



CERTIFICATE OF ANALYSIS

Chain of Custody: 618952
Client: Howard County Public School System
Address: 10910 Route 108
Ellicott City, MD 21042
Attention: Jeff Klenk

Job Name: Murray Hill Middle
Job Location: 9989 Winter Sun Road, Laurel, 20723
Job Number: 13.059
P.O. Number: Not Provided

Date Submitted: 11/14/2019
Date Analyzed: 11/26/2019
Report Date: 11/26/2019
Date Sampled: 11/06/2019
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					
618952-1	MHMS 5 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-2	MHMS 7 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-3	MHMS 8 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-4	MHMS 9 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-5	MHMS 10 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-6	MHMS 11 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-7	MHMS 14 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-8	MHMS 16 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-9	MHMS 20 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-10	MHMS 21 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-11	MHMS 28 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-12	MHMS 31 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-13	MHMS 33 FD	11/06/2019 5:42 am	DF/C	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-14	MHMS 1 FD	11/07/2019 5:37 am	KS	ICP	Lead	0.5 ug/L	9.4 ug/L	
618952-15	MHMS 2 FD	11/07/2019 5:37 am	KS	ICP	Lead	0.5 ug/L	1.9 ug/L	
618952-16	MHMS 3 FD	11/07/2019 5:37 am	KK	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-17	MHMS 4 FD	11/07/2019 5:37 am	KS	ICP	Lead	0.5 ug/L	3.3 ug/L	
618952-18	MHMS 6 FD	11/07/2019 5:37 am	OT.2	ICP	Lead	0.5 ug/L	0.97 ug/L	
618952-19	MHMS 8BW FD	11/07/2019 5:37 am	OT.1	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-20	MHMS 12 FD	11/07/2019 5:37 am	CR	ICP	Lead	0.5 ug/L	0.72 ug/L	



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618952-21	MHMS 13 FD	11/07/2019 5:37 am	OT.5	ICP	Lead	0.5 ug/L	0.97 ug/L	
618952-22	MHMS 15 FD	11/07/2019 5:37 am	OT.6	ICP	Lead	0.5 ug/L	4.7 ug/L	
618952-23	MHMS 17 FD	11/07/2019 5:37 am	CR	ICP	Lead	0.5 ug/L	1.4 ug/L	
618952-24	MHMS 18 FD	11/07/2019 5:37 am	TL	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-25	MHMS 19 FD	11/07/2019 5:37 am	NO	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-26	MHMS 22 FD	11/07/2019 5:37 am	HE	ICP	Lead	0.5 ug/L	0.7 ug/L	
618952-27	MHMS 23 FD	11/07/2019 5:37 am	HE	ICP	Lead	0.5 ug/L	0.77 ug/L	
618952-28	MHMS 24 FD	11/07/2019 5:37 am	HE	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-29	MHMS 25 FD	11/07/2019 5:37 am	HE	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
618952-30	MHMS 26 FD	11/07/2019 5:37 am	HE	ICP	Lead	0.5 ug/L	6.6 ug/L	
618952-31	MHMS 27 FD	11/07/2019 5:37 am	CR	ICP	Lead	0.5 ug/L	0.53 ug/L	
618952-32	MHMS 29 FD	11/07/2019 5:37 am	OT.6	ICP	Lead	0.5 ug/L	2.1 ug/L	
618952-33	MHMS 30 FD	11/07/2019 5:37 am	CR	ICP	Lead	0.5 ug/L	0.5 ug/L	
618952-34	MHMS 32 FD	11/07/2019 5:37 am	OT.7	ICP	Lead	0.5 ug/L	1.8 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)				Sample Collector: Jeff Klenk Certification:				
mg/L = Parts Per Million (ppm), N/A = Not Applicable, µg/L = Parts Per Billion, N/P = Not Provided				All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.				
Analyst(s): Jean-Paul Littleton								

Technical Director G. Edward Carney

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