



Environmental and Laboratory Services

Dover Location:

90 1/2 West Blackwell St., Dover, NJ 07801
Phone: (973) 989-0010, Fax (973) 989-0156

Marlboro Location:

8A Railroad Ave, Marlboro, NJ 07746
Phone: (732) 308-3500, Fax (732) 308-3503

Date: December 29, 2023
Client: Voorhees High School
Address: 256 CR-513
Glen Gardner, NJ 08826

PWSID#: NJ1019314

Project Location:

Analytical Results

Sample Matrix:	Drinking Water	Lab Sample Number: 231006052-001							
Sample Location:	Trainers Rm DS	Customer Sample Number:							
Sampled By:	Client								
Sample Date/Time:	12/9/2023 7:15								
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	1.39 **	mg/L	1.3	12/20/2023	10:27	BPD	0.05	1
Lead-1st Draw	SM3113B	10.7	µg/L	15	12/26/2023	17:59	BM	2	1

Sample Matrix:	Drinking Water	Lab Sample Number: 231006052-002							
Sample Location:	AG Shop Fountain DS	Customer Sample Number:							
Sampled By:	Client								
Sample Date/Time:	12/9/2023 7:19								
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.351	mg/L	1.3	12/20/2023	10:26	BPD	0.05	1
Lead-1st Draw	SM3113B	2.10	µg/L	15	12/26/2023	17:36	BM	2	1

Sample Matrix: Drinking Water		Lab Sample Number: 231006052-003							
Sample Location: Rm 154 Sink DS		Customer Sample Number:							
Sampled By: Client									
Sample Date/Time: 12/9/2023 7:23									
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.933	mg/L	1.3	12/20/2023	10:28	BPD	0.05	1
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	12/26/2023	18:05	BM	2	1

Sample Matrix: Drinking Water		Lab Sample Number: 231006052-004							
Sample Location: Kitchen Sink #1 DS		Customer Sample Number:							
Sampled By: Client									
Sample Date/Time: 12/9/2023 7:28									
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.434	mg/L	1.3	12/20/2023	10:29	BPD	0.05	1
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	12/26/2023	18:11	BM	2	1

Sample Matrix: Drinking Water		Lab Sample Number: 231006052-005							
Sample Location: Kitchen Sink #2 DS		Customer Sample Number:							
Sampled By: Client									
Sample Date/Time: 12/9/2023 7:29									
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.351	mg/L	1.3	12/20/2023	10:29	BPD	0.05	1
Lead-1st Draw	SM3113B	6.63	µg/L	15	12/26/2023	18:17	BM	2	1

Sample Matrix: Drinking Water		Lab Sample Number: 231006052-006							
Sample Location: Kitchen Sink #3 DS		Customer Sample Number:							
Sampled By: Client									
Sample Date/Time: 12/9/2023 7:30									
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.370	mg/L	1.3	12/20/2023	10:30	BPD	0.05	1
Lead-1st Draw	SM3113B	2.86	µg/L	15	12/26/2023	18:23	BM	2	1

Sample Matrix: Drinking Water		Lab Sample Number: 231006052-007							
Sample Location: Kitchen Sink #4 DS		Customer Sample Number:							
Sampled By: Client									
Sample Date/Time: 12/9/2023 7:31									
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.550	mg/L	1.3	12/20/2023	10:31	BPD	0.05	1
Lead-1st Draw	SM3113B	9.37	µg/L	15	12/26/2023	18:29	BM	2	1

Sample Matrix: Drinking Water		Lab Sample Number: 231006052-008							
Sample Location: Kitchen Sink #5 DS		Customer Sample Number:							
Sampled By: Client									
Sample Date/Time: 12/9/2023 7:32									
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.452	mg/L	1.3	12/20/2023	10:32	BPD	0.05	1
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	12/26/2023	18:35	BM	2	1

Sample Matrix:		Drinking Water		Lab Sample Number: 231006052-009					
Sample Location:		Main Café R Sink DS		Customer Sample Number:					
Sampled By:		Client							
Sample Date/Time:		12/9/2023 7:03							
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.429	mg/L	1.3	12/20/2023	10:33	BPD	0.05	1
Lead-1st Draw	SM3113B	3.85	µg/L	15	12/26/2023	18:41	BM	2	1

Sample Matrix:		Drinking Water		Lab Sample Number: 231006052-010					
Sample Location:		Commercial Foods HS DS		Customer Sample Number:					
Sampled By:		Client							
Sample Date/Time:		12/9/2023 7:34							
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.444	mg/L	1.3	12/20/2023	10:33	BPD	0.05	1
Lead-1st Draw	SM3113B	3.17	µg/L	15	12/26/2023	19:05	BM	2	1

Sample Matrix:		Drinking Water		Lab Sample Number: 231006052-011					
Sample Location:		Guidance Sink DS		Customer Sample Number:					
Sampled By:		Client							
Sample Date/Time:		12/9/2023 7:39							
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.352	mg/L	1.3	12/20/2023	10:34	BPD	0.05	1
Lead-1st Draw	SM3113B	2.48	µg/L	15	12/26/2023	19:11	BM	2	1

Sample Matrix:		Drinking Water		Lab Sample Number: 231006052-012					
Sample Location:		Nurse Hand Sink DS		Customer Sample Number:					
Sampled By:		Client							
Sample Date/Time:		12/9/2023 7:41							
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.348	mg/L	1.3	12/20/2023	10:34	BPD	0.05	1
Lead-1st Draw	SM3113B	2.27	µg/L	15	12/26/2023	19:17	BM	2	1

Sample Matrix:		Drinking Water		Lab Sample Number: 231006052-013					
Sample Location:		Main Office Sink DS		Customer Sample Number:					
Sampled By:		Client							
Sample Date/Time:		12/9/2023 7:43							
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.519	mg/L	1.3	12/20/2023	10:35	BPD	0.05	1
Lead-1st Draw	SM3113B	4.44	µg/L	15	12/26/2023	19:23	BM	2	1

Sample Matrix:		Drinking Water		Lab Sample Number: 231006052-014					
Sample Location:		Rm 163 Sink DS		Customer Sample Number:					
Sampled By:		Client							
Sample Date/Time:		12/9/2023 7:46							
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.490	mg/L	1.3	12/20/2023	10:35	BPD	0.05	1
Lead-1st Draw	SM3113B	6.40	µg/L	15	12/26/2023	19:29	BM	2	1

Sample Matrix: Drinking Water		Lab Sample Number: 231006052-015							
Sample Location: Rm 165 Sink DS		Customer Sample Number:							
Sampled By: Client									
Sample Date/Time: 12/9/2023 7:48									
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.618	mg/L	1.3	12/20/2023	10:36	BPD	0.05	1
Lead-1st Draw	SM3113B	2.87	µg/L	15	12/26/2023	19:35	BM	2	1

Sample Matrix: Drinking Water		Lab Sample Number: 231006052-016							
Sample Location: Mens Left by 260 DS		Customer Sample Number:							
Sampled By: Client									
Sample Date/Time: 12/9/2023 7:52									
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.265	mg/L	1.3	12/20/2023	10:36	BPD	0.05	1
Lead-1st Draw	SM3113B	5.33	µg/L	15	12/26/2023	19:41	BM	2	1

Sample Matrix: Drinking Water		Lab Sample Number: 231006052-017							
Sample Location: Rm 210 Left Sink DS		Customer Sample Number:							
Sampled By: Client									
Sample Date/Time: 12/9/2023 7:55									
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.629	mg/L	1.3	12/20/2023	10:37	BPD	0.05	1
Lead-1st Draw	SM3113B	< 2.00	µg/L	15	12/26/2023	19:47	BM	2	1

Sample Matrix:		Drinking Water		Lab Sample Number: 231006052-018					
Sample Location:		Rm 211 Right Sink DS		Customer Sample Number:					
Sampled By:		Client							
Sample Date/Time:		12/9/2023 7:57							
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.519	mg/L	1.3	12/20/2023	10:38	BPD	0.05	1
Lead-1st Draw	SM3113B	4.02	µg/L	15	12/26/2023	19:52	BM	2	1

Sample Matrix:		Drinking Water		Lab Sample Number: 231006052-019					
Sample Location:		Rm 320 Sink DS		Customer Sample Number:					
Sampled By:		Client							
Sample Date/Time:		12/9/2023 8:00							
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.389	mg/L	1.3	12/20/2023	10:39	BPD	0.05	1
Lead-1st Draw	SM3113B	2.03	µg/L	15	12/26/2023	19:58	BM	2	1

Sample Matrix:		Drinking Water		Lab Sample Number: 231006052-020					
Sample Location:		Rm 244 Sink DS		Customer Sample Number:					
Sampled By:		Client							
Sample Date/Time:		12/9/2023 8:02							
Parameters	Method	Results	Units	NJDEP Limit	Date Analyzed	Time Analyzed	Analyst	Reporting Limit	Dilution Factor
Copper-1st Draw	SM3111B	0.512	mg/L	1.3	12/20/2023	10:39	BPD	0.05	1
Lead-1st Draw	SM3113B	4.82	µg/L	15	12/26/2023	20:52	BM	2	1

Voorhees High School
NJ Lab ID# 14013 (Dover)
NJ Lab ID# 13033 (Marlboro)

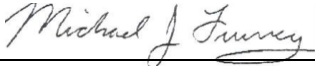
** Result does not meet NJDEP Limits.

NJDEP Limit for free and/or total chlorine does not apply to non-chlorinated samples.

Any method followed by an asterisk (*) was analyzed by the Agra-Marlboro laboratory.

All other methods, unless otherwise specified, were analyzed by the Agra-Dover laboratory.

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



Michael J Furrey, President

December 29, 2023



CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

2310060

231006052

Customer Name:	Voorhees High School	Report to:	McGowan	Agra Environmental Services	#	Asc./HCl Vials	pH:
Location:				90 1/2 West Blackwell Street	#	HCl Vials	pH:
Address:	256 CR-513			Dover, NJ 07801	#	Na ₂ S ₂ O ₃	Cl ₂ :
	Glen Gardner, NJ, 08826			Phone: (973) 989-0010	#	HNO ₃	pH: 4.2
Customer Contact:	Rob Sabo			Fax: (973) 989-0156	#	H ₂ SO ₄	pH:
Phone: Work/Cell	908-645-2555 / 908-399-5555				#	NaOH	pH:
					#	unpreserved	
					#	other	
					#	other	

Matrix Abbreviations: DW - Drinking water GW - Ground Water RAW-GW - DW RAW GW WW/NPW - Wastewater SL - Sludge P - Pool L - Lake

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Project: 1st Draw PbCu			Collection		PWSID# NJ1019314				for laboratory use only		Field Analysis	
Sample ID	Location	Date	Time	Grab	Comp	Matrix	# of Bottles	Preservative	ANALYSIS REQUESTED	pH / Temp	Cl ₂ or PO ₄	
231006052-001	Trainers Rm	12/9/23	7:15AMX			DW	1	HNO3	1st Draw PbCu			
231006052-002	AG Shop Fountain	12/9/23	7:19AMX			DW	1	HNO3	1st Draw PbCu			
231006052-003	RM 154 Sink	12/9/23	7:23AMX			DW	1	HNO3	1st Draw PbCu			
231006052-004	Kitchen Sink #1	12/9/23	7:28AMX			DW	1	HNO3	1st Draw PbCu			
231006052-005	Kitchen Sink #2	12/9/23	7:29AMX			DW	1	HNO3	1st Draw PbCu			
231006052-006	Kitchen Sink #3	12/9/23	7:30AMX			DW	1	HNO3	1st Draw PbCu			
231006052-007	Kitchen Sink #4	12/9/23	7:31AMX			DW	1	HNO3	1st Draw PbCu			
231006052-008	Kitchen Sink #5	12/9/23	7:32AMX			DW	1	HNO3	1st Draw PbCu			
231006052-009	Main Cafe R sink	12/9/23	7:33AMX			DW	1	HNO3	1st Draw PbCu			
231006052-010	Commercial Foods HS	12/9/23	7:34AMX			DW	1	HNO3	1st Draw PbCu			

Sampled By (name/company):

Are these samples for compliance? (circle one): Yes or No

Indicate laboratory location where analysis request was performed

1206 Sabo

NJDEP Laboratory Certification (Dover, NJ) #14013

NJDEP Laboratory Certification (Marlboro, NJ) #13033

Reporting Requirements (Check Box):

Standard

NJ
ReducedOther
(Specify)

Cooler Temperature Upon Receipt at lab:

NA

Sample Custody Exchanges (Please use full legal signature)

Comments:

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Pres w/ HNO ₃ @ lab 12/11/23 @ 1540 ve
<i>Rob Sabo</i>	12-11-23	13:22	<i>Tyler Boock</i>	12/11/23	1322	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
<i>Tyler Boock</i>	12/11/23	1443	<i>V. L.</i>	12/11/23	1530	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Date Faxed _____
						Invoice Number _____
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Is sample known to be hazardous? (circle one) Yes or No



CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

2310060
231006052

Customer Name:	Voorhees High School	Report to:	McGowan	Agra Environmental Services	#	Asc./HCl Vials	pH:
Location:				90 1/2 West Blackwell Street	#	HCl Vials	pH:
Address:	256 CR-513			Dover, NJ 07801	#	Na ₂ S ₂ O ₃	Cl ₂ :
	Glen Gardner, NJ, 08826			Phone: (973) 989-0010	#	HNO ₃	pH:
Customer Contact:	Rob Sabo			Fax: (973) 989-0156	#	H ₂ SO ₄	pH:
Phone: Work/Cell	908-645-2555 / 908-399-5555				#	NaOH	pH:
					#	unpreserved	
					#	other	
					#	other	

Matrix Abbreviations: DW - Drinking water GW - Ground Water RAW-GW - DW RAW GW WW/NPW - Wastewater SL - Sludge P - Pool L - Lake

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Project: 1st Draw PbCu			Collection		PWSID# NJ1019314				for laboratory use only		Field Analysis	
Sample ID	Location	Date	Time	Grab	Comp	Matrix	# of Bottles	Preservative	ANALYSIS REQUESTED	pH / Temp	Cl ₂ or PO ₄	
231006052-011	Guidance Sink	12/9/23	7:39 AM			DW	1	HNO3	1st Draw PbCu			
231006052-012	Nurse Hand Sink	12/9/23	7:41 AM			DW	1	HNO3	1st Draw PbCu			
231006052-013	Main Office Sink	12/9/23	7:43 AM			DW	1	HNO3	1st Draw PbCu			
231006052-014	RM 163 Sink	12/9/23	7:46 AM			DW	1	HNO3	1st Draw PbCu			
231006052-015	RM 165 Sink	12/9/23	7:48 AM			DW	1	HNO3	1st Draw PbCu			
231006052-016	Men's Left by 260	12/9/23	7:52 AM			DW	1	HNO3	1st Draw PbCu			
231006052-017	RM 210 Left Sink	12/9/23	7:55 AM			DW	1	HNO3	1st Draw PbCu			
231006052-018	RM 211 Right Sink	12/9/23	7:57 AM			DW	1	HNO3	1st Draw PbCu			
231006052-019	RM 320 Sink	12/9/23	8:00 AM			DW	1	HNO3	1st Draw PbCu			
231006052-020	RM 244 Sink	12/9/23	8:02 AM			DW	1	HNO3	1st Draw PbCu			

Sampled By (name/company):

Are these samples for compliance? (circle one): Yes or No

Indicate laboratory location where analysis request was performed

NJDEP Laboratory Certification (Dover, NJ) #14013

NJDEP Laboratory Certification (Marlboro, NJ) #13033

Reporting Requirements (Check Box):

Standard

NJ
ReducedOther
(Specify)

Cooler Temperature Upon Receipt at lab:

NA

Sample Custody Exchanges (Please use full legal signature)

Comments:

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Date Faxed _____ Invoice Number _____ Is sample known to be hazardous? (circle one) Yes or No
	12/11/23	13:22		12/11/23	15:22	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
	12/11/23	14:43		12/11/23	15:30	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	



Instructions for Drinking Water Lead and Copper Testing – Small Water System

(please read before opening sample bottle)

E-mail info@agra.us, Website www.agra.us

Environmental & Laboratory Services
90 ½ West Blackwell Street, Dover, New Jersey 07801
Phone (973) 989-0010, Fax (973) 989-0166

1. These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and the New Jersey Department of Environmental Protection (NJDEP) under the Federal and State Safe Drinking Water Acts. These samples help assess the need for, or the effectiveness of, corrosion control treatment to minimize exposure to lead and/or copper through drinking water.
2. A Consumer Notice of the results from this sampling effort and information about lead results from the laboratory. In the event of a lead action level exceedance, Public Education material must be visibly posted and distributed to persons served by the water system, e.g., employees, within 60 days of the end of this monitoring period.
3. You must sample from the approved sample locations outlined in your Lead and Copper Sampling Plan (Plan) and the PbCu Sample Location Spreadsheet (BWSE-18). If any changes have been made to your sampling sites, such as plumbing repairs or site changes, a revised BWSE-18 form must be submitted to the NJDEP and your laboratory prior to sample collection.
4. The sampling procedure described below must be followed to ensure accurate and acceptable lead and copper samples are collected.
5. Do not use any water within your building(s) (restrict access to the building if possible) for a minimum of 6-hours prior to sample collection. This includes irrigation, toilets and other outlets even if they are not to be sampled. If sample taps are tempered, turn the hot water off at least 6 hours prior to sampling. Early mornings before any staff arrive is the best sampling time to ensure that the necessary 6-hour water stagnation requirement is met. Do not intentionally flush the tap before the start of the 6-hour stagnation period.
6. Do not remove or clean the reactor prior to sampling. Place the opened 1L wide-mouth sample bottle below the faucet and open the cold water tap as you would do to fill a glass of water. Fill the sample bottle to the line marked "1000-mL" and turn off the water.
7. Tightly cap the sample bottle and place it in the sample kit provided.
8. Follow procedures outlined in your Plan regarding system-specific details and the laboratory sampling protocols.
9. Complete the Chain of Custody and the information below.
10. Call Agra Environmental at 973-989-0010 if you have questions regarding the instructions or sample sites have changed.

TO BE COMPLETED BY THE SAMPLE COLLECTOR

Water System Name: Voorhees High School

Public Water System ID Number: 1019314

Sample collection address: 256 County Line Rd 513, Glen Gardner NJ, 08826

Sample Location:

Were Standard PBCU# sample location(s) sampled? Yes [x] No []

If No, were Alternate PBCU# sample location(s) sampled? Yes [] No [x]

Was a point of use filter/treatment unit in operation at the location(s) being sampled? Yes [] No [x]

If yes, where?

Does the facility operate 24-hours per day? Yes [] No [x]

If yes, were procedures completed to ensure that the 6-hour stagnation period or NJDEP approved longest standing time was met? Yes [] No []

If yes, explain:

Water was last used:

Time: 9:00 AM/PM

Date: 12-8-23

Sample was collected:

Time: 7:15 AM/PM

Date: 12-9-23

I have read the above directions and have taken tap sample(s) in accordance with these directions.

Signature: *[Signature]*

Print name: K66 5460

Phone number/email: 908-638-2152
Date: 12-9-23
Date: 12-9-23