

November 14, 2017 Project No: 170253

Kerri Barret West Michigan Academy of Environmental Science 4463 Leonard Street NW Walker, Michigan 49534

Re: Water Testing

West Michigan Academy of Environmental Science

Dear Mrs. Paul:

Please find the enclosed laboratory results from water samples Northern Analytical Services, LLC. (NAS) collected at the site. Samples were collected to determine the levels of the lead and copper present in drinking water at each active drinking fountain and sink found in the building. Testing was performed as part of an annual inspection of your building.

Samples were collected on September 26th and 27th, 2017 by Juston Rehkopf, a State of Michigan accredited Lead Based Paint Inspector (P05558) of NAS. Samples were collected by filling a single 250 milliliter container, pre-treated by the laboratory with acid, at each faucet/drinking fountain and delivering them to the laboratory for analysis. Sample collection was conducted in the morning prior to the water being used by occupants as a "first draw" sample. NAS did not flush or otherwise run each faucet or fountain prior to sample collection; to our knowledge each faucet and fountain sat dormant for at least 6 hours prior to sample collection.

Once delivered to the laboratory (Pace Analytical), samples were analyzed for the presence of copper and lead in accordance with US EPA method 200.8. A copy of the laboratory report is attached.

According to the US EPA's Lead and Copper rule, which applies to schools and child care facilities that meet the definition of a public water system, the practical quantitation limit (PQL) for lead is 0.005 micrograms of lead per liter of water (mg/L) and 0.050 mg/L for copper. The PQL is the concentration of lead or copper that can be reliably measured within specified limits during routine laboratory operating conditions using approved methods. The action level is the concentration of lead or copper in potable water which determines whether a system may be required to install corrosion control treatment, collect water quality parameter samples, collect source water samples, replace lead service lines, and /or deliver public education about lead. The action level for lead is 0.015 mg/L and 1.3 mg/L for copper.

Essentially the PQL is the limit of detection and the Action Level is the level at which steps should be taken in order to minimize or eliminate exposure to lead or copper. Actions to be taken when the action level is exceeded include the following:

- Public education-provide information to building occupants about the water quality.
- Water quality parameter (WQP) monitoring-establish a routine monitoring program.
- Source water monitoring and source water treatment if necessary.
- Corrosion control treatment (CCT).

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The following is a summary of our findings:

Sample ID	Location	Copper Concentration (mg/L)	Lead Concentration (mg/L)
WM-1	See Attached Drawing	0.081*	ND
WM-2	See Attached Drawing	0.026	ND
WM-3	See Attached Drawing	0.030	ND
WM-4	See Attached Drawing	0.23*	ND
WM-5	See Attached Drawing	0.093*	0.0016
WM-6	See Attached Drawing	0.19*	0.0022
WM-7	See Attached Drawing	0.15*	ND
WM-8	See Attached Drawing	0.44*	ND
WM-9	See Attached Drawing	0.40*	ND
WM-10	See Attached Drawing	0.18*	0.0016
WM-11	See Attached Drawing	0.12*	0.0014
WM-12	See Attached Drawing	0.037	ND
WM-13	See Attached Drawing	0.052*	ND
WM-14	See Attached Drawing	0.055*	ND
WM-15	See Attached Drawing	0.054*	0.0011
WM-16	See Attached Drawing	0.015	ND
WM-17	See Attached Drawing	0.014	ND
WM-18	See Attached Drawing	0.036	ND
WM-19	See Attached Drawing	0.059*	ND
WM-20	See Attached Drawing	0.067*	ND
WM-21	See Attached Drawing	0.039	ND
WM-22	See Attached Drawing	0.078*	ND
WM-23	See Attached Drawing	0.048	ND
WM-24	See Attached Drawing	0.063*	ND
WM-25	See Attached Drawing	0.050*	ND
WM-26	See Attached Drawing	0.38*	ND
WM-27	See Attached Drawing	1.2*	ND
WM-28	See Attached Drawing	0.40*	ND
WM-29	See Attached Drawing	0.30*	ND
WM-30	See Attached Drawing	0.33*	ND
WM-31	See Attached Drawing	0.44*	0.0077*
WM-32	See Attached Drawing	0.30*	0.0012
WM-33	See Attached Drawing	0.28*	ND
WM-34	See Attached Drawing	0.14*	ND
WM-35	See Attached Drawing	0.42*	ND
WM-36	See Attached Drawing	0.16*	ND

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WM-37	See Attached Drawing	0.078*	ND
WM-38	See Attached Drawing	0.080*	ND
WM-39	See Attached Drawing	0.10*	ND
WM-40	See Attached Drawing	0.10*	ND
WM-41	See Attached Drawing	0.16*	ND
WM-42	See Attached Drawing	0.19*	ND
WM-43	See Attached Drawing	0.18*	ND
WM-44	See Attached Drawing	0.15*	ND
WM-45	See Attached Drawing	0.17*	ND
WM-46	See Attached Drawing	0.17*	ND
WM-47	See Attached Drawing	0.16*	ND
WM-48	See Attached Drawing	0.18*	ND
WM-49	See Attached Drawing	0.30*	ND
WM-50	See Attached Drawing	0.16*	ND
WM-51	See Attached Drawing	0.37*	ND
WM-52	See Attached Drawing	0.18*	ND
WM-53	See Attached Drawing	0.45*	ND
WM-54	See Attached Drawing	0.39*	ND
WM-55	See Attached Drawing	0.34*	ND
WM-56	See Attached Drawing	0.14*	ND
WM-57	See Attached Drawing	0.090*	ND
WM-58	See Attached Drawing	0.14*	ND
WM-59	See Attached Drawing	0.14*	ND
WM-60	See Attached Drawing	0.25*	ND
WM-61	See Attached Drawing	0.16*	ND
WM-62	See Attached Drawing	0.31*	0.0030
WM-63	See Attached Drawing	0.30*	ND
WM-64	See Attached Drawing	0.11*	ND
WM-65	See Attached Drawing	0.25*	ND
WM-66	See Attached Drawing	0.051*	ND
WM-67	See Attached Drawing	0.19*	ND
WM-68	See Attached Drawing	0.32*	ND
WM-69	See Attached Drawing	0.12*	ND
WM-70	See Attached Drawing	0.083*	ND
WM-71	See Attached Drawing	0.089*	ND
WM-72	See Attached Drawing	0.25*	ND
WM-73	See Attached Drawing	0.22*	ND
WM-74	See Attached Drawing	0.21*	ND
WM-75	See Attached Drawing	0.22*	ND
WM-76	See Attached Drawing	0.21*	ND

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WM-77	See Attached Drawing	0.21*	ND
WM-78	See Attached Drawing	0.24*	ND
WM-79	See Attached Drawing	0.24*	ND
WM-80	See Attached Drawing	0.23*	ND
WM-81	See Attached Drawing	0.22*	ND
WM-82	See Attached Drawing	0.21*	ND
WM-83	See Attached Drawing	0.21*	ND
WM-84	See Attached Drawing	0.22*	ND
WM-85	See Attached Drawing	0.19*	ND
WM-86	See Attached Drawing	0.29*	ND
WM-87	See Attached Drawing	0.24*	ND
WM-88	See Attached Drawing	0.21*	ND

^{*} exceeds the PQL for lead or copper.

Of the 88 samples collected,80 exceeded the PQL for copper and one for lead. None of the samples exceeded the action level for lead or copper.

Based on these results, NAS recommends the following actions:

- Immediately post the public education poster found in appendix A of the attached Lead and Copper Rule near each faucet/fountain and distribute a copy of this information in pamphlet form to all building occupants.
- Immediately take the faucets/fountains described in sample WM-31 off line. Flush this unit (allow water to run for at least 5 minutes) and re-test no sooner than 8 hours after flushing.
- Test the water source to determine the level of lead and copper present. Please note the source is not likely to be an issue as many of the samples collected were below the PQL for lead and copper.
- Consider replacing this unit if the re-test results exceed the action level.
- Consider the installation of point source (faucet/drinking fountain) water filtration for lead.
- Consider the replacement of all water pipes and fixtures as a permanent solution.
- Re-test all fixtures at least annually, and following any major changes to the system.

NAS appreciates the opportunity to provide these services and looks forward to assisting you with any retesting needed. Please do not hesitate to contact me with any questions.

Sincerely

John J. Rehkopf President

^{**}exceeds the action level for lead or copper.





October 12, 2017

John Rehkopf Northern Analytical Services 14870 225th Avenue Big Rapids, MI 49307

RE: Project: West MI Academy

Pace Project No.: 462920

Dear John Rehkopf:

Enclosed are the analytical results for sample(s) received by the laboratory on September 29, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Gary Wood gary.wood@pacelabs.com (616)940-4206

Composition

Project Manager

Enclosures







CERTIFICATIONS

Project: West MI Academy

Pace Project No.: 462920

Grand Rapids Certification ID's

5560 Corporate Exchange Ct SE, Grand Rapids, MI 49512 ISO/IEC 17025:2005, Certificate #AT-1542.01

DoD-ELAP, Certificate #ADE-1542

Minnesota Department of Health, Certificate #1177224 Arkansas Department of Environmental Quality, Certificate #17-046-0

Georgia Environmental Protection Division, Stipulation Illinois Environmental Protection Agency, Certificate #004097

Michigan Department of Environmental Quality, Laboratory

#0034

New York State Department of Health, Serial #56192 and 56193

North Carolina Division of Water Resources, Certificate #659

Virginia Department of General Services, Certificate #9028 Wisconsin Department of Natural Resources, Laboratory #999472650

U.S. Department of Agriculture Permit to Receive Soil, Permit #P330-14-00305



SAMPLE SUMMARY

Project: West MI Academy

Pace Project No.: 462920

Lab ID	Sample ID	Matrix	Date Collected	Date Received
462920001	WM1	Drinking Water	09/26/17 08:59	09/29/17 08:53
462920002	WM2	Drinking Water	09/26/17 09:01	09/29/17 08:53
462920003	WM3	Drinking Water	09/26/17 09:01	09/29/17 08:53
462920004	WM4	Drinking Water	09/26/17 09:07	09/29/17 08:53
462920005	WM5	Drinking Water	09/26/17 09:07	09/29/17 08:53
462920006	WM6	Drinking Water	09/26/17 09:07	09/29/17 08:53
462920007	WM7	Drinking Water	09/26/17 09:07	09/29/17 08:53
462920008	WM8	Drinking Water	09/26/17 09:07	09/29/17 08:53
462920009	WM9	Drinking Water	09/26/17 09:07	09/29/17 08:53
462920010	WM10	Drinking Water	09/26/17 09:07	09/29/17 08:53
462920011	WM11	Drinking Water	09/26/17 09:08	09/29/17 08:53
462920012	WM12	Drinking Water	09/26/17 09:09	09/29/17 08:53
462920013	WM13	Drinking Water	09/26/17 09:09	09/29/17 08:53
462920014	WM14	Drinking Water	09/26/17 09:11	09/29/17 08:53
462920015	WM15	Drinking Water	09/26/17 09:11	09/29/17 08:53
462920016	WM16	Drinking Water	09/26/17 09:13	09/29/17 08:53
462920017	WM17	Drinking Water	09/26/17 09:13	09/29/17 08:53
462920018	WM18	Drinking Water	09/26/17 09:17	09/29/17 08:53
462920019	WM19	Drinking Water	09/26/17 09:17	09/29/17 08:53
462920020	WM20	Drinking Water	09/26/17 09:17	09/29/17 08:53
462920021	WM21	Drinking Water	09/26/17 09:19	09/29/17 08:53
462920022	WM22	Drinking Water	09/26/17 09:19	09/29/17 08:53
462920023	WM23	Drinking Water	09/26/17 09:19	09/29/17 08:53
462920024	WM24	Drinking Water	09/26/17 09:21	09/29/17 08:53
462920025	WM25	Drinking Water	09/26/17 09:22	09/29/17 08:53
462920026	WM26	Drinking Water	09/26/17 09:23	09/29/17 08:53
462920027	WM27	Drinking Water	09/26/17 09:24	09/29/17 08:53
462920028	WM28	Drinking Water	09/26/17 09:37	09/29/17 08:53
462920029	WM29	Drinking Water	09/26/17 09:39	09/29/17 08:53
462920030	WM30	Drinking Water	09/26/17 09:39	09/29/17 08:53
462920031	WM31	Drinking Water	09/26/17 09:40	09/29/17 08:53
462920032	WM32	Drinking Water	09/26/17 09:40	09/29/17 08:53
462920033	WM33	Drinking Water	09/26/17 09:43	09/29/17 08:53
462920034	WM34	Drinking Water	09/26/17 09:44	09/29/17 08:53
462920035	WM35	Drinking Water	09/26/17 09:51	09/29/17 08:53
462920036	WM36	Drinking Water	09/26/17 09:51	09/29/17 08:53
462920037	WM37	Drinking Water	09/26/17 09:58	09/29/17 08:53

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: West MI Academy

Pace Project No.: 462920

Lab ID	Sample ID	Matrix	Date Collected	Date Received
462920038	WM38	Drinking Water	09/26/17 09:58	09/29/17 08:53
462920039	WM39	Drinking Water	09/26/17 09:58	09/29/17 08:53
462920040	WM40	Drinking Water	09/26/17 09:58	09/29/17 08:53
462920041	WM41	Drinking Water	09/26/17 10:02	09/29/17 08:53
462920042	WM42	Drinking Water	09/26/17 10:02	09/29/17 08:53
462920043	WM43	Drinking Water	09/26/17 10:02	09/29/17 08:53
462920044	WM44	Drinking Water	09/26/17 10:02	09/29/17 08:53
462920045	WM45	Drinking Water	09/26/17 10:02	09/29/17 08:53
462920046	WM46	Drinking Water	09/26/17 10:04	09/29/17 08:53
462920047	WM47	Drinking Water	09/26/17 10:04	09/29/17 08:53
462920048	WM48	Drinking Water	09/26/17 10:04	09/29/17 08:53
462920049	WM49	Drinking Water	09/26/17 10:04	09/29/17 08:53
462920050	WM50	Drinking Water	09/26/17 10:04	09/29/17 08:53
462920051	WM51	Drinking Water	09/26/17 10:08	09/29/17 08:53
462920052	WM52	Drinking Water	09/26/17 10:08	09/29/17 08:53
462920053	WM53	Drinking Water	09/26/17 10:09	09/29/17 08:53
462920054	WM54	Drinking Water	09/26/17 10:09	09/29/17 08:53
462920055	WM55	Drinking Water	09/26/17 10:13	09/29/17 08:53
462920056	WM56	Drinking Water	09/26/17 10:13	09/29/17 08:53
462920057	WM57	Drinking Water	09/26/17 10:15	09/29/17 08:53
462920058	WM58	Drinking Water	09/26/17 10:15	09/29/17 08:53
462920059	WM59	Drinking Water	09/26/17 10:17	09/29/17 08:53
462920060	WM60	Drinking Water	09/26/17 10:17	09/29/17 08:53
462920061	WM61	Drinking Water	09/26/17 10:20	09/29/17 08:53
462920062	WM62	Drinking Water	09/26/17 10:20	09/29/17 08:53
462920063	WM63	Drinking Water	09/26/17 10:21	09/29/17 08:53
462920064	WM64	Drinking Water	09/26/17 10:21	09/29/17 08:53
462920065	WM65	Drinking Water	09/26/17 10:35	09/29/17 08:53
462920066	WM66	Drinking Water	09/26/17 10:35	09/29/17 08:53
462920067	WM67	Drinking Water	09/27/17 09:20	09/29/17 08:53
462920068	WM68	Drinking Water	09/27/17 09:21	09/29/17 08:53
462920069	WM69	Drinking Water	09/27/17 09:25	09/29/17 08:53
462920070	WM70	Drinking Water	09/27/17 09:25	09/29/17 08:53
462920071	WM71	Drinking Water	09/27/17 09:25	09/29/17 08:53
462920072	WM72	Drinking Water	09/27/17 09:27	09/29/17 08:53
462920073	WM73	Drinking Water	09/27/17 09:27	09/29/17 08:53
462920074	WM74	Drinking Water	09/27/17 09:27	09/29/17 08:53

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SAMPLE SUMMARY

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Pace Project No.: 462920

Lab ID	Sample ID	Matrix	Date Collected	Date Received
462920075	WM75	Drinking Water	09/27/17 09:27	09/29/17 08:53
462920076	WM76	Drinking Water	09/27/17 09:27	09/29/17 08:53
462920077	WM77	Drinking Water	09/27/17 09:27	09/29/17 08:53
462920078	WM78	Drinking Water	09/27/17 09:34	09/29/17 08:53
462920079	WM79	Drinking Water	09/27/17 09:34	09/29/17 08:53
462920080	WM80	Drinking Water	09/27/17 09:37	09/29/17 08:53
462920081	WM81	Drinking Water	09/27/17 09:37	09/29/17 08:53
462920082	WM82	Drinking Water	09/27/17 09:37	09/29/17 08:53
462920083	WM83	Drinking Water	09/27/17 09:37	09/29/17 08:53
462920084	WM84	Drinking Water	09/27/17 09:37	09/29/17 08:53
462920085	WM85	Drinking Water	09/27/17 09:37	09/29/17 08:53
462920086	WM86	Drinking Water	09/27/17 09:50	09/29/17 08:53
462920087	WM87	Drinking Water	09/27/17 09:39	09/29/17 08:53
462920088	WM88	Drinking Water	09/27/17 09:50	09/29/17 08:53



SAMPLE ANALYTE COUNT

Project: West MI Academy

Pace Project No.: 462920

Lab ID	Sample ID	Method	Analysts	Analytes Reported
462920001	WM1	EPA 200.8	CKD	2
462920002	WM2	EPA 200.8	CKD	2
462920003	WM3	EPA 200.8	CKD	2
462920004	WM4	EPA 200.8	CKD	2
462920005	WM5	EPA 200.8	CKD	2
462920006	WM6	EPA 200.8	CKD	2
462920007	WM7	EPA 200.8	CKD	2
462920008	WM8	EPA 200.8	CKD	2
462920009	WM9	EPA 200.8	CKD	2
462920010	WM10	EPA 200.8	CKD	2
462920011	WM11	EPA 200.8	CKD	2
462920012	WM12	EPA 200.8	CKD	2
462920013	WM13	EPA 200.8	CKD	2
462920014	WM14	EPA 200.8	CKD	2
462920015	WM15	EPA 200.8	CKD	2
462920016	WM16	EPA 200.8	CKD	2
462920017	WM17	EPA 200.8	CKD	2
462920018	WM18	EPA 200.8	CKD	2
462920019	WM19	EPA 200.8	CKD	2
462920020	WM20	EPA 200.8	CKD	2
462920021	WM21	EPA 200.8	CKD	2
462920022	WM22	EPA 200.8	CKD	2
462920023	WM23	EPA 200.8	CKD	2
462920024	WM24	EPA 200.8	CKD	2
462920025	WM25	EPA 200.8	CKD	2
462920026	WM26	EPA 200.8	CKD	2
462920027	WM27	EPA 200.8	CKD	2
462920028	WM28	EPA 200.8	CKD	2
462920029	WM29	EPA 200.8	CKD	2
462920030	WM30	EPA 200.8	CKD	2
462920031	WM31	EPA 200.8	CKD	2
462920032	WM32	EPA 200.8	CKD	2
462920033	WM33	EPA 200.8	CKD	2
462920034	WM34	EPA 200.8	CKD	2
462920035	WM35	EPA 200.8	CKD	2
462920036	WM36	EPA 200.8	CKD	2
462920037	WM37	EPA 200.8	CKD	2

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: West MI Academy

Pace Project No.: 462920

Lab ID	Sample ID	Method	Analysts	Analytes Reported
462920038	WM38	EPA 200.8	CKD	2
462920039	WM39	EPA 200.8	CKD	2
462920040	WM40	EPA 200.8	CKD	2
462920041	WM41	EPA 200.8	CKD	2
462920042	WM42	EPA 200.8	CKD	2
462920043	WM43	EPA 200.8	CKD	2
462920044	WM44	EPA 200.8	CKD	2
462920045	WM45	EPA 200.8	CKD	2
462920046	WM46	EPA 200.8	CKD	2
462920047	WM47	EPA 200.8	CKD	2
462920048	WM48	EPA 200.8	CKD	2
462920049	WM49	EPA 200.8	CKD	2
462920050	WM50	EPA 200.8	CKD	2
462920051	WM51	EPA 200.8	CKD	2
462920052	WM52	EPA 200.8	CKD	2
462920053	WM53	EPA 200.8	CKD	2
462920054	WM54	EPA 200.8	CKD	2
462920055	WM55	EPA 200.8	CKD	2
462920056	WM56	EPA 200.8	CKD	2
462920057	WM57	EPA 200.8	CKD	2
462920058	WM58	EPA 200.8	CKD	2
462920059	WM59	EPA 200.8	CKD	2
462920060	WM60	EPA 200.8	CKD	2
462920061	WM61	EPA 200.8	CKD	2
462920062	WM62	EPA 200.8	CKD	2
462920063	WM63	EPA 200.8	CKD	2
462920064	WM64	EPA 200.8	CKD	2
462920065	WM65	EPA 200.8	CKD	2
462920066	WM66	EPA 200.8	CKD	2
462920067	WM67	EPA 200.8	CKD	2
462920068	WM68	EPA 200.8	CKD	2
462920069	WM69	EPA 200.8	CKD	2
462920070	WM70	EPA 200.8	CKD	2
462920071	WM71	EPA 200.8	CKD	2
462920072	WM72	EPA 200.8	CKD	2
462920073	WM73	EPA 200.8	CKD	2
462920074	WM74	EPA 200.8	CKD	2



SAMPLE ANALYTE COUNT

Project: West MI Academy

Pace Project No.: 462920

Lab ID	Sample ID	Method	Analysts	Analytes Reported
462920075	WM75	EPA 200.8	CKD	2
462920076	WM76	EPA 200.8	CKD	2
462920077	WM77	EPA 200.8	CKD	2
462920078	WM78	EPA 200.8	CKD	2
462920079	WM79	EPA 200.8	CKD	2
462920080	WM80	EPA 200.8	CKD	2
462920081	WM81	EPA 200.8	CKD	2
462920082	WM82	EPA 200.8	CKD	2
462920083	WM83	EPA 200.8	CKD	2
462920084	WM84	EPA 200.8	CKD	2
462920085	WM85	EPA 200.8	CKD	2
462920086	WM86	EPA 200.8	CKD	2
462920087	WM87	EPA 200.8	CKD	2
462920088	WM88	EPA 200.8	CKD	2



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM1	Lab ID: 462	920001	Collected: 09/26/1	7 08:59	Received: 09/	/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Meth	nod: EPA 200	.8					
Copper Lead	0.081 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 12:3 10/05/17 12:3		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM2	Lab ID: 462	920002 C	collected: 09/26/1	17 09:01	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.8	3					
Copper Lead	0.026 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 12:42 10/05/17 12:42		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM3	Lab ID: 462	920003	Collected: 09/26/1	17 09:01	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water Analytical Method: EPA 200.8			.8					
Copper Lead	0.030 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 12:50 10/05/17 12:50		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM4	Lab ID: 462920004		Collected: 09/26/17 09:07		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8					
Copper Lead	0.23 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 12:55 10/05/17 12:51		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM5	Lab ID: 462920005		Collected: 09/26/17 09:07		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Copper Lead	0.093 0.0016	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 12:53 10/05/17 12:53		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM6	Lab ID: 462920006		Collected: 09/26/17 09:07		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	0.8					
Copper Lead	0.19 0.0022	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 12:50 10/05/17 12:50		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM7	Lab ID: 462920007		Collected: 09/26/17 09:07		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	0.8					
Copper Lead	0.15 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 12:58 10/05/17 12:58		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM8	Lab ID: 462920008		Collected: 09/26/17 09:07		Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	8					
Copper Lead	0.44 ND	mg/L mg/L	0.010 0.0010	10 1		10/06/17 12:59 10/05/17 12:56		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM9	Lab ID: 46	2920009	Collected: 09/26/1	17 09:07	Received: 09	9/29/17 08:53 I	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200.	8					
Copper Lead	0.40 ND	mg/L mg/L	0.010 0.0010	10 1		10/06/17 13:00 10/05/17 12:58		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM10	Lab ID: 462920010		Collected: 09/26/17 09:07		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	:hod: EPA 200.8	3					
Copper Lead	0.18 0.0016	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:0° 10/05/17 12:59		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM11	Lab ID: 462920011		Collected: 09/26/17 09:08		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	nod: EPA 200.	.8					
Copper Lead	0.12 0.0014	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:03 10/05/17 13:00		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM12	Lab ID: 462920012		ollected: 09/26/17 09:09		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8					
Copper Lead	0.037 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:02 10/05/17 13:02		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM13	Lab ID: 462920013		collected: 09/26/17 09:09		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200.	8					
Copper Lead	0.052 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:06 10/05/17 13:06		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM14	Lab ID: 462920014		Collected: 09/26/1	llected: 09/26/17 09:11		9/29/17 08:53 I	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	thod: EPA 200.	8					
Copper Lead	0.055 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:07 10/05/17 13:07		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM15	Lab ID: 462920015		Collected: 09/26/	17 09:11	Received: 09	eceived: 09/29/17 08:53 N		Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200	.8					
Copper	0.054	mg/L	0.0010	1		10/05/17 13:09	7440-50-8	
Lead	0.0011	mg/L	0.0010	1		10/05/17 13:09	7439-92-1	



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM16	Lab ID: 462920016		Collected: 09/26/1	ollected: 09/26/17 09:13		Received: 09/29/17 08:53		Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200	.8					
Copper	0.015	mg/L	0.0010	1		10/05/17 13:10	7440-50-8	
Lead	ND	mg/L	0.0010	1		10/05/17 13:10	7439-92-1	



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM17	Lab ID: 462920017		Collected: 09/26/17 09:13		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	nod: EPA 200.8	3					
Copper Lead	0.014 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:1 ² 10/05/17 13:1 ²		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM18	Lab ID: 462920018		Collected: 09/26/17 09:17		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8					
Copper Lead	0.036 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:12 10/05/17 13:12		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM19	Lab ID: 462920019		Collected: 09/26/17 09:17		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8					
Copper Lead	0.059 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:14 10/05/17 13:14		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM20	Lab ID: 462920020		Collected: 09/26/17 09:17		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	.8					
Copper Lead	0.067 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:15 10/05/17 13:15		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM21	Lab ID: 462920021		Collected: 09/26/17 09:19		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Copper Lead	0.039 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:45 10/05/17 13:45		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM22	Lab ID: 462920022		Collected: 09/26/17 09:19		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	thod: EPA 200.8	3					
Copper Lead	0.078 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:50 10/05/17 13:50		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM23	Lab ID: 462	2920023	Collected: 09/26/1	17 09:19	Received: 0	9/29/17 08:53 I	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200.	8					
Copper Lead	0.048 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:55 10/05/17 13:55		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM24	Lab ID: 462920024		Collected: 09/26/17 09:21		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8					
Copper Lead	0.063 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 13:57 10/05/17 13:57		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM25	Lab ID: 462	2920025	Collected: 09/26/1	7 09:22	Received: 0	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8					
Copper Lead	0.050 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 14:01 10/05/17 14:01		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM26	ample: WM26 Lab ID: 462920026		Collected: 09/26/1	17 09:23	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	8					
Copper Lead	0.38 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:04 10/05/17 14:02		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM27	Tample: WM27 Lab ID: 462920027		Collected: 09/26/1	7 09:24	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	8					
Copper Lead	1.2 ND	mg/L mg/L	0.020 0.0010	20 1		10/06/17 13:09 10/05/17 14:09		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM28	Lab ID: 462920028		Collected: 09/26/1	17 09:37	Received: 09	9/29/17 08:53	8:53 Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	.8						
Copper Lead	0.40 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:06 10/05/17 14:04			



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM29	Lab ID: 462920029		Collected: 09/26/1	ollected: 09/26/17 09:39		9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	8					
Copper Lead	0.30 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:10 10/05/17 14:06		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM30	Lab ID: 462	2920030	Collected: 09/26/1	17 09:39	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200	.8					
Copper Lead	0.33 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:12 10/05/17 14:07		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM31	Lab ID: 462	2920031	Collected: 09/26/1	7 09:40	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200.8	3					
Copper Lead	0.44 0.0077	mg/L mg/L	0.010 0.0010	10 1		10/06/17 13:13 10/05/17 14:08		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM32	VM32 Lab ID: 462920032		Collected: 09/26/1	7 09:40	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	nod: EPA 200.	8					
Copper Lead	0.30 0.0012	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:14 10/05/17 14:10		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM33	Lab ID: 462920033		Collected: 09/26/1	17 09:43	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	.8					
Copper Lead	0.28 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:15 10/05/17 14:11		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM34	Sample: WM34 Lab ID: 462920034		Collected: 09/26/1	17 09:44	Received: 09	9/29/17 08:53	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8						
Copper Lead	0.14 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:17 10/05/17 14:12			



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM35	ple: WM35 Lab ID: 462920035		Lab ID: 462920035		Collected: 09/26/17 09:51		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual		
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8							
Copper Lead	0.42 ND	mg/L mg/L	0.010 0.0010	10 1		10/06/17 13:18 10/05/17 14:16				



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM36	ample: WM36 Lab ID: 462920036		Collected: 09/26/1	17 09:51	Received: 09	9/29/17 08:53	08:53 Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual		
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8							
Copper Lead	0.16 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:19 10/05/17 14:1				



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM37	ample: WM37 Lab ID: 462920037		Collected: 09/26/1	ected: 09/26/17 09:58 Received: 09/29/17 08:53 Matrix: Di			Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	nod: EPA 200.	.8					
Copper Lead	0.078 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 14:18 10/05/17 14:18		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM38	Lab ID: 462	2920038	Collected: 09/26/1	7 09:58	Received: 0	9/29/17 08:53 I	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8					
Copper Lead	0.080 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 14:20 10/05/17 14:20		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM39	Lab ID: 462920039		Collected: 09/26/17 09:58		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 20	0.8					
Copper Lead	0.10 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:20 10/05/17 14:2		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM40	Lab ID: 46	2920040	Collected: 09/26/	17 09:58	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200	.8					
Copper Lead	0.10 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:22 10/05/17 14:22		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM41	Lab ID: 462920041		Collected: 09/26/17 10:02		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	8					
Copper Lead	0.16 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:26 10/05/17 14:26		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM42	M42 Lab ID: 462920042		Collected: 09/26/1	ected: 09/26/17 10:02 Received: 09/29/17 08:53 Matrix: Dri			Matrix: Drinkino	nking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8						
Copper Lead	0.19 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:3 ⁻¹ 10/05/17 14:3 ⁻¹		R1	



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM43	ample: WM43 Lab ID: 462920043		Collected: 09/26/1	17 10:02	Received: 09	9/29/17 08:53	3 Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	8						
Copper Lead	0.18 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:36 10/05/17 14:39			



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM44	Lab ID: 46	2920044	Collected: 09/26/	ollected: 09/26/17 10:02		Received: 09/29/17 08:53		Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200	8					
Copper Lead	0.15 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:3 10/05/17 14:4		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM45	Lab ID: 462920045		Collected: 09/26/1	d: 09/26/17 10:02 Received: 09/29/17 08:53 Matrix			Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8					
Copper Lead	0.17 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:47 10/05/17 14:41		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM46	Lab ID: 462920046		Collected: 09/26/1	17 10:04	Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8					
Copper Lead	0.17 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:48 10/05/17 14:42		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM47	mple: WM47 Lab ID: 462920047		Collected: 09/26/1	ed: 09/26/17 10:04 Received: 09/29/17 08:53 Mat			Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	0.8					
Copper Lead	0.16 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:49 10/05/17 14:46		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM48	mple: WM48 Lab ID: 462920048		Collected: 09/26/1	17 10:04	Received: 09	09/29/17 08:53 Matrix: Drinking Wa			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	8						
Copper Lead	0.18 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:5 10/05/17 14:4			



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM49	pple: WM49 Lab ID: 462920049		Collected: 09/26/1	7 10:04	Received: 09	9/29/17 08:53	29/17 08:53 Matrix: Drinking Wate		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8						
Copper Lead	0.30 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:52 10/05/17 14:49			



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM50	Lab ID: 462	920050	Collected: 09/26/17 10:04		Received: 09	Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 ICPMS Metals, Total	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8								
Copper	0.16	mg/L	0.0050	5	10/09/17 21:24	10/10/17 17:2	7 7440-50-8		
Lead	ND	mg/L	0.0010	1	10/09/17 21:24	10/10/17 16:2	2 7439-92-1		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM51	Lab ID: 462	920051	Collected: 09/26/17 10:08		Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Copper Lead	0.37 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:53 10/05/17 14:50		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM52	Lab ID: 462	2920052	Collected: 09/26/1	17 10:08	Received: 0	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200.	.8					
Copper Lead	0.18 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:54 10/05/17 14:51		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM53	Lab ID: 462920053		Collected: 09/26/1	ollected: 09/26/17 10:09		9/29/17 08:53 I	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200.	8					
Copper Lead	0.45 ND	mg/L mg/L	0.010 0.0010	10 1		10/06/17 13:56 10/05/17 14:53		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM54	Lab ID: 462	920054	Collected: 09/26/17 10:09		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ICPMS Metals, Total	Analytical Met	hod: EPA 20	0.8 Preparation Met	hod: EP	A 200.8			
Copper	0.39	mg/L	0.0050	5	10/09/17 21:24	10/10/17 17:34	7440-50-8	
Lead	ND	mg/L	0.0010	1	10/09/17 21:24	10/10/17 16:31	7439-92-1	



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM55	Lab ID: 462920055		Collected: 09/26/1	17 10:13	Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	8					
Copper Lead	0.34 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:57 10/05/17 14:54		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM56	Lab ID: 462	920056	Collected: 09/26/1	ollected: 09/26/17 10:13		Received: 09/29/17 08:53		Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	8					
Copper Lead	0.14 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 13:58 10/05/17 14:58		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM57	nple: WM57 Lab ID: 462920057		Collected: 09/26/1	17 10:15	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	8					
Copper Lead	0.090 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 14:56 10/05/17 14:56		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM58	Lab ID: 462920058		Collected: 09/26/1	7 10:15	Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200.	.8					
Copper Lead	0.14 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:02 10/05/17 14:57		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM59	Lab ID: 462920059		Collected: 09/26/17 10:17		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8					
Copper Lead	0.14 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:03 10/05/17 15:01		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM60	Lab ID: 462920060		Collected: 09/26/1	7 10:17	Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	nod: EPA 200.	8					
Copper Lead	0.25 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:04 10/05/17 15:03		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM61	pple: WM61 Lab ID: 462920061		Collected: 09/26/1	ed: 09/26/17 10:20 Received: 09/29/17 08:53 Matrix: Dr			Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Metl	nod: EPA 200.	8					
Copper Lead	0.16 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:06 10/05/17 15:06		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM62	Lab ID: 462	2920062 C	ollected: 09/26/17 10:20		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.8	1					
Copper Lead	0.31 0.0030	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:11 10/05/17 15:11		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM63	WM63 Lab ID: 462920063		Collected: 09/26/1	7 10:21	Received: 09/29/17 08:53 Matrix: Drinking			Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	0.8					
Copper Lead	0.30 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:18 10/05/17 15:2		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM64	Lab ID: 46	2920064	Collected: 09/26/1	7 10:21	Received: 09	9/29/17 08:53 I	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Me	thod: EPA 200	.8					
Copper Lead	0.11 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:20 10/05/17 15:22		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM65	Lab ID: 462920065		Collected: 09/26/1	17 10:35	Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8					
Copper Lead	0.25 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:2° 10/05/17 15:24		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM66	Lab ID: 462	920066	Collected: 09/26/1	ollected: 09/26/17 10:35		Received: 09/29/17 08:53		Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8					
Copper Lead	0.051 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 15:25 10/05/17 15:25		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM67	ole: WM67 Lab ID: 462920067		Collected: 09/27/1	ected: 09/27/17 09:20 Received: 09/29/17 08:53 Matrix: D			Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8					
Copper Lead	0.19 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:22 10/05/17 15:26		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM68	Sample: WM68 Lab ID: 4629200		Collected: 09/27/	17 09:21	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Copper Lead	0.32 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:23 10/05/17 15:2		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM69	Lab ID: 462	Lab ID: 462920069		Collected: 09/27/17 09:25		9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ICPMS Metals, Total	Analytical Me	hod: EPA 200	0.8 Preparation Met	hod: EP	A 200.8			
Copper	0.12	mg/L	0.0050	5	10/09/17 21:24	10/10/17 17:3	5 7440-50-8	
Lead	ND	mg/L	0.0010	1	10/09/17 21:24	10/10/17 16:3	2 7439-92-1	



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM70	VM70 Lab ID: 462920070		Collected: 09/27/1	: 09/27/17 09:25 Received: 09/29/17 08:5		9/29/17 08:53	3 Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ICPMS Metals, Total	Analytical Met	hod: EPA 200	0.8 Preparation Met	hod: EPA	A 200.8			



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM71	Lab ID: 462	2920071	Collected: 09/27/1	7 09:25	Received: 0	9/29/17 08:53 I	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Copper Lead	0.089 ND	mg/L mg/L	0.0010 0.0010	1 1		10/05/17 15:29 10/05/17 15:29		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM72	mple: WM72 Lab ID: 462920072		Collected: 09/27/1	ted: 09/27/17 09:27 Received: 09/29/17 08:53			Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8					
Copper Lead	0.25 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:25 10/05/17 15:30		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM73	ample: WM73 Lab ID: 462920073		Collected: 09/27/1	17 09:27	Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Copper Lead	0.22 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:26 10/05/17 15:34		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM74	: WM74 Lab ID: 462920074		Collected: 09/27/1	llected: 09/27/17 09:27 Received: 09/29/17 08:53 Matrix:			Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Copper Lead	0.21 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:27 10/05/17 15:35		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM75	pple: WM75 Lab ID: 462920075		Collected: 09/27/1	17 09:27	Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8					
Copper Lead	0.22 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:28 10/05/17 15:36		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM76	Lab ID: 462920076		Collected: 09/27/1	7 09:27	Received: 09	/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ICPMS Metals, Total	Analytical Met	hod: EPA 20	0.8 Preparation Met	hod: EP	A 200.8			
Copper	0.21	mg/L	0.0050	5	10/09/17 21:24	10/10/17 17:36	7440-50-8	
Lead	ND	mg/L	0.0010	1	10/09/17 21:24	10/10/17 16:35	7439-92-1	



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM77	Lab ID: 462920077		Collected: 09/27/17 09:27		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8					
Copper Lead	0.21 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:32 10/05/17 15:37		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM78	Lab ID: 462	920078	Collected: 09/27/1	llected: 09/27/17 09:34)/29/17 08:53 I	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ICPMS Metals, Total	Analytical Met	nod: EPA 200	0.8 Preparation Met	hod: EPA	A 200.8			
Copper Lead	0.24 ND	mg/L mg/L	0.0050 0.0010	-	10/09/17 21:24 10/09/17 21:24			



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM79	Lab ID: 462	Lab ID: 462920079		7 09:34	Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 ICPMS Metals, Total	Analytical Met	hod: EPA 200	0.8 Preparation Met	hod: EP	A 200.8			
Copper	0.24	mg/L	0.0050	5	10/09/17 21:24	10/10/17 17:39	9 7440-50-8	
Lead	ND	mg/L	0.0010	1	10/09/17 21:24	10/10/17 16:38	3 7439-92-1	



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM80	Lab ID: 462920080		Collected: 09/27/17 09:37		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	nod: EPA 200	.8					
Copper Lead	0.23 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:33 10/05/17 15:39		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM81 Lab ID: 4		920081	Collected: 09/27/1	17 09:37	Received: 09	9/29/17 08:53	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8					
Copper Lead	0.22 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:42 10/05/17 16:20		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM82	Lab ID: 462	2920082	Collected: 09/27/17 09:37		Received: 09/29/17 08:53		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200.	8					
Copper Lead	0.21 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:50 10/05/17 16:25		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM83	Lab ID: 462920083		Collected: 09/27/1	7 09:37	Received: 09	9/29/17 08:53	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Copper Lead	0.21 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:55 10/05/17 16:30		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM84	ample: WM84 Lab ID: 462920084		Collected: 09/27/	17 09:37	Received: 09	ceived: 09/29/17 08:53 Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8					
Copper Lead	0.22 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:50 10/05/17 16:3		



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM85	mple: WM85 Lab ID: 462920		Collected: 09/27/1	Received: 09	/29/17 08:53	Matrix: Drinking Water					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual			
200.8 ICPMS Metals, Total Analytical Method: EPA 200.8 Preparation Method: EPA 200.8											
Copper	0.19	mg/L	0.0050	5	10/09/17 21:24	10/10/17 17:43	3 7440-50-8				
Lead	ND	mg/L	0.0010	1	10/09/17 21:24	10/10/17 16:39	9 7439-92-1				



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM86	Lab ID: 4629	920086	Collected: 09/27/1	7 09:50	Received: 09	0/29/17 08:53	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual		
200.8 ICPMS Metals, Total Analytical Method: EPA 200.8 Preparation Method: EPA 200.8										
Copper Lead	0.29 ND	mg/L mg/L	0.0050 0.0010	-	10/09/17 21:24 10/09/17 21:24					



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM87	ple: WM87 Lab ID: 462920087		Collected: 09/27/1	17 09:39	Received: 09	9/29/17 08:53	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water	Analytical Met	hod: EPA 200	.8						
Copper Lead	0.24 ND	mg/L mg/L	0.0050 0.0010	5 1		10/06/17 14:57 10/05/17 16:36			



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Sample: WM88	Lab ID: 462920088		Collected: 09/27/1	7 09:50	Received: 09	/29/17 08:53 I	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual		
200.8 ICPMS Metals, Total Analytical Method: EPA 200.8 Preparation Method: EPA 200.8										
Copper	0.21	mg/L	0.0050	5	10/09/17 21:24	10/10/17 17:46	7440-50-8			
Lead	ND	mg/L	0.0010	1	10/09/17 21:24	10/10/17 16:44	7439-92-1			



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

QC Batch: 6193 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: ICPMS Metals, No Prep

Associated Lab Samples: 462920001, 462920002, 462920003, 462920004, 462920005, 462920006, 462920007, 462920008, 462920009,

462920010, 462920011, 462920012, 462920013, 462920014, 462920015, 462920016, 462920017, 462920018,

462920019, 462920020

METHOD BLANK: 25419 Matrix: Water

Associated Lab Samples: 462920001, 462920002, 462920003, 462920004, 462920005, 462920006, 462920007, 462920008, 462920009,

462920010, 462920011, 462920012, 462920013, 462920014, 462920015, 462920016, 462920017, 462920018,

462920019, 462920020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	mg/L	ND	0.0010	10/05/17 12:35	
Lead	mg/L	ND	0.0010	10/05/17 12:35	

LABOR	ATORY CONTROL SAM	MPLE: 25	420										
				Spike	LCS	;	LCS	% Red	;				
	Parameter		Units	Conc.	Resu	lt	% Rec	Limits	Qι	ualifiers			
Copper			mg/L	.02		0.020	100	85	 5-115		-		
Lead			mg/L	.02		0.019	97	85	i-115				
MATRIX	SPIKE & MATRIX SPI	KE DUPLIC	ATE: 25421			25422							
				MS	MSD								
			462920001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
	Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Copper		mg/L	0.081	.02	.02	0.099	0.10	92	95	70-130	1	20	
Lead		mg/L	ND	.02	.02	0.022	0.023	111	113	70-130	3	20	
MATRIX	(SPIKE & MATRIX SPI	KE DUPLIC	ATE: 25424			25425							
				MS	MSD								
			462920002	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
	Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
					00	0.040	0.040	405	07	70.400			
Copper		mg/L	0.026	.02	.02	0.048	0.046	105	97	70-130	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

QC Batch: 6194 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: ICPMS Metals, No Prep

Associated Lab Samples: 462920021, 462920022, 462920023, 462920024, 462920025, 462920026, 462920027, 462920028, 462920029,

462920030, 462920031, 462920032, 462920033, 462920034, 462920035, 462920036, 462920037, 462920038,

462920039, 462920040

METHOD BLANK: 25427 Matrix: Water

Associated Lab Samples: 462920021, 462920022, 462920023, 462920024, 462920025, 462920026, 462920027, 462920029,

462920030, 462920031, 462920032, 462920033, 462920034, 462920035, 462920036, 462920037, 462920038,

462920039, 462920040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	mg/L	ND	0.0010	10/05/17 13:16	
Lead	mg/L	ND	0.0010	10/05/17 13:16	

LABORAT	TORY CONTROL SAMPI	E: 254	1 28										
				Spike	LCS		LCS	% Red	;				
	Parameter		Units	Conc.	Resu	lt	% Rec	Limits	Qι	ualifiers			
Copper			mg/L	.02		0.020	101	85	 5-115		•		
Lead			mg/L	.02		0.019	95	85	5-115				
MATRIX S	SPIKE & MATRIX SPIKE	DUPLIC	ATE: 25429			25430							
				MS	MSD								
			462920021	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
	Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Copper		mg/L	0.039	.02	.02	0.057	0.059	91	100	70-130	3	20	
Lead		mg/L	ND	.02	.02	0.023	0.022	112	109	70-130	3	20	
MATRIX S	SPIKE & MATRIX SPIKE	DUPLIC	ATE: 25432			25433							
				MS	MSD								
			462920022	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
	Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Copper		mg/L	0.078	.02	.02	0.097	0.097	93	97	70-130	1	20	
Lead		mg/L	ND	.02	.02	0.023	0.023	114	113	70-130	- 1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

QC Batch: 6195 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: ICPMS Metals, No Prep

Associated Lab Samples: 462920041, 462920042, 462920043, 462920044, 462920045, 462920046, 462920047, 462920048, 462920049,

METHOD BLANK: 25435 Matrix: Water

Associated Lab Samples: 462920041, 462920042, 462920043, 462920044, 462920045, 462920046, 462920047, 462920048, 462920049,

		Blank	Reporting		
Parameter	Units	Result	Limit	Analyzed	Qualifiers
Copper	mg/L	ND	0.0010	10/05/17 14:24	
Lead	mg/L	ND	0.0010	10/05/17 14:24	

LABORA	ATORY CONTROL SA	AMPLE: 254	136										
				Spike	LCS	;	LCS	% Rec	;				
	Parameter		Units	Conc.	Resu	lt	% Rec	Limits	Qι	ualifiers			
Copper			mg/L	.02		0.020	99	85	-115		-		
Lead			mg/L	.02		0.020	98	85	-115				
MATRIX	SPIKE & MATRIX SI	PIKE DUPLICA	ATE: 25437			25438							
				MS	MSD								
			462920041	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
	Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Copper		mg/L	0.16	.1	.1	0.25	0.26	94	108	70-130	5	20	
Lead		mg/L	ND	.02	.02	0.023	0.024	114	120	70-130	5	20	
MATRIX	SPIKE & MATRIX SI	PIKE DUPLIC	ATE: 25440			25441							
				MS	MSD								
			462920042	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
	Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Copper		mg/L	0.19	.1	.1	0.28	0.29	91	99	70-130	3	20	
Lead		mg/L	ND	.02	.02	0.023	0.023	115	111	70-130	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

QC Batch: 6196 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: ICPMS Metals, No Prep

462920061, 462920062, 462920063, 462920064, 462920065, 462920066, 462920067, 462920068, 462920071, Associated Lab Samples:

462920072, 462920073, 462920074, 462920075, 462920077, 462920080

METHOD BLANK: 25443 Matrix: Water

Associated Lab Samples:

462920072, 462920073, 462920074, 462920075, 462920077, 462920080

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	mg/L	ND	0.0010	10/05/17 15:04	
Lead	mg/L	ND	0.0010	10/05/17 15:04	

LABORATORY CONTROL	SAMPLE: 25	444										
Parameter		Units	Spike Conc.	LCS Resu		LCS % Rec	% Red Limits		ualifiers			
Copper		mg/L	.02		0.020	98	85	 5-115		-		
Lead		mg/L	.02		0.019	97	85	5-115				
MATRIX SPIKE & MATRIX	SPIKE DUPLIC	CATE: 25445			25446							
			MS	MSD								
		462920061	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Copper	mg/L	0.16	.1	.1	0.25	0.25	88	85	70-130	1	20	
Lead	mg/L	ND	.02	.02	0.022	0.021	108	106	70-130	2	20	
MATRIX SPIKE & MATRIX	SPIKE DUPLIC	CATE: 25448			25449							
			MS	MSD								
		462920062	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Copper	mg/L	0.31	.1	.1	0.41	0.40	91	83	70-130	2	20	
Lead	mg/L	0.0030	.02	.02	0.026	0.027	115	120	70-130	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

QC Batch: 6213 Analysis Method: EPA 200.8

QC Batch Method: EPA 200.8 Analysis Description: ICPMS Metals, No Prep

462920081, 462920082, 462920083, 462920084, 462920087 Associated Lab Samples:

METHOD BLANK: 25565 Matrix: Water

Associated Lab Samples: 462920081, 462920082, 462920083, 462920084, 462920087

> Blank Reporting

Limit Qualifiers Parameter Units Result Analyzed Copper ND 0.0010 10/05/17 16:15 mg/L Lead mg/L ND 0.0010 10/05/17 16:15

LABORATORY CONTROL SAMPLE: 25566 Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers 85-115

Copper .02 0.020 99 mg/L Lead .02 0.019 97 85-115 mg/L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 25567 25568 MSD MS 462920081 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits **RPD** RPD Qual

Copper mg/L 0.22 .1 .1 0.31 0.31 90 93 70-130 20 Lead mg/L ND .02 .02 0.024 0.024 118 118 70-130 0 20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 25571 25570 MS MSD 462920082 MS MSD MS Spike Spike MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits **RPD** RPD Qual

Copper 0.21 0.29 0.31 80 102 70-130 8 20 mg/L .1 .1 Lead ND .02 .02 0.024 0.024 119 118 70-130 20 mg/L 1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

QC Batch: 6389 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET

Associated Lab Samples: 462920050, 462920054, 462920069, 462920070, 462920076, 462920078, 462920079, 462920085, 462920086,

462920088

METHOD BLANK: 26230 Matrix: Water

Associated Lab Samples: 462920050, 462920054, 462920069, 462920070, 462920076, 462920078, 462920079, 462920085, 462920086,

462920088

Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
mg/L	ND	0.0010	10/10/17 16:19	
mg/L	ND	0.0010	10/10/17 16:19	
	mg/L	$-\frac{\text{Units}}{\text{mg/L}} - \frac{\text{Result}}{\text{ND}} - {}$	$- \frac{ \text{Units} }{ \text{mg/L} } \frac{ \text{Result} }{ \text{ND} } \frac{ \text{Limit} }{ \text{0.0010} }$	- Units Result Limit Analyzed mg/L ND 0.0010 10/10/17 16:19

LABORATORY CONTROL SAMPLE:	26231					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Copper	mg/L	.05	0.053	105	85-115	
Lead	mg/L	.05	0.049	99	85-115	

MATRIX SPIKE & MATRIX SF	IKE DUPLIC	ATE: 26232			26233							
			MS	MSD								
		462920050	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Copper	mg/L	0.16	.05	.05	0.21	0.21	98	97	70-130	0	20	
Lead	mg/L	ND	.05	.05	0.050	0.050	99	98	70-130	1	20	

MATRIX SPIKE & MATRIX SP	IKE DUPLIC	ATE: 26234			26235							
			MS	MSD					_			
		462924003	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Copper	mg/L	0.0047	.05	.05	0.052	0.053	94	97	70-130	3	20	
Lead	mg/L	ND	.05	.05	0.048	0.050	94	99	70-130	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: West MI Academy

Pace Project No.: 462920

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

Date: 10/12/2017 04:00 PM

R1 RPD value was outside control limits.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytic Batch
162920001		EPA 200.8	6193	_	
162920002	WM2	EPA 200.8	6193		
62920003	WM3	EPA 200.8	6193		
62920004	WM4	EPA 200.8	6193		
62920005	WM5	EPA 200.8	6193		
62920006	WM6	EPA 200.8	6193		
62920007	WM7	EPA 200.8	6193		
62920008	WM8	EPA 200.8	6193		
62920009	WM9	EPA 200.8	6193		
62920010	WM10	EPA 200.8	6193		
62920011	WM11	EPA 200.8	6193		
62920012	WM12	EPA 200.8	6193		
62920013	WM13	EPA 200.8	6193		
62920014	WM14	EPA 200.8	6193		
62920015	WM15	EPA 200.8	6193		
62920016	WM16	EPA 200.8	6193		
62920017	WM17	EPA 200.8	6193		
62920018	WM18	EPA 200.8	6193		
62920019	WM19	EPA 200.8	6193		
62920020	WM20	EPA 200.8	6193		
62920021	WM21	EPA 200.8	6194		
62920022	WM22	EPA 200.8	6194		
62920023	WM23	EPA 200.8	6194		
62920024	WM24	EPA 200.8	6194		
62920025	WM25	EPA 200.8	6194		
62920026	WM26	EPA 200.8	6194		
62920027	WM27	EPA 200.8	6194		
62920028	WM28	EPA 200.8	6194		
62920029	WM29	EPA 200.8	6194		
62920030	WM30	EPA 200.8	6194		
62920031	WM31	EPA 200.8	6194		
62920032	WM32	EPA 200.8	6194		
62920033	WM33	EPA 200.8	6194		
62920034	WM34	EPA 200.8	6194		
62920035	WM35	EPA 200.8	6194		
62920036	WM36	EPA 200.8	6194		
62920037	WM37	EPA 200.8	6194		
62920038	WM38	EPA 200.8	6194		
62920039	WM39	EPA 200.8	6194		
62920040	WM40	EPA 200.8	6194		
62920041	WM41	EPA 200.8	6195		
62920042	WM42	EPA 200.8	6195		
62920043	WM43	EPA 200.8	6195		
62920044	WM44	EPA 200.8	6195		
62920045	WM45	EPA 200.8	6195		
62920046	WM46	EPA 200.8	6195		
62920047	WM47	EPA 200.8	6195		
62920048	WM48	EPA 200.8	6195		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: West MI Academy

Pace Project No.: 462920

Date: 10/12/2017 04:00 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
162920049	WM49	EPA 200.8	6195		
162920051	WM51	EPA 200.8	6195		
62920052	WM52	EPA 200.8	6195		
62920053	WM53	EPA 200.8	6195		
62920055	WM55	EPA 200.8	6195		
62920056	WM56	EPA 200.8	6195		
62920057	WM57	EPA 200.8	6195		
62920058	WM58	EPA 200.8	6195		
62920059	WM59	EPA 200.8	6195		
62920060	WM60	EPA 200.8	6195		
62920061	WM61	EPA 200.8	6196		
62920062	WM62	EPA 200.8	6196		
62920063	WM63	EPA 200.8	6196		
62920064	WM64	EPA 200.8	6196		
62920065	WM65	EPA 200.8	6196		
62920066	WM66	EPA 200.8	6196		
62920067	WM67	EPA 200.8	6196		
62920068	WM68	EPA 200.8	6196		
62920071	WM71	EPA 200.8	6196		
62920072	WM72	EPA 200.8	6196		
62920073	WM73	EPA 200.8	6196		
62920074	WM74	EPA 200.8	6196		
62920075	WM75	EPA 200.8	6196		
62920077	WM77	EPA 200.8	6196		
62920080	WM80	EPA 200.8	6196		
62920081	WM81	EPA 200.8	6213		
62920082	WM82	EPA 200.8	6213		
62920083	WM83	EPA 200.8	6213		
62920084	WM84	EPA 200.8	6213		
62920087	WM87	EPA 200.8	6213		
62920050	WM50	EPA 200.8	6389	EPA 200.8	6485
62920054	WM54	EPA 200.8	6389	EPA 200.8	6485
62920069	WM69	EPA 200.8	6389	EPA 200.8	6485
62920070	WM70	EPA 200.8	6389	EPA 200.8	6485
62920076	WM76	EPA 200.8	6389	EPA 200.8	6485
62920078	WM78	EPA 200.8	6389	EPA 200.8	6485
62920079	WM79	EPA 200.8	6389	EPA 200.8	6485
62920085	WM85	EPA 200.8	6389	EPA 200.8	6485
62920086	WM86	EPA 200.8	6389	EPA 200.8	6485
62920088	WM88	EPA 200.8	6389	EPA 200.8	6485

REPORT OF LABORATORY ANALYSIS

W0#:462920

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

ITEM# Sompany thern 7586 018 Blog Required Client Information: Requested Due Date/TAT: 131-679 -0005 Jahra northernas.com K 3 Required Client Information X X N N **3** W W (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE Repids, MI 49307 <u>\$</u> × 3 **SAMPLE ID** ADDITIONAL COMMENTS 8 7. S Hualytian! 1 Waste Water Product Soil/Soild Oil Wipe Air Tissue Other Drinking Water Water Matrix Codes

MATRIX / CODE ORIGINAL Purchase Order No.: Copy To: Report Tohn Rehicopor Required Project Information Clest Name: MI 5 MATRIX CODE RELINQUISHED BY / AFFILIATION (G=GRAB C=COMP) Academy COMPOSITE START 90:09 4:08 201 9:07 4:07 4:07 907 20.2 0:0 8.56 9.01 SAMPLER NAME AND SIGNATURE 9:07 TIME COLLECTED DATE COMPOSITE END/GRAB 9-29-17 ΤME SAMPLE TEMP AT COLLECTION Pace Quote
Reference:
Pace Project
Manager:
Pace Profile # 8:53 Attention:
See
Company Name: Section C Address: # OF CONTAINERS Unpreserved H₂SO₂ Preservatives HNO₃ Section A HCI NaOH Na₂S₂O Methanol TED BY ! AFFILIATION Other Y/ N 🛮 Analysis Test 👢 Requested Analysis Filtered (Y/N) REGULATORY AGENCY Site Location UST NPDES DATE STATE: 083 H RCRA **GROUND WATER** 122 Page: Temp in °C Residual Chlorine (Y/N) 218336 Received on 10-0200 -01 SAMPLE CONDITIONS Pace Project No./ Lab I.D. X OTHER DRINKING WATER Sealed Cooler S -07 <u>- وم</u> 102 1= -10 √0% 70-100 20 -S Samples Intact Page 106 of 118

PRINT Name of SAMPLER: SIGNATURE of SAMPLER:

なっぷナース

Kenkon+

DATE Signed (MM/DD/YY):

9-29-17

Ice (Y/N)

Custody

(Y/N)

(Y/N)



Pace Analytical www.pacelabs.com	The CI	The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.	eted accurately.	of 118
Section A Required Client Information:	Section B Required Project Information:	Section C	Page: 2 of	Q 0
Company: Sec Diage 1	Report To:	Attention:	7 218336	ത
	Сору То:	Company Name:		
		Address:	ND WATER 🗶	DRINKING WATER
Email To:	Purchase Order No.:	Pace Quote Reference:	RCRA	OTHER
Phone: Fax:	Project Name MI Academy		Site Location	
Requested Due Date/TAT:			STATE: M.J.	
•		1	Requested Analysis Filtered (Y/N)	
Section D Required Client Information	to left)			
	Nater DW C C COMPOSITE START OIL (see valid codes START OIL (see Valid code		- Lh)	13)
(A-Z, 0-9/,-) Sample IDs MUST BE UNIQUE	X CODE	ONTAINEF erved	al Chlorine	
ITEM	SAMF	SAMF # OF Unpre H ₂ SC HNO HCI NaOH Na ₂ S Metha		Pace Project No./ Lab I.D.
W W	Du 6 9 04		प्रध्यक्ष	1
3 M/W 12	9,11			X 1 1 1 1 1 1 1 1 1
m M	9,3			-16
5 W M 17	9.3			-17
5	9.17			118
W W	9 17			19
W W 21	<i>a</i> : ¡a			<u>,</u> 5
ZNW	4,14			-22-
WW 24	9:19			-23
	RELINQUISHED BY	DATE TIME ADCEPTED BY A AFFILIATION	DATE TIME SAMPLEC	CONDITIONS
	from Muly	9.29-17 8/53 Mooning tace	2 969/17 0863	
	ORIGINAL SAMPLER NAME PRINT N	SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: JUSTON Rehkopt	mp in °C ceived on ce (Y/N) Custody led Cooler	(Y/N) ples Intact (Y/N)
	SIGNAT	1 6 -	Recordice	(Samp

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 39 days.

war Viring



				12		8	9	00	7	6		4	3	M (1857/108)		ITEM#	R S	┨	Reques	Phone:	Email To:		Address:	Company:	Sectio Require	- 1
			ADDITIONAL COMMENTS	WW 36	WW 35	WW 34	WM 33	WW 32	WW 31	WW 30	Pe WM	St WM	re MM	WM 26	SE WA	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Section D Required Client Information		Requested Due Date/TAT:	Fax:	^г о:		,	IN See Dage	Section A Required Client Information:	www.pacelabs.com
ORIGINAL	:		IMENTS													Water WW Water WW Water WW Waste Water WW Product P Soil/Soild OL Oil Wipe Air Assue Tssue Other OT	ු ස		Projec	Projec	Purch	-	Сору То:	Report To:	Secti Requi	
AA	"	Music	RELING	∀											D 70	ー の 刃 可 产 で 冬 一 ミ MATRIX CODE (see valid codes SAMPLE TYPE (G=GRAB C=C	to left)		Project Number:	Project Name:	Purchase Order No.:		To:	t To:	Section B Required Project Information:	
SAMPLER		Muny	RELINQUISHED BY / AFFILIATION	12:8		9,44	q:43	9:40	9.40	9:34	9:39	9:37	9:24	9,23	_	COMPOSITE START				MI Academ					formation:	
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			ADDITIONAL COMMENTS	12 WW 48	MM	10 W W 4/6	MM	Z M	7 W M 43	TH MW 27	5 WW 21	* WM 40	3 WM 39	2 WW 38		SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Section D Required Client Information		Requested Due Date/TAT:	Phone: Fax:	Email To:		Address:	See our	Section A Required Client Information:	Pace Analytical*
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				Y/ N.	ives	Preservatives	P			D	COLLECTED	C	, ,		E 36	Matrix Codes MATRIX / CODE		Section D Required Client Information	Section Required	
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/ATER 😿 DRINKING WATER	GROUND WATER	NPDES [Address:			-									
	AGENCY	REGULATORY AGENCY	70				Company Name:	Compar							Сору То:	Co		~	Address:	Add
2183370							3	Attention:							Report To:	Re	page 1	=	Company: See	Con
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Section A Required Client Information:	Section B Section C Section C	Page: 7 of S
Company See Dane 1	Report To: Attention:	2183371
Address:	Copy To: Company Name:	
	Address:	☐ NPDES ☐ GROUND WATER ☑ DRINKING WATER
Email To:	Purchase Order No.: Pace Quote Reference:	RCRA
Phone: Fax:	Project Manager: Project Manager: Manager:	tion
Requested Due Date/TAT:		STATE: VVV
	Req	Requested Analysis Filtered (Y/N)
Section D Matrix Codes Required Client Information MATRIX / CODE	ODE to left) OMP) COLLECTED	
Drinking Water Water Waste Water Waste Water Product Soil/Soild	DW WT WW See valid codes = GRAB C C COMPOSITE COMPOSITE END/GRAB COLLECTION	(47-1
SAMPLE ID WIPE (A-Z, 0-9 / ,-) Air Sample IDs MUST BE UNIQUE Tissue Other	TYPE (G	al Chlorine
ITEM:	DATE TIME SAMPL # OF CO Unpres H2SO4 HNO3 HCI NaOH Na2S2 Methal Other	Residu Residu Pace Project No./ Lab I.D.
1 WW 73		75 - 02629H
W M	9,27	- 74
3 WW 75	16.00	76
	9:27	
8 WW 78	4:34	-18
7 WM 79	9.34	-79
	9:37	G8~
2 2	9:37	-81
10 WW 87	2.37	787
	W W W 4:37	H8-
ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION DATE TIME ACCEPTED BY / AFFILIATION	ATION DATE TIME SAMPLE CONDITIONS
	Musto Men 9-29-13 8:83 The someth	TACO 969/170053
OR	. /	ed on (/N) ody Cooler N)
	\ <u>`</u> 4	DATE signed Cust Sealed (Y/) Cust Sealed (Y/)
	Master Munis	9-2-1-17 FR SS

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 day.

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						12	=	8	9	8	7	6	5	4	3	N	-	ITEM#]	Req	Phone:	Email To:		Address:	Com	Sec	`_
					ADDITIONAL COMMENTS									88 MM	WM 87	wm 86	WM 85	SAMPLE ID (A-Z, 0-9/-) Sample IDs MUST BE UNIQUE	Section D Required Client Information		Requested Due Date/TAT:	ne: Fax:	il To:			Company: See page 1	Section A Required Client Information:	Pace Analytical www.pacelabs.com
	ORIGINAL		1											<u> </u>			יק	Watter WW Waste Water WW Product P Roll/Solid Solid So	os to left)		Project Number:	Project Names	Purchase Order No.:		Copy To:	Report To:	Section B Required Project Information:	
	O America	CAMPIE		motor Merry	RELINQUISHED BY / AFFILIATION									W J 9:50	9539		6 9:37	SAMPLE TYPE (G=GRAB C=C COMPOSITE START) DATE TIME	COLLECTED			IM	vo.:				Information:	
SIGNATURE of SAMPLER:	PRINT Name of SAMPLER:	CAMPI ED NAME AND CICHATURE		9-29-7	ON DATE												_	END/GRAB TIME SAMPLE TEMP AT COLLECTION			, , ,	Academy				:		
Mark	Yunto:			8:53/2/	SV Camp		\ \											# OF CONTAINERS Unpreserved H ₂ SO ₄ HNO ₃ HCI NaOH	Preservatives		Pace Profile #:	Pace Project Manager:	Pace Quote Reference:	Address:	Company Name:	Attention:	Section C Invoice Information:	
DATE Signed (MM/DD/YY):	Dehlent			Tomel To	CEEPTED BY / AFFILIATION													Na ₂ S ₂ O ₃ Methanol Other I Analysis Test I	Y/ N [
4). 6C-12 ist				co 969/17	DATE															Requested Analysis Filtered	STATE;	Site Location	T UST	☐ NPDES ☐	REGULATORY AGENCY			
Тетр	p in °C			O/S3	TIME													Residual Chlorine (Y/N)		(N/N)	MIH		RCRA	GROUND WATER	GENCY	2	Page:	
Cus Sealed	ived on (Y/N) stody d Coole (/N)				SAMPLE CONDITIONS						i			-			S8-02029H	(47 - 13) Cart 9 Pace Project No.					OTHER .	K1		2183372	Ø.	
Sample (Y	es Intac (/N)	ct			SNO						-			-88	L8-	98-	S3 - C	o./ Lab I.D.						DRINKING WATER			age 11	3 of 1

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

DATE Signed 4-29:(7

S	AMPLE RECEIVING	G / LOG-IN CHECKLIS	ST
	® Client	Mort Vor	(Order#: 462920
Pace Analytica	Receipt Record Page/Line # 47 -	New Add To Project Onemist Sam	ple #s
Recorded by (initials/date)	Cooler Qty Rece	Thermometer Used IR Gun (#202)	meter (#54) See Additional Cooler
13 9/29/17	□ Box □ Other □	Other (#	Information Form
Cooler # Time	Cooler # Time	Cooler # Time	Cooler # Time
106904 1158	15/1e 1201	000144 1706	
Custody Seals:	Custody Seals:	Custody Seals: None	Custody Seals: None
☐ Present / Intact	Present / Intact	☐ Present / Intact	Present / Intact
☐ Present / Not Intact	☐ Present / Not Intact	☐ Present / Not Intact	☐ Present / Not Intact
Coolant Type:	Coolant Type:	Coolant Type:	Coolant Type:
Loose Ice Bagged Ice	☐ Loose Ice☐ Bagged Ice	☐ Loose Ice☐ Bagged Ice	☐ Loose Ice☐ Bagged Ice☐
☐ Blue Ice	☐ Blue Ice	☐ Blue Ice	Blue Ice
None	None	None	None
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed / Top / Middle / Bottom Temp Blank Present: Yes No	Dispersed / Top / Middle / Botton Temp Blank Present: Yes No		1 '
Temp Blank Present: Yes No If Present, Temperature Blank Location is:	Temp Blank Present: Yes No If Present, Temperature Blank Location is	Temp Blank Present: Yes No If Present, Temperature Blank Location is	Temp Blank Present: Yes No If Present, Temperature Blank Location is:
Representative	Representative Not Representativ	1 1 2	
Observed Correction Factor °C Actual °C	Observed Correction Factor °C Actual °C	Observed Correction Factor °C Actual °C	Observed Correction Correction Factor °C Correction Correction Factor °C Correction Correction Correction Correction Factor °C Correction Corre
Temp Blank: 18.7	Temp Blank: 18.6 18.6	Temp Blank: S. 1 P.1	Temp Blank:
Sample 1: 19.1	Sample 1: 14.1	Sample 1: ICI O IU O	Sample 1:
	Sample 2: 19 0 19 0	Sample 2: 101 G 19.9	Sample 2:
	Sample 3: { 4 . 0 15 . 0		
		Sample 3: 19.7	Sample 3:
3 Sample Average °C: 19 - 1	3 Sample Average °C: 18.7	3 Sample Average °C: 14.5	3 Sample Average °C:
☐ Cooler ID on COC?☐ VOC Trip Blank received?	☐ Cooler ID on COC?☐ VOC Trip Blank received?	☐ Cooler ID on COC? ☐ VOC Trip Blank received?	☐ Cooler ID on COC? ☐ VOC Trip Blank received?
If <u>any</u> shaded ar	eas checked, complete Sample	Receiving Non-Conformance and/	or Inventory Form
Paperwork Received		Check Sample Preservation	
Yes No		N/A Yes No	
Chain of Custody record(s)?			lank OR average sample temperature, ≥6° C?
Received for Lab Signed/Date Shipping document?	e/Time?		C, was thermal preservation required?
Other			ect Chemist Approval Initials: pleted Non Con Cooler - Cont Inventory Form?
COC Information		- I	nple Preservation Verification Form?
Pace COC Other			cally preserved correctly?
COC ID Numbers:		☐ If "No", added o	
7,183365 -	→ Z18337Z	Received pre-p	reserved VOC soils?
Check COC for Accuracy		Check for Short Hold-Time Prep/	□ Na ₂ SO ₄ Analyses
Yes No		☐ Bacteriological	
Analysis Requested?		☐ Air Bags	AFTER HOURS ONLY:
Sample ID matches COC?		☐ EnCores / Methanol Pre-Preserved	. 1
Sample Date and Time match Container type completed on		☐ Formaldehyde/Aldehyde ☐ Green-tagged containers	NONE RECEIVED RECEIVED, COCs TO LAB(S)
All container types indicated a		☐ Yellow/White-tagged 1 L ambers (S\	
Sample Condition Summary		Notes	
N/A Yes No			
Broken containers/	lids?	Drinking	Weters
Missing or incompl			
Illegible information Low volume receiv		C Trip Block specified C Trip	Blank not listed as COC
	ed? n-Pace containers received?		Blank not listed on COC rk Delivered (Date/Time) ≤1 Hour Goal Met?
	ontainers have headspace?	TS grain TS	
L \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ions / containers not listed on COC?	11 - 100111 /-	9/79/17 Yes / No Page 114 of 118

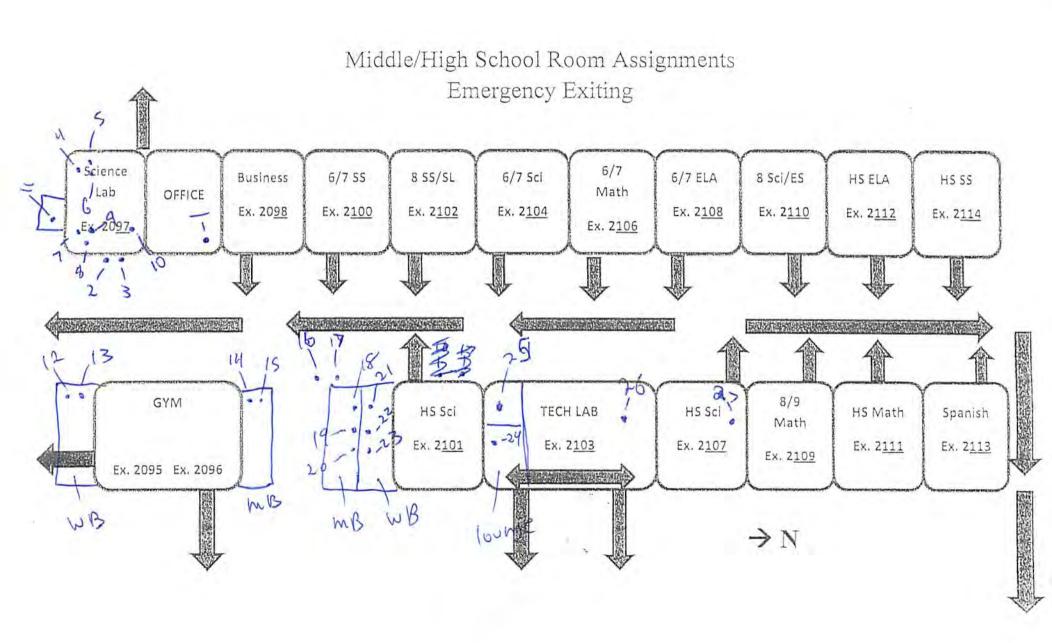
		70	Work Order 1 46297			ricel	net he	iun Ar	Client North
	-		Project Cherkist		pleted By (initials/date)			1-13	
 jent # / Lot #	pH Strip Reag	ONTAINER TYPES	JUST pH FOR THESE COM	DO NOT AD	sted by:			S	COC ID#
601354	нс нс			3					
er	Oth		15		13 Prove		4 Blue	5 / 23 Lt. Blue	Container Type Tag Color
			Red Stripe HNO ₃	Red HNO ₃	Brown H ₂ SO ₄		H ₂ SO	NaOH	Preservative
			<2	<2 _.	<2		<2	>12	Expected pH
los: For	Aqueous Samp		-	7	7=				COC Line #1
nd container	each sample an	is Water							COC Line #2
	type, check the acceptable. If p								COC Line #3
	acceptable for a			V			ļ		
rd pH in box,	container, recor			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					COC Line #4
•	and note on Sai Receiving Chec			↓ ✓,					COC Line #5
ing Non-	Sample Receivi			✓					COC Line #6
	Conformance F approved by Pro			1					COC Line #7
-	add acid or bas			1					COC Line #8
	sample to achie pH. Add up to,			/					COC Line #9
	exceed 2x the v			\checkmark					COC Line #10
	added at contai			/					COC Line #11
	table below for i used). Add ora								COC Line #12
d pH on this djust pH for	information required Record adjusted form. Do not accontainer types	ONTAINER TYPES	JUST pH FOR THESE COM	DO NOT AD	sted by:			366	COC ID#
				10	·	4	4	5 / 23	Container Type
			15	11 (6)	13 l				
Original Vol. o			15 Red Stripe	Red	13 Brown		Blue	Lt. Blue	Tag Color
Original Vol. o	Container Size			1		lue SO ₄	H ₂ SO	NaOH	Tag Color Preservative
1 -	Container Size (mL)		Red Stripe	Red	Brown	lue SO ₄			
Preservative	1		Red Stripe HNO ₃	Red HNO₃	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative
Preservative (mL)	(mL)		Red Stripe HNO ₃	Red H N O₃	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative Expected pH
Preservative (mL) NaOH	(mL) Container Type 5		Red Stripe HNO ₃	Red H N O₃	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative Expected pH COC Line #1
Preservative (mL) NaOH	(mL) Container Type 5 500		Red Stripe HNO ₃	Red H N O₃	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative Expected pH COC Line #1 COC Line #2
Preservative (mL) NaOH 2.5 5.0	(mL) Container Type 5 500 1000		Red Stripe HNO ₃	Red H N O₃	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative Expected pH COC Line #1 COC Line #2 COC Line #3
Preservative (mL) NaOH 2.5 5.0 H ₂ SO ₄	(mL) Container Type 5 500 1000 Container Type 4		Red Stripe HNO ₃	Red H N O₃	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative Expected pH COC Line #1 COC Line #2 COC Line #3 COC Line #4
Preservative (mL) NaOH 2.5 5.0 H ₂ SO ₄ 0.5	(mL) Container Type 5 500 1000 Container Type 4 125		Red Stripe HNO ₃	Red H N O₃	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative Expected pH COC Line #1 COC Line #2 COC Line #3 COC Line #4 COC Line #5
Preservative (mL) NaOH 2.5 5.0 H ₂ SO ₄ 0.5 1.0	(mL) Container Type 5 500 1000 Container Type 4 125 250		Red Stripe HNO ₃	Red H N O₃	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative Expected pH COC Line #1 COC Line #2 COC Line #3 COC Line #4 COC Line #5 COC Line #6
Preservative (mL) NaOH 2.5 5.0 H ₂ SO ₄ 0.5 1.0 2.0 4.0	(mL) Container Type 5 500 1000 Container Type 4 125 250 500		Red Stripe HNO ₃	Red HNO ₃ <2	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative Expected pH COC Line #1 COC Line #2 COC Line #3 COC Line #4 COC Line #5 COC Line #6 COC Line #7
Preservative (mL) NaOH 2.5 5.0 H ₂ SO ₄ 0.5 1.0 2.0 4.0	(mL) Container Type 5 500 1000 Container Type 4 125 250 500 1000		Red Stripe HNO ₃	Red H N O₃	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative Expected pH COC Line #1 COC Line #2 COC Line #3 COC Line #4 COC Line #5 COC Line #6 COC Line #7 COC Line #8
Preservative (mL) NaOH 2.5 5.0 H ₂ SO ₄ 0.5 1.0 2.0 4.0 H ₂ SO ₄	(mL) Container Type 5 500 1000 Container Type 4 125 250 500 1000 Container Type 13		Red Stripe HNO ₃	Red HNO ₃ <2	Brown H ₂ SO ₄	lue SO ₄	H ₂ SO	NaOH	Preservative Expected pH COC Line #1 COC Line #2 COC Line #3 COC Line #4 COC Line #5 COC Line #6 COC Line #7 COC Line #8 COC Line #8

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Crient North) 11 Idi	ytioai				Work Order #				
		nely had				Project Chemys	462920			
Keceipi Log# 4	7-13		Completed By (initi	459/17		Project Chemys	•			
COC ID#			Adjusted by:			<u> </u>			pH Strip Reag	ent # / Lot #
51833	67		Adjusted by: Date:		DO NOT AD	DJUST pH FOR	THESE CONTAINE	R TYPES		601354
Container Type	5 / 23	4	13		(B)	15			-	
Tag Color	Lt. Blue	Blue	Brown		Red	Red Stripe			Oth	er
Preservative	NaOH	H₂SO₄	H₂SO₄		HNO ₃	HNO ₃				
Expected pH	>12	<2	<2		<2	<2				
COC Line #1									Aqueous Sampl	
COC Line #2									each sample an type, check the	
COC Line #3					✓				acceptable. If p	H is not
COC Line #4			77780		~				acceptable for a container, recor	
COC Line #5									and note on Sar	mple
COC Line #6									Receiving Chec Sample Receivi	
COC Line #7									Conformance F	
COC Line #8	*****								approved by Pro add acid or base	
COC Line #9		•		1	1				sample to achie	
COC Line #10									pH. Add up to,	
COC Line #11					<u> </u>				exceed 2x the v added at contain	
COC Line #11					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				table below for i	
Comments					V				used). Add ora	
COC ID#								<u> </u>	information requ Record adjusted form. Do not ad	uested. d pH on this
2183	368		Adjusted by:		DO NOT AD	JUST pH FOR	THESE CONTAINE	R TYPES	container types	•
Container Type	5 / 23	4	13		(6)	15				
Tag Color	Lt. Blue	Blue	Brown		Red	Red Stripe			0	Original Vol. of
Preservative	NaOH	H₂SO₄	H ₂ SO ₄		HNO₃	HNO ₃			Container Size (mL)	Preservative
Expected pH	>12	<2	<2		<2	<2				(mL)
COC Line #1					✓				Container Type 5	NaOH
COC Line #2			7717774						500	2.5
COC Line #3					-				1000	5.0
COC Line #4									Container Type 4	H₂SO₄
COC Line #5									125	0.5
COC Line #6					\checkmark				250	1.0
COC Line #7									500	2.0
COC Line #8					\checkmark				1000	4.0
COC Line #9		11			/				Container Type 13	H₂SO₄
COC Line #10					\checkmark				500	2.5
COC Line #11										
COC Line #12										
Comments				L	. V	•	<u> </u>		i.	
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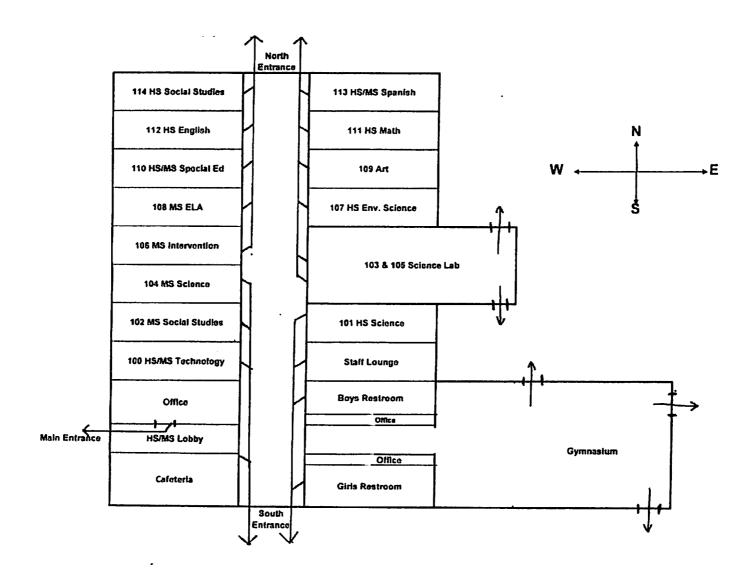
Crient DA	ce Anal	yucai			Work Order #	ge <u>S</u> of <u>U</u>		
1000	ten	Anch hi				462920		
Receipt Log # リコ	- 13		Completed By (initials/da	(a) 17	Project Chemist			
COC ID#			Adjusted by:		(0.0		pH Strip Reac	ent # / Lot #
218334	,9		Date:	DO NOT A	DJUST pH FOR TH	HESE CONTAINER TYPES		601354
Container Type	5 / 23	4	13		15			
Tag Color	Lt. Blue	Blue	Brown	Red	Red Stripe		Oth	er
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄	H N O ₃	HNO₃			
Expected pH	>12	<2	<2	<2	<2			
COC Line #1							Aqueous Samp	
COC Line #2							each sample ar type, check the	
COC Line #3				√			acceptable. If p	
COC Line #4							acceptable for a	any sample
							container, reco	
COC Line #5				<u> </u>			and note on Sa Receiving Chec	
COC Line #6							Sample Receive	
COC Line #7							Conformance F	orm. If
COC Line #8							approved by Pr	•
				V			add acid or bas sample to achie	
COC Line #9							pH. Add up to,	
COC Line #10							exceed 2x the v	
COC Line #11							added at contai table below for	
COC Line #12							used). Add ora	
Comments	-m						sample contain	
							information requ	
							Record adjuste form. Do not a	
COC ID#	·~~		Adjusted by:	DO NOT A	DILICT ALL EOD TI	HESE CONTAINER TYPES	container types	
2183	56 10		Date:	DO NOT A	DJOST PH FOR TI	TESE CONTAINER TIFES		
Container Type	5 / 23	4	13	6	15			
Tag Color	Lt. Blue	Blue	Brown	Red	Red Stripe		Container Size	Original Vol. of
Preservative	NaOH	H₂SO₄	H ₂ SO ₄	HNO₃	HNO₃		(mL)	Preservative
Expected pH	>12	<2	<2	<2	<2			(mL)
COC Line #1				*			Container Type 5	NaOH
COC Line #2							500	2.5
COC Line #3							1000	5.0
COC Line #4	* P-900-01	- 2000					Container Type 4	H ₂ SO ₄
							· · ·	
COC Line #5							125	0.5
COC Line #6	1 107 to 100						250	1.0
COC Line #7							500	2.0
COC Line #8							1000	4.0
COC Line #9							Container Type 13	H₂SO₄
COC Line #10				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			500	2.5
				- Y				l
COC Line #11			1 1 101 0 10.000					
COC Line #12								
Comments								
08							‰ ≪ e co	

Pace Analytical outer Analytical page 4 of 4 462920 Completed By (initials/date) 9129/17 COC ID# pH Strip Reagent # / Lot # Adjusted by 2183371 DO NOT ADJUST pH FOR THESE CONTAINER TYPES HC601354 Date: 5/23 Container Type 4 13 15 Other Tag Color Lt. Blue Blue Brown Red Stripe Red H₂SO₄ NaOH Preservative H₂SO₄ HNO₃ HNO₃ >12 <2 <2 <2 <2 Expected pH COC Line #1 Aqueous Samples: For each sample and container COC Line #2 type, check the box if pH is acceptable. If pH is not COC Line #3 acceptable for any sample COC Line #4 container, record pH in box, and note on Sample COC Line #5 Receiving Checklist and on COC Line #6 Sample Receiving Non-Conformance Form. If COC Line #7 approved by Project Chemist, COC Line #8 add acid or base to the sample to achieve the correct COC Line #9 pH. Add up to, but do not COC Line #10 exceed 2x the volume initially added at container prep (see COC Line #11 table below for initial volumes COC Line #12 used). Add orange pH tag to sample container and record Comments information requested. Record adjusted pH on this form. Do not adjust pH for COC ID# Adjusted by: container types 6 and 15. 2183372 DO NOT ADJUST pH FOR THESE CONTAINER TYPES Container Type 5/23 13 **(**8) 15 Lt. Blue Blue Brown Tag Color Red Stripe Red Original Vol. of **Container Size** Preservative NaOH H₂SO₄ H₂SO₄ HNO₃ HNO₃ Preservative (mL) (mL) Expected pH >12 <2 <2 <2 <2 COC Line #1 Container Type 5 NaOH COC Line #2 500 2.5 COC Line #3 1000 5.0 COC Line #4 Container Type 4 H₂SO₄ COC Line #5 125 0.5 COC Line #6 250 1.0 COC Line #7 500 2.0 4.0 COC Line #8 1000 H₂SO₄ COC Line #9 Container Type 13 COC Line #10 500 2.5 COC Line #11 COC Line #12 Comments

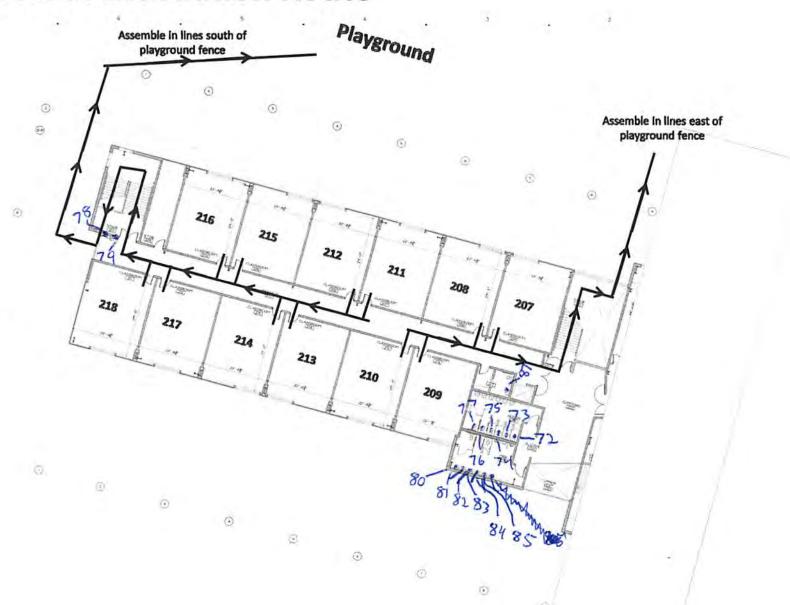
SAMPLE PRESERVATION VERIFICATION FORM



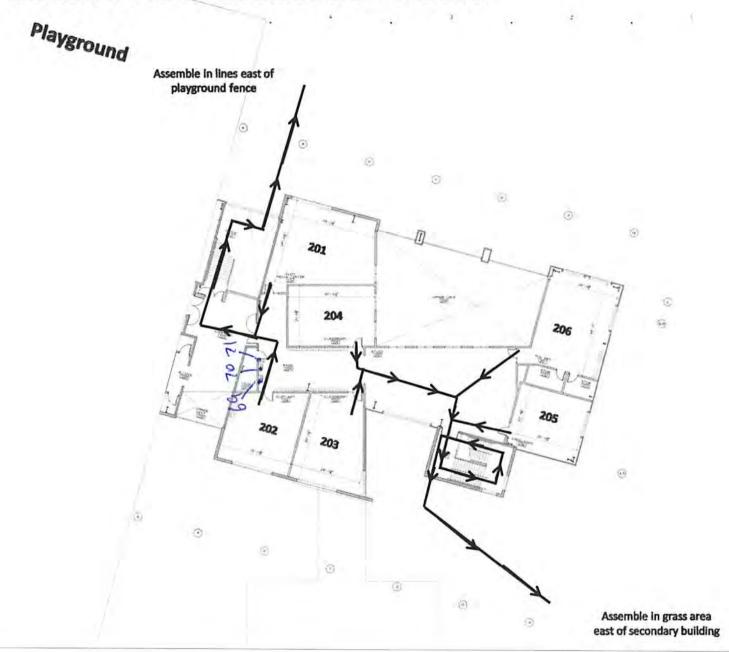
Secondary Evacuation Map



Second Floor Evacuation Route

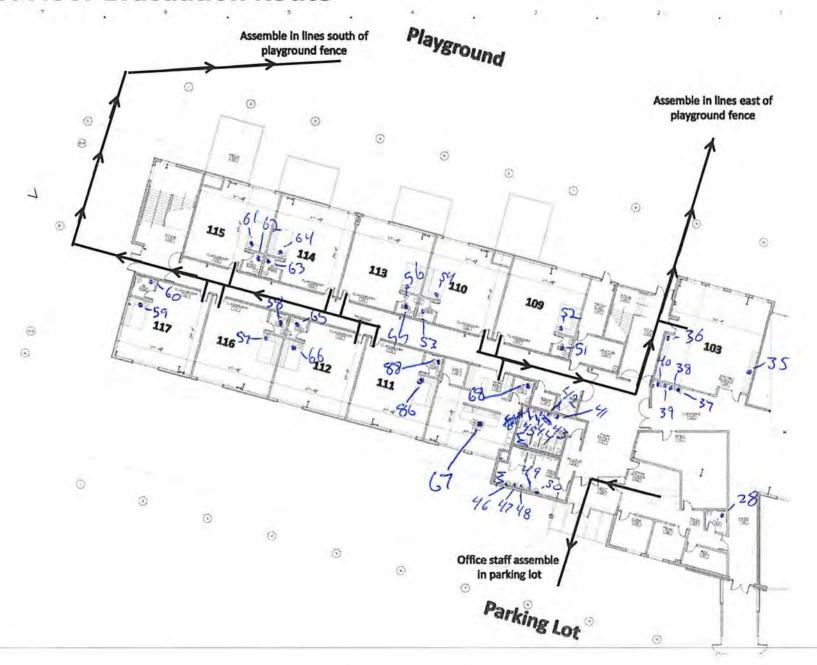


Second Floor Evacuation Route



First Floor Evacuation Route

8



Cafeteria Evacuation Route

