

Prairie Analytical Systems, Inc.

Date: 12/7/2017

LABORATORY RESULTS

Client:	Aires Consulting Group									
Project:	Berkeley School District 87/ Riley School					Lab Order:	17K0618			
Client Sample ID:	REWF-1A					Lab ID:	17K0618-01			
Collection Date:	11/16/17 5:33					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 14:57	11/30/17 16:20	EPA200.8 R5.	KSH	
Client Sample ID:	REWF-1B					Lab ID:	17K0618-02			
Collection Date:	11/16/17 5:34					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 14:57	11/30/17 16:22	EPA200.8 R5.	KSH	
Client Sample ID:	RES-2A					Lab ID:	17K0618-03			
Collection Date:	11/16/17 5:35					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 14:57	11/30/17 16:24	EPA200.8 R5.	KSH	
Client Sample ID:	RES-2B					Lab ID:	17K0618-04			
Collection Date:	11/16/17 5:36					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 14:57	11/30/17 16:26	EPA200.8 R5.	KSH	
Client Sample ID:	REWF-3A					Lab ID:	17K0618-05			
Collection Date:	11/16/17 5:38					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 16:39	EPA200.8 R5.	KSH	
Client Sample ID:	REWF-3B					Lab ID:	17K0618-06			
Collection Date:	11/16/17 5:40					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 16:46	EPA200.8 R5.	KSH	
Client Sample ID:	REWF-4A					Lab ID:	17K0618-07			
Collection Date:	11/16/17 5:42					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 16:48	EPA200.8 R5.	KSH	

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Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Client: Aires Consulting Group									
Project: Berkeley School District 87/ Riley School									
Lab Order: 17K0618									
Client Sample ID: REWF-4B									
Collection Date: 11/16/17 5:42									
Lab ID: 17K0618-08									
Matrix: Drinking Water									
Analyses									
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 16:50	EPA200.8 R5.	KSH
Client Sample ID: REWF-5A									
Collection Date: 11/16/17 5:45									
Lab ID: 17K0618-09									
Matrix: Drinking Water									
Analyses									
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 16:53	EPA200.8 R5.	KSH
Client Sample ID: REWF-5B									
Collection Date: 11/16/17 5:46									
Lab ID: 17K0618-10									
Matrix: Drinking Water									
Analyses									
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 16:55	EPA200.8 R5.	KSH
Client Sample ID: REWF-6A									
Collection Date: 11/16/17 5:47									
Lab ID: 17K0618-11									
Matrix: Drinking Water									
Analyses									
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:04	EPA200.8 R5.	KSH
Client Sample ID: REWF-6B									
Collection Date: 11/16/17 5:47									
Lab ID: 17K0618-12									
Matrix: Drinking Water									
Analyses									
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:06	EPA200.8 R5.	KSH
Client Sample ID: REWF-7A									
Collection Date: 11/16/17 5:48									
Lab ID: 17K0618-13									
Matrix: Drinking Water									
Analyses									
Metals by ICP-MS									
*Lead	3.47	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:08	EPA200.8 R5.	KSH
Client Sample ID: REWF-7B									
Collection Date: 11/16/17 5:48									
Lab ID: 17K0618-14									
Matrix: Drinking Water									
Analyses									
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:10	EPA200.8 R5.	KSH

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LABORATORY RESULTS

Client: Aires Consulting Group
 Project: Berkeley School District 87/ Riley School
 Client Sample ID: REWF-7B
 Collection Date: 11/16/17 5:48

Lab Order: 17K0618
 Lab ID: 17K0618-14
 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: REWF-8A
 Collection Date: 11/16/17 5:50

Lab ID: 17K0618-15
 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:12	EPA200.8 R5.	KSH
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Client Sample ID: REWF-8B
 Collection Date: 11/16/17 5:51

Lab ID: 17K0618-16
 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:19	EPA200.8 R5.	KSH
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Client Sample ID: REIF
 Collection Date: 11/16/17 5:55

Lab ID: 17K0618-17
 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	11/29/17 14:59	11/30/17 17:21	EPA200.8 R5.	KSH
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Conventional Chemistry Parameters

pH	8.19	0.0100		pH Units	1	11/16/17 5:55	11/16/17 5:55	EPA150.1	
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Client: Aires Consulting Group
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Lab Order: 17K0618

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
Batch A007737 - EPA 200.8 Metals										
Blank (A007737-BLK1)										
				Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	U	2.00	µg/L							
LCS (A007737-BS1)										
				Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	465	2.00	µg/L	500.00		93	85-115			
Matrix Spike (A007737-MS1)										
				Source: 17K0616-01 Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	438	2.00	µg/L	500.00	0.173	88	75-125			
Matrix Spike (A007737-MS2)										
				Source: 17K0617-05 Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	441	2.00	µg/L	500.00	0.982	88	75-125			
Matrix Spike Dup (A007737-MSD1)										
				Source: 17K0616-01 Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	450	2.00	µg/L	500.00	0.173	90	75-125	3	20	
Matrix Spike Dup (A007737-MSD2)										
				Source: 17K0617-05 Prepared: 11/29/201 Analyzed: 11/30/201						
Lead	441	2.00	µg/L	500.00	0.982	88	75-125	0.1	20	
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			

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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										
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	

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Notes and Definitions

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