



CERTIFICATE OF ANALYSIS

Chain of Custody: 618300
Client: Howard County Public School System
Address: 10910 Route 108
Ellicott City, MD 21042
Attention: Jeff Klenk

Job Name: Mt. View MS
Job Location: 1211 Woodford Drive, Marriottsville,
MD 21104
Job Number: 13.049
P.O. Number: Not Provided

Date Submitted: 10/18/2019
Date Analyzed: 10/24/2019
Report Date: 10/25/2019
Date Sampled: 10/17/2019 - 10/18/2019
Person Submitting: Jeff Klenk

Summary of Drinking Water Analysis for Metals

AMA Sample Number	Client Sample Number	Sample Collection Information		Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
		Date/Time	Location					
618300-1	MVMS 10	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-2	MVMS 11	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-3	MVMS 12F	10/17/2019 5:05 am	CC/B	Furnace AA	Lead	1 ug/L	1.2 ug/L	
618300-4	MVMS 13F	10/17/2019 5:05 am	CC/B	Furnace AA	Lead	1 ug/L	1.2 ug/L	
618300-5	MVMS 18	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-6	MVMS 19	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-7	MVMS 2	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-8	MVMS 20	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-9	MVMS 27	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-10	MVMS 28	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-11	MVMS 29	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-12	MVMS 35	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-13	MVMS 36F	10/17/2019 5:05 am	CC/B	Furnace AA	Lead	1 ug/L	1.4 ug/L	
618300-14	MVMS 38	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-15	MVMS 40	10/17/2019 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-16	MVMS 42F	10/17/2019 5:05 am	CC/B	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-17	MVMS 43F	10/17/2019 5:05 am	CC/B	Furnace AA	Lead	1 ug/L	69 ug/L	This sample has an elevated level of lead (above 20.5 ppb).
618300-18	MVMS 46	10/17/2019 5:05 am	CC/B	Furnace AA	Lead	1 ug/L	1.8 ug/L	
618300-19	MVMS 41F	10/17/2019 5:05 am	CC/B	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-20	MVMS 1	10/18/2019 5:13 am	OT.2	Furnace AA	Lead	1 ug/L	3.7 ug/L	



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618300-21	MVMS 3	10/18/2019 5:13 am	HE	Furnace AA	Lead	1 ug/L	7.3 ug/L	
618300-22	MVMS 4	10/18/2019 5:13 am	HE	Furnace AA	Lead	1 ug/L	2 ug/L	
618300-23	MVMS 5	10/18/2019 5:13 am	HE	Furnace AA	Lead	1 ug/L	2.7 ug/L	
618300-24	MVMS 6	10/18/2019 5:13 am	HE	Furnace AA	Lead	1 ug/L	2 ug/L	
618300-25	MVMS 7	10/18/2019 5:13 am	HE	Furnace AA	Lead	1 ug/L	3.5 ug/L	
618300-26	MVMS 8	10/18/2019 5:13 am	HE	Furnace AA	Lead	1 ug/L	1.9 ug/L	
618300-27	MVMS 9	10/18/2019 5:13 am	HE	Furnace AA	Lead	1 ug/L	3.9 ug/L	
618300-28	MVMS 12S	10/18/2019 5:13 am	CC/S	Furnace AA	Lead	1 ug/L	2.1 ug/L	
618300-29	MVMS 13S	10/18/2019 5:13 am	CC/S	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-30	MVMS 14	10/18/2019 5:13 am	OT.6	Furnace AA	Lead	1 ug/L	2.8 ug/L	
618300-31	MVMS 15	10/18/2019 5:13 am	OT.6	Furnace AA	Lead	1 ug/L	14 ug/L	
618300-32	MVMS 16	10/18/2019 5:13 am	OT.5	Furnace AA	Lead	1 ug/L	1.2 ug/L	
618300-33	MVMS 17	10/18/2019 5:13 am	OT.5	Furnace AA	Lead	1 ug/L	140 ug/L	This sample has an elevated level of lead (above 20.5 ppb).
618300-34	MVMS 21	10/18/2019 5:13 am	NO	Furnace AA	Lead	1 ug/L	1.6 ug/L	
618300-35	MVMS 22	10/18/2019 5:13 am	TL	Furnace AA	Lead	1 ug/L	1.2 ug/L	
618300-36	MVMS 23	10/18/2019 5:13 am	CR	Furnace AA	Lead	1 ug/L	7.7 ug/L	
618300-37	MVMS 30	10/18/2019 5:13 am	KS	Furnace AA	Lead	1 ug/L	4.4 ug/L	
618300-38	MVMS 31	10/18/2019 5:13 am	IM	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-39	MVMS 32	10/18/2019 5:13 am	KS	Furnace AA	Lead	1 ug/L	< 1 ug/L	
618300-40	MVMS 33	10/18/2019 5:13 am	KK	Furnace AA	Lead	1 ug/L	< 1 ug/L	



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		Date/Time	Location					
618300-41	MVMS 34	10/18/2019 5:13 am	KS	Furnace AA	Lead	1 ug/L	2.7 ug/L	
618300-42	MVMS 36S	10/18/2019 5:13 am	CC/S	Furnace AA	Lead	1 ug/L	1.5 ug/L	
618300-43	MVMS 37S	10/18/2019 5:13 am	CC/S	Furnace AA	Lead	1 ug/L	4.8 ug/L	
618300-44	MVMS 39	10/18/2019 5:13 am	CR	Furnace AA	Lead	1 ug/L	2.4 ug/L	
618300-45	MVMS 41S	10/18/2019 5:13 am	CC/B	Furnace AA	Lead	1 ug/L	16 ug/L	
618300-46	MVMS 42S	10/18/2019 5:13 am	CC/S	Furnace AA	Lead	1 ug/L	2.8 ug/L	
618300-47	MVMS 43S	10/18/2019 5:13 am	CC/S	Furnace AA	Lead	1 ug/L	2.4 ug/L	
618300-48	MVMS 44	10/18/2019 5:13 am	OT.7	Furnace AA	Lead	1 ug/L	3.5 ug/L	
618300-49	MVMS 45	10/18/2019 5:13 am	OT.7	Furnace AA	Lead	1 ug/L	3.8 ug/L	



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Analysis Methods: Flame AA: APHA SM3111B (1999, 22nd Ed.), Furnace AA: APHA SM3113B (2010, 22nd Ed.), ICP: EPA 200.8 (Rev. 5.4)

mg/L = Parts Per Million (ppm), N/A = Not Applicable, µg/L = Parts Per Billion, N/P = Not Provided

Analyst(s): Suphin Chinnapad

Sample Collector: Jeff Klenk
Certification:

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Technical Director G. Edward Carney

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