

## 4.0 ANALYTICAL RESULTS

During the course of the site visit, Partner collected water samples at 38 locations. Partner did not attempt to disassemble mechanical equipment, open plumbing pipe chases, or assess materials within wall voids.

Sample names and their respective locations were updated from the July 30, 2016 sampling event based on relevant known plumbing information as provided by the site guide.

A total of 76 drinking water samples were collected from Passaic Valley Regional High School on December 12, 2021. A total of thirty-eight (38) samples were analyzed. The results are listed in Table 1 below.

<b>Sample Name</b>	<b>Location</b>	<b>Results (ppb)</b>
PV-POE	Janitors 103 C	2.658
PV-S-03	Nurse	0.4366
PV-WF-05	Next to Principal	7
PV-S-07	CR 142	2.066
PV-S-08	CR 142	0.9783
PV-S-09	CR 142	3,225
PV-S-10	CR 142	0.9254
PV-S-11	CR 142	ND
PV-S-12	CR 142	0.5445
PV-WF-13	Next CR 144	3.383
PV-S-14	Library	9.228
PV-WF-15	Next CR A	2.114
PV-WF-16	Locker Rm	2.303
PV-WF-19	Across 121A Storage	1,254
PV-WF-20	Across 122B	0.56
PV-WF-21	Next to CR 129	ND
PV-WF-22	Across Farrell Gym	0.3970
PV-WF-24	Across CR 205	3.821
PV-WF-26	Next to 200	10.07
PV-WF-28	Next to 240C	2.547
PV-WF-29	Next to 211C	1.741

**Table 1**  
**Analytical Results Summary**  
**PVRHS Drinking Water Samples**  
**December 12, 2021**

Sample Name	Location	Results (ppb)
PV-S-30	Classroom 222	10.01
PV-WF-31	Next to 223C	0.8749
PV-WF-32	Next to 211C	3.510
PV-S-33	Rear of CR 213	0.4328
PV-S-34	023	ND
PV-WF-35	023	1.112
PV-WF-36	Across from 22	0.8359
PV-S-37	0-27	0.6327
PV-S-39	Kitchen	3.768
PV-S-40	Kitchen	1.032
PV-S-41	Kitchen	1.675
PV-CM-42	Kitchen	ND
PV-WF-44	Cafeteria	0.5905
PV-WF-45	Faculty DM	1.214
PV-POE-46	GLR Office	5.930
PV-IM-47	Trainer's Office	2.024
PV-S-48	Trainer's Office	0.8919

**NOTES**

ND= Not detected. Lead levels not detected at the reporting limit (0.3430 ppb)

1 ppb = 1 ug/L

## **5.0 CONCLUSION**

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Sample analysis indicated that measured lead concentrations did not exceed the USEPA Action Level of 15 ppb for lead at Passaic Valley Regional High School.