

Prairie Analytical Systems, Inc.

Date: 12/7/2017

LABORATORY RESULTS

Client:	Aires Consulting Group									
Project:	Berkeley SD 87/ North Lake Middle School									
Client Sample ID:	NLS-1A					Lab Order:	17K0619			
Collection Date:	11/16/17 5:13					Lab ID:	17K0619-01			
						Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:23	EPA200.8 R5.	KSH	
Client Sample ID:	NLS-1B					Lab ID:	17K0619-02			
Collection Date:	11/16/17 5:14					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:34	EPA200.8 R5.	KSH	
Client Sample ID:	NLS-2A					Lab ID:	17K0619-03			
Collection Date:	11/16/17 5:15					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	2.00	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:37	EPA200.8 R5.	KSH	
Client Sample ID:	NLS-2B					Lab ID:	17K0619-04			
Collection Date:	11/16/17 5:16					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:39	EPA200.8 R5.	KSH	
Client Sample ID:	NLS-3A					Lab ID:	17K0619-05			
Collection Date:	11/16/17 5:18					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:41	EPA200.8 R5.	KSH	
Client Sample ID:	NLS-3B					Lab ID:	17K0619-06			
Collection Date:	11/16/17 5:19					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:43	EPA200.8 R5.	KSH	
Client Sample ID:	NLS-4A					Lab ID:	17K0619-07			
Collection Date:	11/16/17 5:20					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:45	EPA200.8 R5.	KSH	

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Client: Aires Consulting Group
 Project: Berkeley SD 87/ North Lake Middle School Lab Order: 17K0619

Client Sample ID: NLS-4B Lab ID: 17K0619-08
 Collection Date: 11/16/17 5:22 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	11/29/17 15:00	11/30/17 17:52	EPA200.8 R5.	KSH

Client Sample ID: NL-IF Lab ID: 17K0619-09
 Collection Date: 11/16/17 5:30 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	11/29/17 15:00	11/30/17 18:05	EPA200.8 R5.	KSH

Conventional Chemistry Parameters

pH	8.49	0.0100		pH Units	1	11/16/17 5:30	11/16/17 5:30	EPA150.1	
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LABORATORY RESULTS

Client: Aires Consulting Group

Project: Berkeley SD 87/ North Lake Middle School

Lab Order: 17K0619

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Notes
Batch A007739 - EPA 200.8 Metals										
Blank (A007739-BLK1)										
				Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	U	2.00	µg/L							
LCS (A007739-BS1)										
				Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	469	2.00	µg/L	500.00	94	85-115				
Matrix Spike (A007739-MS1)										
				Source: 17K0618-05 Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	437	2.00	µg/L	500.00	0.292	87	75-125			
Matrix Spike (A007739-MS2)										
				Source: 17K0618-15 Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	440	2.00	µg/L	500.00	0.766	88	75-125			
Matrix Spike Dup (A007739-MSD1)										
				Source: 17K0618-05 Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	442	2.00	µg/L	500.00	0.292	88	75-125	1	20	
Matrix Spike Dup (A007739-MSD2)										
				Source: 17K0618-15 Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	447	2.00	µg/L	500.00	0.766	89	75-125	2	20	
Batch A007740 - EPA 200.8 Metals										
Blank (A007740-BLK1)										
				Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	U	2.00	µg/L							
LCS (A007740-BS1)										
				Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	460	2.00	µg/L	500.00	92	85-115				
Matrix Spike (A007740-MS1)										
				Source: 17K0619-08 Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	445	2.00	µg/L	500.00	0.861	89	75-125			

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Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch A007740 - EPA 200.8 Metals									
Matrix Spike (A007740-MS2)		Source: 17K0621-02			Prepared: 11/29/201 Analyzed: 11/30/201				
Lead	443	2.00	µg/L	500.00	0.200	89	75-125		
Matrix Spike Dup (A007740-MSD1)		Source: 17K0619-08			Prepared: 11/29/201 Analyzed: 11/30/201				
Lead	442	2.00	µg/L	500.00	0.861	88	75-125	0.5	20
Matrix Spike Dup (A007740-MSD2)		Source: 17K0621-02			Prepared: 11/29/201 Analyzed: 11/30/201				
Lead	444	2.00	µg/L	500.00	0.200	89	75-125	0.3	20

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Notes and Definitions

- * NELAC certified compound.
- U Analyte not detected (i.e. less than RL or MDL).