-FB-Rm B2 **Collected:** 6/4/2022 2 3:23:08 PM **Lab ID:** 012209077-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	10.3	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:10

Client Sample Description SGS-FCBF-Rm 134-01 **Collected:** 6/4/2022 2 3:27:08 PM **Lab ID:** 012209077-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:12

Client Sample Description SGS-FCBF-Rm 134-2 **Collected:** 6/4/2022 2 3:29:08 PM **Lab ID:** 012209077-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:13

Client Sample Description SGS-FC-HW by Rm107-01 **Collected:** 6/4/2022 2 3:31:08 PM **Lab ID:** 012209077-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:15

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209077

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
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275 Route 10 East
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Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: Nutley Spring Garden Elementary School DW 1st Draw

Analytical Results

Client Sample Description SGS-FCBF-HW by Rm 107-03 **Collected:** 6/4/2022 2 3:34:08 PM **Lab ID:** 012209077-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:16

Client Sample Description SGS-FC-HW by Main Office **Collected:** 6/4/2022 2 3:36:08 PM **Lab ID:** 012209077-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:21

Client Sample Description SGS-MO-Nurse Bathroom **Collected:** 6/4/2022 2 3:38:08 PM **Lab ID:** 012209077-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:22

Client Sample Description SGS-FC-HW by Rm 209 **Collected:** 6/4/2022 2 3:41:08 PM **Lab ID:** 012209077-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:24

Client Sample Description SGS-FC-HW by Rm 204-01 **Collected:** 6/4/2022 2 3:47:08 PM **Lab ID:** 012209077-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:32

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209077

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: **Nutley Spring Garden Elementary School DW 1st Draw****Analytical Results**

Client Sample Description SGS-FCBF-HW by Rm 204-02 **Collected:** 6/4/2022 2 3:48:16 PM **Lab ID:** 012209077-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:33

Client Sample Description SGS-FCBF-HW by Rm 204-03 **Collected:** 6/4/2022 2 3:49:16 PM **Lab ID:** 012209077-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:35

Client Sample Description SGS-TL Teachers Lounge **Collected:** 6/4/2022 2 3:52:16 PM **Lab ID:** 012209077-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:36

Client Sample Description SGS-BLANK **Collected:** 6/4/2022 2 3:55:16 PM **Lab ID:** 012209077-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 22:38

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



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LABORATORY • PRODUCTS • TRAINING



7HP7-RXWY-6AU4

Client Information
AERO Environmental Services, Inc
Succasunna, NJ

Project Overview
PO Number
Project Name
Nuttley Spring Garden Elementary School DW 1st
Draw

Project ID
Client
Special
Instructions
Bill To
Report to Contact
Report to Email
aero50
Michael Berta
Mberta@aeroenvironmental.net

Project Site
Building
Type
Address 1
Address 2
City
State
Country
School or Day Care Center
59 South Spring Garden
Nuttley
NJ
US

Testing Laboratory
EMSL Analytical
200 Route 130 North
Cinnaminson, NJ

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
FGS-KO-Rm B5		Jun 04, 2022 3:13 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FC-HW By Teachers Rm-01		Jun 04, 2022 3:15 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-TL-Teachers Room		Jun 04, 2022 3:17 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FC-HW By Rm B3-01		Jun 04, 2022 3:18 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FC-HW By Rm B3-02		Jun 04, 2022 3:19 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-SO-Rm B4A		Jun 04, 2022 3:21 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FB-Rm B2		Jun 04, 2022 3:23 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FCBF-Rm 134-01		Jun 04, 2022 3:27 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FCBF-Rm 134-2		Jun 04, 2022 3:29 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FC-HW By Rm107-01		Jun 04, 2022 3:31 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FCBF-HW by Rm 107-03		Jun 04, 2022 3:34 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FC-HW by Main Office		Jun 04, 2022 3:36 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-MO-Nurse Bathroom		Jun 04, 2022 3:38 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FC-HW by Rm 209		Jun 04, 2022 3:41 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FC-HW by Rm 204-01		Jun 04, 2022 3:47 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FCBF-HW by Rm 204-02		Jun 04, 2022 3:48 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
SGS-FCBF-HW by Rm 204-03		Jun 04, 2022 3:49 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

OrderID: 012209077

012209077

HNOS added 6/8/22 @ 5:15 PM
Steven Bernely 6/8/22 12:00 PM
WIT

APPENDIX 5

John Walker Middle School

LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Michael Berta
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

6/17/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/10/2022. The results are tabulated on the attached data pages for the following client designated project:

Nutley John Walker Middle School DW 1st Draw

The reference number for these samples is EMSL Order #012209150. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209150

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 02:00 PM

Project: Nutley John Walker Middle School DW 1st Draw

Analytical Results

Client Sample Description NMS-SO-Board Office-01 **Collected:** 6/4/2022 2 9:10:16 AM **Lab ID:** 012209150-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 21:03

Client Sample Description NMS-SO Board Office-02 **Collected:** 6/4/2022 2 9:11:16 AM **Lab ID:** 012209150-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 21:08

Client Sample Description NMS-FC-HW by Rm 101-01 **Collected:** 6/4/2022 2 9:14:16 AM **Lab ID:** 012209150-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 21:09

Client Sample Description NMS-BF-HW By Rm 101-02 **Collected:** 6/4/2022 2 9:15:16 AM **Lab ID:** 012209150-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:57

Client Sample Description NMS-SO Main Office **Collected:** 6/4/2022 2 9:18:16 AM **Lab ID:** 012209150-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.33	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 08:58

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209150

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 02:00 PM

Project: Nutley John Walker Middle School DW 1st Draw

Analytical Results

Client Sample Description NMS-KO-Rm 115 Kitchen Triple-01 **Collected:** 6/4/2022 2 9:20:16 AM **Lab ID:** 012209150-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:00

Client Sample Description NMS-KO-Rm 115 Kitchen Triple-02 **Collected:** 6/4/2022 2 9:21:16 AM **Lab ID:** 012209150-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.08	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:01

Client Sample Description NMS-KO-Rm 115 Kitchen Small-03 **Collected:** 6/4/2022 2 9:22:16 AM **Lab ID:** 012209150-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:03

Client Sample Description NMS-KO-Rm 115 Kitchen Small Prep Sink-04 **Collected:** 6/4/2022 2 9:23:16 AM **Lab ID:** 012209150-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:04

Client Sample Description NMS-KO-Rm 115 Kitchen Large Prep Sink-05 **Collected:** 6/4/2022 2 9:27:16 AM **Lab ID:** 012209150-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:06

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209150

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 02:00 PM

Project: Nutley John Walker Middle School DW 1st Draw

Analytical Results

Client Sample Description NMS-IM-Kitchen **Collected:** 6/4/2022 2 9:30:16 AM **Lab ID:** 012209150-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:07

Client Sample Description NMS-TL-Teachers Lounge **Collected:** 6/4/2022 2 9:42:16 AM **Lab ID:** 012209150-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:15

Client Sample Description NMS-MO-Nurse-01 **Collected:** 6/4/2022 2 9:47:16 AM **Lab ID:** 012209150-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:17

Client Sample Description NMS-FB-Nurse-02 **Collected:** 6/4/2022 2 9:48:16 AM **Lab ID:** 012209150-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.50	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:18

Client Sample Description NMS-FC-HW by Rm 107-01 **Collected:** 6/4/2022 2 9:51:16 AM **Lab ID:** 012209150-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:20

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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EMSL Order: 012209150

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 02:00 PM

Project: Nutley John Walker Middle School DW 1st Draw

Analytical Results

Client Sample Description NMS-FC-HW by Rm 104-02 **Collected:** 6/4/2022 2 9:52:16 AM **Lab ID:** 012209150-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:21

Client Sample Description NMS-FC-HW by Rm 201-01 **Collected:** 6/4/2022 2 9:58:16 AM **Lab ID:** 012209150-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:23

Client Sample Description NMS-FC-HW by Rm 201-02 **Collected:** 6/4/2022 10:00:16 AM **Lab ID:** 012209150-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:24

Client Sample Description NMS-FC-HW by Gym-01 **Collected:** 6/4/2022 10:01:16 AM **Lab ID:** 012209150-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:26

Client Sample Description NMS-FC-HW by Gym-02 **Collected:** 6/4/2022 10:02:33 AM **Lab ID:** 012209150-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/15/2022 VD 09:28

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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EMSL Order: 012209150

CustomerID: aero50

CustomerPO:

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 Received: 6/8/2022 02:00 PM

Project: Nutley John Walker Middle School DW 1st Draw

Analytical Results

Client Sample Description NMS-FC-Rm 225 **Collected:** 6/4/2022 10:03:33 AM **Lab ID:** 012209150-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:27

Client Sample Description NMS-FC-Rm 224 **Collected:** 6/4/2022 10:05:33 AM **Lab ID:** 012209150-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:29

Client Sample Description NMS-SO-Rm 211 **Collected:** 6/4/2022 10:07:33 AM **Lab ID:** 012209150-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	6.38	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:31

Client Sample Description NMS-FC-HW by Rm 209-01 **Collected:** 6/4/2022 10:09:33 AM **Lab ID:** 012209150-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:32

Client Sample Description NMS-FC-HW by Rm 209-02 **Collected:** 6/4/2022 10:10:33 AM **Lab ID:** 012209150-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:37

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 Received: 6/8/2022 02:00 PM

Project: Nutley John Walker Middle School DW 1st Draw

Analytical Results

Client Sample Description NMS-FC-HW by Rm 310-01 **Collected:** 6/4/2022 10:15:33 AM **Lab ID:** 012209150-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:41

Client Sample Description NMS-FC-HW by Rm 310-02 **Collected:** 6/4/2022 10:16:33 AM **Lab ID:** 012209150-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:43

Client Sample Description NMS-FC-HW by Rm 301-01 **Collected:** 6/4/2022 10:21:33 AM **Lab ID:** 012209150-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:45

Client Sample Description NMS-FC-HW by Rm 301-02 **Collected:** 6/4/2022 10:22:33 AM **Lab ID:** 012209150-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.10	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:46

Client Sample Description NMS-BLANK **Collected:** 6/4/2022 10:25:33 AM **Lab ID:** 012209150-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:48



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EMSL Order:	012209150
CustomerID:	aero50
CustomerPO:	
ProjectID:	

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



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012209150



HXTX-QE3X-UHQ7

Client Information
AERO Environmental Services, Inc
Succasunna, NJ

Project Overview
PO Number
Project Name
Project ID
Client
Special Instructions
Bill To
Report to Contact
Report to Email

Nutley John Walker Middle School DW 1st Draw
Aero Environmental Services Inc
aero50
Michael Berta
Mbarta@aeroenvironmental.net

Project Site
Building
Type
Address 1
Address 2
City
State
Country
School or Day Care Center
325 Franklin Ave
Nutley
NJ
US

Testing Laboratory
EMSL Analytical
200 Route 130 North
Cinnaminson, NJ

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservativ	Additional Tests	Notes
1	NMS-SO-Board Office-01	Jun 04, 2022 9:10 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
2	NMS-SO Board Office-02	Jun 04, 2022 9:11 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
3	NMS-FC-HW by Rm 101-01	Jun 04, 2022 9:14 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
4	NMS-BF-HW By Rm 101-02	Jun 04, 2022 9:15 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
5	NMS-SO Main Office	Jun 04, 2022 9:18 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
6	NMS-KO-Rm 115 Kitchen Triple-01	Jun 04, 2022 9:20 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
7	NMS-KO-Rm 115 Kitchen Triple-02	Jun 04, 2022 9:21 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
8	NMS-KO-Rm 115 Kitchen Small-03	Jun 04, 2022 9:22 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
9	NMS-KO-Rm 115 Kitchen Small Prep Sink-04	Jun 04, 2022 9:23 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
10	NMS-KO-Rm 115 Kitchen Large Prep Sink-05	Jun 04, 2022 9:27 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
11	NMS-IM-Kitchen	Jun 04, 2022 9:30 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				



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HXTX-QE3X-UHQ7

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
NMS-TL-Teachers Lounge		Jun 04, 2022 9:42 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-MO-Nurse-01		Jun 04, 2022 9:47 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FB-Nurse-02		Jun 04, 2022 9:48 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-HW by Rm 107-01		Jun 04, 2022 9:51 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-HW by Rm 104-02		Jun 04, 2022 9:52 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-HW by Rm 201-01		Jun 04, 2022 9:58 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-HW by Rm 201-02		Jun 04, 2022 10:00 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-HW by Gym-01		Jun 04, 2022 10:01 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-HW by Gym-02		Jun 04, 2022 10:02 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-Rm 225		Jun 04, 2022 10:03 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-Rm 224		Jun 04, 2022 10:05 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-SO-Rm 211		Jun 04, 2022 10:07 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-HW by Rm 209-01		Jun 04, 2022 10:09 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-HW by Rm 209-02		Jun 04, 2022 10:10 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
NMS-FC-HW by Rm 310-01		Jun 04, 2022 10:15 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				



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HXTX-QE3X-UHQ7

Sample ID	Sample Area	Date/Time Collected	Volum ^e	Matrix / Test Method	TAT	pH	Preservativ ^e	Additional Tests	Notes
27		Jun 04, 2022 10:16 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
28		Jun 04, 2022 10:21 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
29		Jun 04, 2022 10:22 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
30		Jun 04, 2022 10:25 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

Sampled By / Date

Jun 08, 2022

Relinquished By / Date

Jun 08, 2022

Received (Lab) / Date

6/8/22 2:00

Rec. requested EZ

HNO₃ added 8:15 6/9/22 cjk

APPENDIX 6

Washington Elementary School

LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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Attn:

Michael Berta
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

6/17/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/10/2022. The results are tabulated on the attached data pages for the following client designated project:

Nutley Washington Elementary School DW 1st Draw

The reference number for these samples is EMSL Order #012209149. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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EMSL Order: 012209149

CustomerID: aero50

CustomerPO:

ProjectID:

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Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: **Nutley Washington Elementary School DW 1st Draw****Analytical Results**

Client Sample Description WES-KO-Kitchen **Collected:** 6/4/2022 11:27:20 AM **Lab ID:** 012209149-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.12	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:18

Client Sample Description WES-FB-Room B1 **Collected:** 6/4/2022 11:29:20 AM **Lab ID:** 012209149-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:25

Client Sample Description WES-FB-Rm B5 **Collected:** 6/4/2022 11:30:20 AM **Lab ID:** 012209149-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.32	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:27

Client Sample Description WES-FCBF-HW by Stage-01 **Collected:** 6/4/2022 11:31:20 AM **Lab ID:** 012209149-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:29

Client Sample Description WES-FCBF-HW-by Stage-02 **Collected:** 6/4/2022 11:32:20 AM **Lab ID:** 012209149-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:30

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 Received: 6/8/2022 12:00 PM

Project: **Nutley Washington Elementary School DW 1st Draw****Analytical Results**

Client Sample Description WES-FC-HW by Stage-03 **Collected:** 6/4/2022 11:33:20 AM **Lab ID:** 012209149-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:32

Client Sample Description WES-SO-Rm B8 **Collected:** 6/4/2022 11:34:20 AM **Lab ID:** 012209149-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.21	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:33

Client Sample Description WES-FC-HW by Rm B6-01 **Collected:** 6/4/2022 11:36:20 AM **Lab ID:** 012209149-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:35

Client Sample Description WES-FCBF-HW by Rm B6-02 **Collected:** 6/4/2022 11:37:20 AM **Lab ID:** 012209149-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:36

Client Sample Description WES-FCBF-HW by Rm B6-03 **Collected:** 6/4/2022 11:38:20 AM **Lab ID:** 012209149-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:44

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 Received: 6/8/2022 12:00 PM

Project: **Nutley Washington Elementary School DW 1st Draw****Analytical Results**

Client Sample Description WES-MO-Nurse **Collected:** 6/4/2022 11:42:20 AM **Lab ID:** 012209149-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:46

Client Sample Description WES-SO-Rm 109 **Collected:** 6/4/2022 11:45:20 AM **Lab ID:** 012209149-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.98	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:50

Client Sample Description WES-FC-HW by Rm 105-01 **Collected:** 6/4/2022 11:48:20 AM **Lab ID:** 012209149-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:52

Client Sample Description WES-FCBF-HW by Rm 105-02 **Collected:** 6/4/2022 11:49:20 AM **Lab ID:** 012209149-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:53

Client Sample Description WES-FCBF-HW by Rm105-03 **Collected:** 6/4/2022 11:50:20 AM **Lab ID:** 012209149-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 19:55

**EMSL Analytical, Inc.**

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Project: **Nutley Washington Elementary School DW 1st Draw****Analytical Results**

Client Sample Description WES-FC-HW by Rm 108-01 **Collected:** 6/4/2022 11:51:20 AM **Lab ID:** 012209149-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:00

Client Sample Description WES-FCBF-HW by Rm 108-02 **Collected:** 6/4/2022 11:52:20 AM **Lab ID:** 012209149-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:01

Client Sample Description WES-FCBF-HW by Rm 108-03 **Collected:** 6/4/2022 11:53:20 AM **Lab ID:** 012209149-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:03

Client Sample Description WES-SO-Rm 106 **Collected:** 6/4/2022 11:55:20 AM **Lab ID:** 012209149-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.48	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:04

Client Sample Description WES-FC-HW by Rm 205-01 **Collected:** 6/4/2022 11:59:20 AM **Lab ID:** 012209149-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:06

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EMSL Order: 012209149

CustomerID: aero50

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 Received: 6/8/2022 12:00 PM

Project: **Nutley Washington Elementary School DW 1st Draw****Analytical Results**

Client Sample Description WES-FCBF-HW by Rm 205-02 **Collected:** 6/4/2022 12:01:20 PM **Lab ID:** 012209149-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:12

Client Sample Description WES-FCBF-HW by Rm 205-03 **Collected:** 6/4/2022 12:02:20 PM **Lab ID:** 012209149-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:20

Client Sample Description WES-FC-HW by Rm 210-01 **Collected:** 6/4/2022 12:04:20 PM **Lab ID:** 012209149-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:21

Client Sample Description WES-FCBF-HW by Rm 210-02 **Collected:** 6/4/2022 12:07:20 PM **Lab ID:** 012209149-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:23

Client Sample Description WES-FCBF-HW by Rm 210-03 **Collected:** 6/4/2022 12:08:20 PM **Lab ID:** 012209149-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:24

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209149

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
Fax: (973) 529-0335
Received: 6/8/2022 12:00 PM

Project: **Nutley Washington Elementary School DW 1st Draw****Analytical Results****Client Sample Description** WES-BLANK**Collected:** 6/4/2022
12:10:20 PM**Lab ID:** 012209149-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 20:26

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



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7RRU-YXEP-XYD6

Client Information
AERO Environmental Services, Inc
Succasunna, NJ

Project Overview
PO Number
Project Name

Nutley Washington Elementary School DW 1st
Draw

Aero Environmental Services Inc

Project ID
Client
Special
Instructions
Bill To
Report to Contact
Report to Email

aero50
Michael Berta
Mberta@aeroenvironmental.net

Project Site
Building
Type
Address 1
Address 2
City
State
Country

School or Day Care Center
155 Washington Ave
Nutley
NJ
US

Testing Laboratory
EMSL Analytical
200 Route 130 North
Cinnaminson, NJ

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
1	WES-KO-Kitchen	Jun 04, 2022 11:27 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
2	WES-FB-Room B1	Jun 04, 2022 11:29 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
3	WES-FB-Rm B5	Jun 04, 2022 11:30 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
4	WES-FCBF-HW by Stage-01	Jun 04, 2022 11:31 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
5	WES-FCBF-HW by Stage-02	Jun 04, 2022 11:32 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
6	WES-FC-HW by Stage-03	Jun 04, 2022 11:33 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
7	WES-SO-Rm B8	Jun 04, 2022 11:34 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
8	WES-FC-HW by Rm B6-01	Jun 04, 2022 11:36 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
9	WES-FCBF-HW by Rm B6-02	Jun 04, 2022 11:37 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
10	WES-FCBF-HW by Rm B6-03	Jun 04, 2022 11:38 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
11	WES-MO-Nurse	Jun 04, 2022 11:42 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
12	WES-SO-Rm 109	Jun 04, 2022 11:45 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
13	WES-FC-HW by Rm 105-01	Jun 04, 2022 11:48 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
14	WES-FCBF-HW by Rm 105-02	Jun 04, 2022 11:49 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
15	WES-FCBF-HW by Rm 105-03	Jun 04, 2022 11:50 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
16	WES-FC-HW by Rm 108-01	Jun 04, 2022 11:51 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
17	WES-FCBF-HW by Rm 108-02	Jun 04, 2022 11:52 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

HN03 added 6/8/22 C Socg JD 6/11/22



7RRU-XXEP-XYD6

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Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
18 WES-FCBF-HW by Rm 108-03		Jun 04, 2022 11:53 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
19 WES-SO-Rm 106		Jun 04, 2022 11:55 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
20 WES-FC-HW by Rm 205-01		Jun 04, 2022 11:59 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
21 WES-FCBF-HW by Rm 205-02		Jun 04, 2022 12:01 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
22 WES-FCBF-HW by Rm 205-03		Jun 04, 2022 12:02 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
23 WES-FC-HW by Rm 210-01		Jun 04, 2022 12:04 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
24 WES-FCBF-HW by Rm 210-02		Jun 04, 2022 12:07 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
25 WES-FCBF-HW by Rm 210-03		Jun 04, 2022 12:08 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
26 WES-BLANK		Jun 04, 2022 12:10 PM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

Jun 08, 2022

Relinquished By / Date

Jun 08, 2022

Sampled By / Date

Received (Lab) / Date

6/18/22 12:00
 6/18/22 12:00 pm
 Rev. signature EW

APPENDIX 7

Yantacaw Elementary School

LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Michael Berta
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

6/20/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/9/2022. The results are tabulated on the attached data pages for the following client designated project:

Nutley Yantcaw Elementary School DW 1st Draw

The reference number for these samples is EMSL Order #012209079. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209079

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: Nutley Yantcaw Elementary School DW 1st Draw

Analytical Results

Client Sample Description YES-FC-HW-by Auditorium-01 **Collected:** 6/4/2022 10:37:10 AM **Lab ID:** 012209079-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:31

Client Sample Description YES-FCBF-HW-by Auditorium-02 **Collected:** 6/4/2022 10:38:22 AM **Lab ID:** 012209079-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:35

Client Sample Description YES-FCBF-HW-by Auditorium-03 **Collected:** 6/4/2022 10:39:22 AM **Lab ID:** 012209079-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:37

Client Sample Description YES-KO-Rm 103 **Collected:** 6/4/2022 10:41:22 AM **Lab ID:** 012209079-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	11.9	1.00 µg/L	6/15/2022 VD	6/16/2022 JW 16:11

Client Sample Description YES-SO-Rm 102 **Collected:** 6/4/2022 10:43:22 AM **Lab ID:** 012209079-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.37	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:38

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209079

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: Nutley Yantcaw Elementary School DW 1st Draw

Analytical Results

Client Sample Description YES-FCBF-HW by Rm 206-02 **Collected:** 6/4/2022 10:45:22 AM **Lab ID:** 012209079-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:40

Client Sample Description YES-FCBF-HW by Rm 206-03 **Collected:** 6/4/2022 10:46:22 AM **Lab ID:** 012209079-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:45

Client Sample Description YES-FC-Rm 204-01 **Collected:** 6/4/2022 10:52:22 AM **Lab ID:** 012209079-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:46

Client Sample Description YES-SO-Rm 204-02 **Collected:** 6/4/2022 10:53:22 AM **Lab ID:** 012209079-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:48

Client Sample Description YES-MO-Nurse **Collected:** 6/4/2022 10:56:22 AM **Lab ID:** 012209079-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:49

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012209079

CustomerID: aero50

CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 6/8/2022 12:00 PM

Project: Nutley Yantcaw Elementary School DW 1st Draw

Analytical Results

Client Sample Description YES-TL-Teachers Lounge **Collected:** 6/4/2022 10:57:22 AM **Lab ID:** 012209079-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	8.14	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:51

Client Sample Description YES-FC-HW by Rm 311-01 **Collected:** 6/4/2022 10:58:22 AM **Lab ID:** 012209079-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:53

Client Sample Description YES-FCBF-HW by Rm 311-02 **Collected:** 6/4/2022 10:59:22 AM **Lab ID:** 012209079-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:57

Client Sample Description YES-FCBF-HW by Rm 311-03 **Collected:** 6/4/2022 11:00:22 AM **Lab ID:** 012209079-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 13:59

Client Sample Description YES-BLANK **Collected:** 6/4/2022 11:03:22 AM **Lab ID:** 012209079-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	6/14/2022 VD	6/14/2022 VD 14:03



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>

EnvChemistry2@emsl.com

EMSL Order: 012209079
CustomerID: aero50
CustomerPO:
ProjectID:

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results



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012207079



FT49-XGXT-HT23

Client Information
AERO Environmental Services, Inc
Succasunna, NJ

Project Overview
PO Number
Project Name
Project ID
Client
Special Instructions
Bill To
Report to Contact
Report to Email

Nutley Yantacaw Elementary School DW 1st Draw
Aero Environmental Services Inc
aero50
Michael Berta
Mberta@aeroenvironmental.net

Project Site
Building
Type
Address 1
Address 2
City
State
Country

School or Day Care Center
59 Yantacaw Place
Nutley
NJ
US

Testing Laboratory
EMSL Analytical
200 Route 130 North
Cinnaminson, NJ

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
1	YES-FC-HW-by Auditorium-01	Jun 04, 2022 10:37 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
2	YES-FCBF-HW-by Auditorium-02	Jun 04, 2022 10:38 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
3	YES-FCBF-HW-by Auditorium-03	Jun 04, 2022 10:39 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
4	YES-KO-Rm 103	Jun 04, 2022 10:41 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
5	YES-SO-Rm 102	Jun 04, 2022 10:43 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
6	YES-FCBF-HW by Rm 206-02	Jun 04, 2022 10:45 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
7	YES-FCBF-HW by Rm 206-03	Jun 04, 2022 10:46 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
8	YES-FC-Rm 204-01	Jun 04, 2022 10:52 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
9	YES-SO-Rm 204-02	Jun 04, 2022 10:53 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
10	YES-MO-Nurse	Jun 04, 2022 10:56 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
11	YES-TL-Teachers Lounge	Jun 04, 2022 10:57 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
12	YES-FC-HW by Rm 311-01	Jun 04, 2022 10:58 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
13	YES-FCBF-HW by Rm 311-02	Jun 04, 2022 10:59 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
14	YES-FCBF-HW by Rm 311-03	Jun 04, 2022 11:00 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				
15	YES-BLANK	Jun 04, 2022 11:03 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	1 Week				

HN03 added 6/8/22 @ 539-7D
6/19

Shawn Donnelly 6/8/22 12:00pm (WI)



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012209079

FT49-XGXT-HT23



Sampled By / Date

Jun 08, 2022

Received (Lab) / Date

12:00

Relinquished By / Date

Jun 08, 2022