



20-21 Wagaraw Road – Bldg. 35E, Fair Lawn, NJ 07410
PH (973) 636-9145 FAX (973) 636-9144
Email: Envirovision@optonline.net

CLIENT: Park Ridge School District
PROJECT: Lead (Pb) in Water Sampling
ADDRESS: 2 Park Avenue, Park ridge, NJ 07656
FIELD TECHNICIANS: Jordan Pryske

Project Number 21-413
Park Ridge Jr./ Sr. High School
REPORT DATE: November 4, 2021

As per your request, EnviroVision Consultants, Inc. was contracted by Park Ridge School District to conduct Lead (Pb) in water sampling at the Park Ridge Jr./Sr. High School on November 4, 2021. The sample locations, in addition to a unique sample location code was determined/assigned by school district personnel. The school district performed the proper flushing of outlets prior to sampling and EnviroVision was instructed to collect only first draw samples for this sampling event. The school district's corresponding flushing logs should be attached to this report.

The facility was closed at the time of sampling in order to prevent occupants from utilizing any water outlets. After flushing, the water in the facility must remain motionless in the plumbing fixtures for a minimum of 8 hours, but no more than 48 hours. Cold water samples were collected in pre-cleaned high-density polyethylene (HDPE) 250mL wide mouth bottles.

Samples were analyzed at Aqua Pro-Tech Laboratories in Fairfield, New Jersey *(NJDEP #07010), accredited in accordance with NELAC (National Environmental Laboratory Accreditation Conference). The analytical method utilized was inductively coupled plasma mass spectrometry ICP-MS (EPA 200.8).

Nineteen of the twenty-three initially requested samples were collected from the Park Ridge Jr./Sr. High School. The remaining water outlets were either permanently out of service or disabled due to Covid-19 restrictions. An Additional field blank was collected as required.

Results: Eighteen of the nineteen samples analyzed were either "None Detected" or less than the EPA established threshold for lead in drinking water. However, one of the samples was above the allowable limit established by The United States Environmental Protection Agency (USEPA) of 15 parts per billion (ppb). When a water outlet/faucet meets or exceeds the USEPA threshold, EnviroVision recommends that the outlet/faucet be immediately put out of service until the system can be further evaluated and proper remedial action is achieved.



PARK RIDGE JR./SR./ HIGH SCHOOL - LEAD (Pb) in Water Results of Concern

Outlet ID/Sample Number	Location	Results
HS-FP-01	Kitchen Pot Filler	28.4 ppb

Due to the elevated levels in the above outlets, we recommend that some or all of the following steps be taken at this time;

- Closure of the affected water outlet(s) until the system can be further evaluated and proper remedial action is achieved.
- Removal and replacement with non-lead containing fixtures.
- Installation of filtration systems.
- Development of a Flushing Program for those taps high in lead and turbidity (this may include automatic flushing systems).
- Contact the local water utility company to obtain information about their corrosion control procedures and how it might affect the District's control plans.
- Permanent closure of outlet(s).

Once the remedial action(s) are complete, follow up testing is required to ensure alterations/replacement to plumbing fixtures has lowered the amount of lead to acceptable levels.

I have also enclosed documents with detailed steps from the New Jersey Department of Environmental Protection regarding notifications that must be made, posting of results, and initial and long-term remedial requirements.

If you have any questions, or if we could be of any further assistance, please feel free to contact our office. EnviroVision looks forward to providing you with the service and attention to detail you have come to expect from us.

Sincerely,
EnviroVision Consultants, Inc.

Cathy DiNardo
Cathy DiNardo, Project Manager

Attached: Lab results, Associated data sheets, DEP Overview of Lead in Drinking Water at School Facilities, DEP Guidance for Selecting a Remedial Measure for Lead Removal



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing



ANALYTICAL RESULTS

STANDARD DELIVERABLES FORMAT

APL WORK ORDER NUMBER: 1110257

EnviroVision Consultants, Inc.

Project: Park Ridge Jr/Sr High School

Brian Wood
Laboratory Director

All Results meet the requirements of the National Environmental Laboratory Accreditation Conference and/or
State specific certifications as applicable.

Report Date: Nov 23, 2021

1275 Bloomfield Ave., Bldg. 6, Fairfield, New Jersey 07004
(t) 973.227.0422 (f) 973.227.2813 (w) www.aquaprotechlabs.com

NELAC National Environmental Laboratory Accreditation Conference
NJDEP #07010 / NYDOH #11634



AQUA PRO-TECH LABORATORIES
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Analytical Results Summary

Park Ridge Jr/Sr High School

Client: EnviroVision Consultants, Inc.
APL Order ID: 1110257

Contact: Cathy DiNardo
Received: 11/04/21 11:05

Sample ID/Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
1110257-01 (Drinking Water)		HS-WC-BFG1		Collected:	11/04/21	06:42		
Total Metals								
Lead	EPA 200.8	11/09/21 18:27	11/09/21 18:27	ND	U	0.137	2.00	ug/L
1110257-02 (Drinking Water)		HS-WC-BFG2		Collected:	11/04/21	06:44		
Total Metals								
Lead	EPA 200.8	11/09/21 18:30	11/09/21 18:30	ND	U	0.137	2.00	ug/L
1110257-03 (Drinking Water)		HS-PF-KT1		Collected:	11/04/21	06:45		
Total Metals								
Lead	EPA 200.8	11/09/21 18:33	11/09/21 18:33	0.297		0.137	2.00	ug/L
1110257-04 (Drinking Water)		HS-FP-01		Collected:	11/04/21	06:47		
Total Metals								
Lead	EPA 200.8	11/09/21 18:45	11/09/21 18:45	28.4		0.137	2.00	ug/L
1110257-05 (Drinking Water)		HS-FP-02		Collected:	11/04/21	06:49		
Total Metals								
Lead	EPA 200.8	11/09/21 18:48	11/09/21 18:48	2.13		0.137	2.00	ug/L
1110257-06 (Drinking Water)		HS-FP-03		Collected:	11/04/21	06:51		
Total Metals								
Lead	EPA 200.8	11/09/21 18:51	11/09/21 18:51	1.43		0.137	2.00	ug/L
1110257-07 (Drinking Water)		HS-FP-04		Collected:	11/04/21	06:53		
Total Metals								
Lead	EPA 200.8	11/09/21 18:53	11/09/21 18:53	0.717		0.137	2.00	ug/L
1110257-08 (Drinking Water)		HS-WC-BF11		Collected:	11/04/21	06:56		
Total Metals								
Lead	EPA 200.8	11/09/21 18:56	11/09/21 18:56	ND	U	0.137	2.00	ug/L
1110257-09 (Drinking Water)		HS-WC-BF12		Collected:	11/04/21	06:57		
Total Metals								
Lead	EPA 200.8	11/09/21 18:59	11/09/21 18:59	ND	U	0.137	2.00	ug/L

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

Park Ridge Jr/Sr High School

Client: EnviroVision Consultants, Inc.

Contact: Cathy DiNardo

APL Order ID: 1110257

Received: 11/04/21 11:05

Sample ID/Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
1110257-10 (Drinking Water)		HS-TL-103		Collected:	11/04/21	07:01		
Total Metals								
Lead	EPA 200.8	11/09/21 19:02	11/09/21 19:02	4.42		0.137	2.00	ug/L
1110257-11 (Drinking Water)		HS-WC-BF21		Collected:	11/04/21	07:05		
Total Metals								
Lead	EPA 200.8	11/09/21 19:05	11/09/21 19:05	ND	U	0.137	2.00	ug/L
1110257-12 (Drinking Water)		HS-WC-BF22		Collected:	11/04/21	07:07		
Total Metals								
Lead	EPA 200.8	11/09/21 19:08	11/09/21 19:08	ND	U	0.137	2.00	ug/L
1110257-13 (Drinking Water)		HS-NS-N01		Collected:	11/04/21	07:11		
Total Metals								
Lead	EPA 200.8	11/09/21 19:11	11/09/21 19:11	1.55		0.137	2.00	ug/L
1110257-14 (Drinking Water)		HS-WC-BFL1		Collected:	11/04/21	07:15		
Total Metals								
Lead	EPA 200.8	11/09/21 19:22	11/09/21 19:22	ND	U	0.137	2.00	ug/L
1110257-15 (Drinking Water)		HS-WC-BFG3		Collected:	11/04/21	07:17		
Total Metals								
Lead	EPA 200.8	11/09/21 19:25	11/09/21 19:25	ND	U	0.137	2.00	ug/L
1110257-16 (Drinking Water)		HS-WC-BF31		Collected:	11/04/21	07:18		
Total Metals								
Lead	EPA 200.8	11/09/21 19:28	11/09/21 19:28	ND	U	0.137	2.00	ug/L
1110257-17 (Drinking Water)		HS-IM-TRM		Collected:	11/04/21	07:22		
Total Metals								
Lead	EPA 200.8	11/09/21 19:31	11/09/21 19:31	0.289		0.137	2.00	ug/L
1110257-18 (Drinking Water)		HS-IM-CLR		Collected:	11/04/21	07:24		
Total Metals								
Lead	EPA 200.8	11/09/21 19:34	11/09/21 19:34	0.739		0.137	2.00	ug/L

FootNotes

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E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

Park Ridge Jr/Sr High School

Client: EnviroVision Consultants, Inc.
APL Order ID: 1110257

Contact: Cathy DiNardo
Received: 11/04/21 11:05

Sample ID/Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
1110257-19 (Drinking Water)		HS-WC-BFMG		Collected:	11/04/21 07:26			
Total Metals								
Lead	EPA 200.8	11/09/21 19:37	11/09/21 19:37	ND	U	0.137	2.00	ug/L
1110257-20 (Drinking Water)		HS-Blank		Collected:	11/04/21 07:30			
Total Metals								
Lead	EPA 200.8	11/09/21 19:40	11/09/21 19:40	ND	U	0.137	2.00	ug/L

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND, U - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation

APL 1110257

AQUA PRO-TECH LABORATORIES



Fairfield, NJ 07004

TEL: 973-227-0422

FAX: 973-227-2813

Contamination Level

Low	Medium	High
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CHAIN OF CUSTODY

Client: <u>Environson Consultants Inc</u>	Send Report To: <u>Same</u>
Address: <u>30-21 Weyers Rd</u>	Address: <u>Same</u>
City: <u>Fair Lawn, NJ</u>	
Phone: <u>973-636-9145</u>	Phone: <u>Same</u>
E-Mail: <u>environson@optonline.net</u>	Send Invoice To: <u>Same</u>
Project Name: <u>Park Ridge Jr/Kr High School</u>	Address: <u>Same</u>
Project Manager: <u>Cathy D. Nardo</u>	Sampling Location: <u>Park Ridge Jr/Kr High School</u>
Project or PO #: <u>21-413</u>	Sampled By: <u>Jordan Pysko</u>

Comments/Special Instructions:

Cooler Temp: 3.4

PWSID # _____ SRP# _____

ANALYSIS REQUESTED

Sample #	Sample Source: Field ID	Matrix Abbreviations:					Collect Date	Collect Time	Matrix	Grab	Comp	Sample Type	No. of Bottles	Preservative	Analysis Requested
		DW - Drinking Water	GS - Groundwater	MS - Wastewater	SW - Surface Water	Pool SPA									
01	HS-WC-BF61						11/4/21	0642	DW	✓			1	HNO3	Lead in Drinking Water
02	HS-WC-BF62						11/4/21	0644	DW	✓			1	HNO3	
03	HS-PF-KT1						11/4/21	0645	DW	✓			1	HNO3	
04	HS-FP-01						11/4/21	0647	DW	✓			1	HNO3	
05	HS-FP-02						11/4/21	0649	DW	✓			1	HNO3	
06	HS-FP-03						11/4/21	0651	DW	✓			1	HNO3	
07	HS-FP-04						11/4/21	0653	DW	✓			1	HNO3	
08	HS-WC-BF11						11/4/21	0656	DW	✓			1	HNO3	
09	HS-WC-BF12						11/4/21	0659	DW	✓			1	HNO3	
10	HS-TL-103						11/4/21	0701	DW	✓			1	HNO3	

RELINQUISHED BY: <u>Jordan Pysko</u>	RECEIVED BY: <u>Joh Gonzalez</u>	Date: <u>11-4-2021</u>
Sign: <u>Jordan Pysko</u>	Sign: <u>Joh Gonzalez</u>	Time: <u>10:55 am</u>
RELINQUISHED BY: <u>Joh Gonzalez</u>	RECEIVED BY: <u>Jordan Pysko</u>	Date: <u>11-4-2021</u>
Sign: <u>Joh Gonzalez</u>	Sign: <u>Jordan Pysko</u>	Time: <u>11:05 am</u>
RELINQUISHED BY: _____	RECEIVED BY: _____	Date: _____
Sign: _____	Sign: _____	Time: _____

CERTIFICATIONS: NELAP (National Environmental Accreditation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634

By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for these samples.



AQUA PRO-TECH LABORATORIES

www.aquaprotechlabs.com

1275 Bloomfield Avenue

Building 6

Fairfield, NJ 07004

TEL: 973-227-0422

FAX: 973-227-2813

Contamination Level

Low
Medium
High

CHAIN OF CUSTODY

Client: <u>EnviroVision Consultants Inc</u>	Send Report To: <u>Same</u>
Address: <u>20-01 Wagaraw Rd</u>	Address: <u>Same</u>
<u>Fair Lawn, NJ</u>	
Phone: <u>973-636-9145</u>	Phone: <u>Same</u>
E-Mail: <u>envirovision@optonline.net</u>	Send Invoice To: <u>Same</u>
Project Name: <u>Park Ridge Jr/Sr High School</u>	Address: <u>Same</u>
Project Manager: <u>Cathy DiNardo</u>	Sampling Location: <u>Park Ridge Junior/Senior High School</u>
Project or PO #: <u>21-413</u>	Sampled By: <u>Jordan Rysko</u>

Comments/Special Instructions:

Cooler Temp: 3.6

PWSID # _____ SRPH _____

ANALYSIS REQUESTED

Sample #	APL Order # (APL Will Provide)	Matrix Abbreviations:				Collect Date	Collect Time	Matrix	Grab Comp	Sample Type	No. of Bottles	Preservative
		DW - Drinking Water	GL - Groundwater	WM - Wastewater	SW - Surface Water	L - Lake	S - Soil	SH - Solid	SL - Sludge	PC - Paint	WC - Concrete	WC - Chips
11	15-WC-BF21					11/4/21	0705	DW	✓		1	H2O2
12	15-WC-BF20					11/4/21	0707	DW	✓		1	H2O2
13	15-NS-N21					11/4/21	0711	DW	✓		1	H2O2
14	15-WC-BF21					11/4/21	0715	DW	✓		1	H2O2
15	15-WC-BF23					11/4/21	0717	DW	✓		1	H2O2
16	15-WC-BF31					11/4/21	0718	DW	✓		1	H2O2
17	15-IM-RM					11/4/21	0720	DW	✓		1	H2O2
18	15-IM-CLR					11/4/21	0724	DW	✓		1	H2O2
19	15-WC-BF26					11/4/21	0726	DW	✓		1	H2O2
20	15-Blank					11/4/21	0730	DW	✓		1	H2O2

RELINQUISHED BY:	Print: <u>Jordan Rysko</u>	Sign: <u>[Signature]</u>	RECEIVED BY:	Print: <u>Jordan Rysko</u>	Sign: <u>[Signature]</u>	Date: <u>11-4-2021</u>	Time: <u>10:55am</u>
RELINQUISHED BY:	Print: <u>Jordan Rysko</u>	Sign: <u>[Signature]</u>	RECEIVED BY:	Print: <u>Jordan Rysko</u>	Sign: <u>[Signature]</u>	Date: <u>11-4-2021</u>	Time: <u>11:05am</u>
RELINQUISHED BY:	Print: <u>Jordan Rysko</u>	Sign: <u>[Signature]</u>	RECEIVED BY:	Print: <u>Jordan Rysko</u>	Sign: <u>[Signature]</u>	Date: <u>11-4-2021</u>	Time: <u>11:05am</u>

CERTIFICATIONS: NELAP (National Environmental Accreditation Program) NUDEP #07010 PADEP #68-02903 NYDOH #11634

By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for these samples.