



CERTIFICATE OF ANALYSIS

Chain of Custody: 610739
Client: Howard County Public School System
Address: 10910 Route 108
Ellicott City, MD 21042
Attention: Jeff Klenk

Job Name: St. Johns Lane Elementary
Job Location: 2960 St. John's Lane, Ellicott City, MD
21042
Job Number: 13.028
P.O. Number: Not Provided

Date Submitted: 10/12/2018
Date Analyzed: 10/18/2018
Report Date: 10/19/2018
Date Sampled: 10/04/2018 - 10/05/2018
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					
610739-1	SJLES 8F 1st Draw	10/04/2018 6:20 am	CC/B	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-2	SJLES 9F 1st Draw	10/04/2018 6:20 am	CC/B	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-3	SJLES 10F 1st Draw	10/04/2018 6:20 am	CC/B	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-4	SJLES 1 1st Draw	10/05/2018 5:05 am	KS	Furnace AA	Lead	1 ug/L	1.4 ug/L	
610739-5	SJLES 2 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-6	SJLES 4 1st Draw	10/05/2018 5:05 am	TL	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-7	SJLES 5 1st Draw	10/05/2018 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	1.6 ug/L	
610739-8	SJLES 6 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-9	SJLES 7 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-10	SJLES 8 1st Draw	10/05/2018 5:05 am	CC/S	Furnace AA	Lead	1 ug/L	2.7 ug/L	
610739-11	SJLES 9 1st Draw	10/05/2018 5:05 am	CC/S	Furnace AA	Lead	1 ug/L	1.9 ug/L	
610739-12	SJLES 10 1st Draw	10/05/2018 5:05 am	CC/S	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-13	SJLES 11 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-14	SJLES 12 1st Draw	10/05/2018 5:05 am	OT.7	Furnace AA	Lead	1 ug/L	7.3 ug/L	
610739-15	SJLES 13 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	2 ug/L	
610739-16	SJLES 14 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-17	SJLES 15 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-18	SJLES 16 1st Draw	10/05/2018 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-19	SJLES 17 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-20	SJLES 18 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	



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610739-21	SJLES 19 1st Draw	10/05/2018 5:05 am	DF/B	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-22	SJLES 20 1st Draw	10/05/2018 5:05 am	DF/B	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-23	SJLES 21 1st Draw	10/05/2018 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-24	SJLES 22 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	1.9 ug/L	
610739-25	SJLES 23 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	54 ug/L	This sample has an elevated level of lead (above 20.5 ppb).
610739-26	SJLES 24 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-27	SJLES 25 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	1.2 ug/L	
610739-28	SJLES 26 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-29	SJLES 27 1st Draw	10/05/2018 5:05 am	DF/C	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-30	SJLES 28 1st Draw	10/05/2018 5:05 am	OT.2	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-31	SJLES 29 1st Draw	10/05/2018 5:05 am	NO	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-32	SJLES 30 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 ug/L	
610739-33	SJLES 31 1st Draw	10/05/2018 5:05 am	CR	Furnace AA	Lead	1 ug/L	< 1 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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