



Reynolds School I  
Administration C  
1204 NE 201<sup>st</sup> /  
Fairview, OR  
503.661.7200 • FAX 503.66

### Davis First Round Water Testing June 2016

Sample ID	RESULT	ug/L
DAV01	FAIL	394 ug/L
DAV02	PASS	
DAV03	PASS	
DAV04	FAIL	345 ug/L
DAV05	FAIL	74.9 ug/L
DAV06	FAIL	37.0 ug/L
DAV07	PASS	
DAV08	FAIL	21.0 ug/L
DAV09	FAIL	84 ug/L
DAV10	FAIL	623 ug/L
DAV11	PASS	
DAV12	PASS	
DAV13	FAIL	25.3 ug/L
DAV14	PASS	
DAV15	FAIL	209 ug/L



Reynolds School District  
 Administration Center  
 1204 NE 201st Avenue  
 Fairview, OR 97008  
 503.661.7200 • FAX 503.661.7201

### Davis First Round Water Testing June 2016

DAV16	TESTED BUT NOT POTABLE - RESULTS DEEMED UNECESSARY	
DAV17	PASS	
DAV18	PASS	
DAV19	PASS	
DAV20	PASS	
DAV21	FAIL	27.0 ug/L
DAV22	FAIL	41.5 ug/L
DAV23	PASS	
DAV24	FAIL	83.2 ug/L
DAV25	FAIL	370 ug/L
DAV26	FAIL	233 ug/L
DAV27	FAIL	107 ug/L
DAV28	FAIL	25.5 ug/L
DAV29	FAIL	437 ug/L
DAV30	FAIL	19.7 ug/L



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### Davis First Round Water Testing June 2016

DAV31	PASS	
DAV32	FAIL	36.0 ug/L
DAV33	FAIL	88.5 ug/L
DAV34	FAIL	57.1 ug/L
DAV35	FAIL	107 ug/L
DAV36	FAIL	24.7 ug/L
DAV37		
DAV38		
DAV39		
DAV40		
DAV41		
DAV42		
DAV43		
DAV44		
DAV45		

**BOTTLES NOT USED**



Reynolds School District  
 Administration Offices  
 1204 NE 201<sup>st</sup> Avenue  
 Fairview, OR 97024  
 503.661.7200 • FAX 503.667.6932

### Davis Water Testing June 2016

Sampled By: Diane Spangler 06/14/16

Sample ID	Location (Classroom# or Faucet Loc.)	Date	
DAV01	Classroom #1 Drinking fountain	6/14/16 22:12	✓
DAV02	SE Hall Drinking Fountain by Restrooms Left/Tail	6/14/16 22:14	✓
DAV03	SE Hall Drinking Fountain by Restrooms Right/Short	6/14/16 22:15	✓
DAV04	Class Room #2 Drinking fountain	6/14/16 22:19	✓
DAV05	Room #3 Drinking fountain	6/14/16 22:21	✓
DAV06	Room #5 Drinking fountain	6/14/16 22:24	✓
DAV07	Room #4 Drinking fountain	6/14/16 22:25	✓
DAV08	Room #6 Drinking fountain	6/14/16 22:29	✓
DAV09	Room #7 Drinking fountain	6/14/16 22:32	✓
DAV10	Room #9 Drinking fountain	6/14/16 22:34	✓
DAV11	Room #8 Drinking fountain	6/14/16 22:36	✓
DAV12	Health room Sink faucet	6/14/16 22:39	✓
DAV13	<del>Room #10</del> Gym Hall Drinking fountain by Boys Bathroom (Left Side)	6/14/16 22:51	✓
DAV14	Gym Hall Drinking fountain Girls bathroom (Right side)	6/14/16 22:52	✓
DAV15	<del>Room #11</del> west Gym Hall Drinking fountain by Ramp Leftside/short	6/14/16 23:04	✓
DAV 34	Gym west Hall Drinking fountain by Ramp Right Side/Tail	6/14/16 23:05	✓



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### Davis Water Testing June 2016

Sampled By: Lawrence Spangler

Sample ID	Location (Classroom# or Faucet Loc.)	Time	Date	
DAV16	Dishwasher sink -	2210	6/14/16	✓
DAV17	Deep sinks	2212	"	✓
DAV18	Drinking fountain - taller (left)	2216	"	✓
DAV19	Drinking fountain - shorter (right)	2217	"	✓
DAV20	Library work Rm. sink	2220	"	✓
DAV21	Rm. 10 sink drinking fountain	2203	"	✓
DAV22	Staff lounge sink filtered	2227	"	✓
DAV23	Water machine/dispenser	2229	"	✓
DAV24	Rm. 16 drinking fountain on sink	2233	"	✓
DAV25	Rm 18 " " "	2236	"	✓
DAV26	Rm 17 " " "	2238	"	✓
DAV27	Rm 19 " " "	2240	"	✓
DAV28	Rm 20 " " "	2242	"	✓
DAV29	Rm 22 " " "	2247	"	✓
DAV30	Rm 24 Sink only	2250	"	✓



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Davis Water Testing June 2016

Sampled By: Lawrence Spangler

Sample ID	Location (Classroom# or Faucet Loc.)	Date
DAV31	Rest Rooms East End fountain	2258 6/14/16
DAV32	Rm. 23 Sink drinking fountain	2302 "
DAV33	Rm 21 " " "	2305 "
<del>DAV34</del>	Rm 15 " " "	↓ "
DAV35	↗ ↖ ↗	2309 "
DAV36	Rm 14 " "	2311 "
DAV37		
DAV38		
DAV39		
DAV40		
DAV41		
DAV42		
DAV43		
DAV44		
DAV45		

✓  
 ✓  
 ✓

# Apex Labs

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323 Phone  
503-718-0333 Fax

Saturday, July 30, 2016

Rich Dufresne  
PBS Engineering and Environmental  
4412 SW Corbett Ave  
Portland, OR 97239

RE: Reynolds School-Davis / PR 23514.022

Enclosed are the results of analyses for work order A6F0682, which was received by the laboratory on 6/21/2016 at 10:10:00AM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: [ldomenighini@apex-labs.com](mailto:ldomenighini@apex-labs.com), or by phone at 503-718-2323.

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Lisa Domenighini, Client Services Manager

**PBS Engineering and Environmental**

4412 SW Corbett Ave  
 Portland, OR 97239

Project: **Reynolds School-Davis**

Project Number: PR 23514.022  
 Project Manager: Rich Dufresne

Reported:  
 07/30/16 12:38

## ANALYTICAL REPORT FOR SAMPLES

### SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DAV 01	A6F0682-01	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 02	A6F0682-02	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 03	A6F0682-03	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 04	A6F0682-04	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 05	A6F0682-05	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 06	A6F0682-06	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 07	A6F0682-07	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 08	A6F0682-08	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 09	A6F0682-09	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 10	A6F0682-10	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 11	A6F0682-11	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 12	A6F0682-12	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 13	A6F0682-13	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 14	A6F0682-14	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 15	A6F0682-15	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 16	A6F0682-16	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 17	A6F0682-17	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 18	A6F0682-18	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 19	A6F0682-19	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 20	A6F0682-20	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 21	A6F0682-21	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 22	A6F0682-22	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 23	A6F0682-23	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 24	A6F0682-24	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 25	A6F0682-25	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 26	A6F0682-26	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 27	A6F0682-27	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 28	A6F0682-28	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 29	A6F0682-29	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 30	A6F0682-30	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 31	A6F0682-31	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 32	A6F0682-32	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 33	A6F0682-33	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 34	A6F0682-34	Drinking Water	06/14/16 00:00	06/21/16 10:10
DAV 35	A6F0682-35	Drinking Water	06/14/16 00:00	06/21/16 10:10

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Lisa Domenighini, Client Services Manager



**PBS Engineering and Environmental**

4412 SW Corbett Ave  
Portland, OR 97239

Project: **Reynolds School-Davis**

Project Number: PR 23514.022  
Project Manager: Rich Dufresne

**Reported:**  
07/30/16 12:38

## ANALYTICAL REPORT FOR SAMPLES

### SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DAV 36	A6F0682-36	Drinking Water	06/14/16 00:00	06/21/16 10:10

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Project: **Reynolds School-Davis**  
Project Number: PR 23514.022  
Project Manager: Rich Dufresne

Reported:  
07/30/16 12:38

## ANALYTICAL SAMPLE RESULTS

### Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting		Dilution	Date Analyzed	Method	Notes
			Limit	Units				
<b>DAV 01 (A6F0682-01)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	394	---	0.200	ug/L	1	07/20/16 19:58	EPA 200.8	DW-D
<b>DAV 02 (A6F0682-02)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	2.80	---	0.200	ug/L	1	07/01/16 19:05	EPA 200.8	
<b>DAV 03 (A6F0682-03)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	16.4	---	0.200	ug/L	1	07/01/16 19:06	EPA 200.8	
<b>DAV 04 (A6F0682-04)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	345	---	0.200	ug/L	1	07/20/16 19:59	EPA 200.8	DW-D
<b>DAV 05 (A6F0682-05)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	74.9	---	0.200	ug/L	1	07/20/16 20:07	EPA 200.8	DW-D
<b>DAV 06 (A6F0682-06)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	37.0	---	0.200	ug/L	1	07/20/16 20:10	EPA 200.8	DW-D
<b>DAV 07 (A6F0682-07)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	8.62	---	0.200	ug/L	1	07/01/16 19:14	EPA 200.8	
<b>DAV 08 (A6F0682-08)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	21.0	---	0.200	ug/L	1	07/20/16 20:13	EPA 200.8	DW-D
<b>DAV 09 (A6F0682-09)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	84.0	---	0.200	ug/L	1	07/20/16 20:15	EPA 200.8	DW-D
<b>DAV 10 (A6F0682-10RE1)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	623	---	2.00	ug/L	10	07/20/16 20:28	EPA 200.8	DW-D
<b>DAV 11 (A6F0682-11)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	18.8	---	0.200	ug/L	1	07/20/16 20:35	EPA 200.8	DW-D
<b>DAV 12 (A6F0682-12)</b>			<b>Matrix: Drinking Water</b>					

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Project: **Reynolds School-Davis**  
 Project Number: PR 23514.022  
 Project Manager: Rich Dufresne

Reported:  
 07/30/16 12:38

## ANALYTICAL SAMPLE RESULTS

### Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting		Dilution	Date Analyzed	Method	Notes
			Limit	Units				
<b>DAV 12 (A6F0682-12)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	9.50	---	0.200	ug/L	1	07/01/16 19:20	EPA 200.8	
<b>DAV 13 (A6F0682-13)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	25.3	---	0.200	ug/L	1	07/01/16 19:21	EPA 200.8	
<b>DAV 14 (A6F0682-14)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	7.59	---	0.200	ug/L	1	07/01/16 19:23	EPA 200.8	
<b>DAV 15 (A6F0682-15)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	209	---	0.200	ug/L	1	07/01/16 19:24	EPA 200.8	
<b>DAV 16 (A6F0682-16)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	0.489	---	0.200	ug/L	1	07/01/16 19:26	EPA 200.8	
<b>DAV 17 (A6F0682-17)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	17.4	---	0.200	ug/L	1	07/20/16 20:22	EPA 200.8	DW-D
<b>DAV 18 (A6F0682-18)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	ND	---	0.200	ug/L	1	07/01/16 19:27	EPA 200.8	
<b>DAV 19 (A6F0682-19)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	ND	---	0.200	ug/L	1	07/01/16 19:32	EPA 200.8	
<b>DAV 20 (A6F0682-20)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	4.88	---	0.200	ug/L	1	07/01/16 19:34	EPA 200.8	
<b>DAV 21 (A6F0682-21)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	27.0	---	0.200	ug/L	1	07/01/16 19:36	EPA 200.8	
<b>DAV 22 (A6F0682-22)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	41.5	---	0.200	ug/L	1	07/20/16 20:25	EPA 200.8	DW-D
<b>DAV 23 (A6F0682-23)</b>			<b>Matrix: Drinking Water</b>					

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**PBS Engineering and Environmental**  
4412 SW Corbett Ave  
Portland, OR 97239

Project: **Reynolds School-Davis**  
Project Number: PR 23514.022  
Project Manager: Rich Dufresne

Reported:  
07/30/16 12:38

## ANALYTICAL SAMPLE RESULTS

### Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting		Dilution	Date Analyzed	Method	Notes
			Limit	Units				
<b>DAV 23 (A6F0682-23)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	ND	---	0.200	ug/L	1	07/01/16 19:37	EPA 200.8	
<b>DAV 24 (A6F0682-24)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	83.2	---	0.200	ug/L	1	07/20/16 20:26	EPA 200.8	DW-D
<b>DAV 25 (A6F0682-25)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	370	---	0.200	ug/L	1	07/20/16 20:31	EPA 200.8	DW-D
<b>DAV 26 (A6F0682-26)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	233	---	0.200	ug/L	1	07/20/16 20:33	EPA 200.8	DW-D
<b>DAV 27 (A6F0682-27)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	107	---	0.200	ug/L	1	07/20/16 20:36	EPA 200.8	DW-D
<b>DAV 28 (A6F0682-28)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	25.5	---	0.200	ug/L	1	07/01/16 19:39	EPA 200.8	
<b>DAV 29 (A6F0682-29)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	437	---	0.200	ug/L	1	07/20/16 20:45	EPA 200.8	DW-D
<b>DAV 30 (A6F0682-30)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	19.7	---	0.200	ug/L	1	07/01/16 19:40	EPA 200.8	
<b>DAV 31 (A6F0682-31)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070033								
Lead	4.68	---	0.200	ug/L	1	07/01/16 19:42	EPA 200.8	
<b>DAV 32 (A6F0682-32)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	36.0	---	0.200	ug/L	1	07/20/16 20:43	EPA 200.8	DW-D
<b>DAV 33 (A6F0682-33)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070625								
Lead	88.5	---	0.200	ug/L	1	07/20/16 20:46	EPA 200.8	DW-D
<b>DAV 34 (A6F0682-34)</b>			<b>Matrix: Drinking Water</b>					

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 4412 SW Corbett Ave  
 Portland, OR 97239

Project: **Reynolds School-Davis**  
 Project Number: PR 23514.022  
 Project Manager: Rich Dufresne

**Reported:**  
 07/30/16 12:38

## ANALYTICAL SAMPLE RESULTS

### Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting		Dilution	Date Analyzed	Method	Notes
			Limit	Units				
<b>DAV 34 (A6F0682-34)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070034								
<b>Lead</b>	<b>57.1</b>	---	0.200	ug/L	1	07/01/16 19:56	EPA 200.8	
<b>DAV 35 (A6F0682-35RE1)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070782								
<b>Lead</b>	<b>107</b>	---	0.200	ug/L	1	07/27/16 17:33	EPA 200.8	DW-D
<b>DAV 36 (A6F0682-36)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070782								
<b>Lead</b>	<b>24.7</b>	---	0.500	ug/L	1	07/26/16 19:02	EPA 200.8	DW-D

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Lisa Domenighini, Client Services Manager

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4412 SW Corbett Ave  
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Project: **Reynolds School-Davis**  
Project Number: PR 23514.022  
Project Manager: Rich Dufresne

**Reported:**  
07/30/16 12:38

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6070033 - Matrix Matched Direct Inject</b>						<b>Drinking Water</b>						
<b>Blank (6070033-BLK1)</b>						Prepared: 07/01/16 11:31 Analyzed: 07/01/16 18:48						
<b>EPA 200.8</b>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
<b>LCS (6070033-BS1)</b>						Prepared: 07/01/16 11:31 Analyzed: 07/01/16 18:50						
<b>EPA 200.8</b>												
Lead	15.0	---	0.200	ug/L	1	16.7	---	90	85-115%	---	---	---
<b>Matrix Spike (6070033-MS2)</b>						Prepared: 07/01/16 11:31 Analyzed: 07/01/16 19:44						
<b>QC Source Sample: DAV 31 (A6F0682-31)</b>												
<b>EPA 200.8</b>												
Lead	23.2	---	0.200	ug/L	1	16.7	4.68	111	70-130%	---	---	---
<b>Batch 6070034 - Matrix Matched Direct Inject</b>						<b>Drinking Water</b>						
<b>Blank (6070034-BLK1)</b>						Prepared: 07/01/16 11:35 Analyzed: 07/01/16 19:47						
<b>EPA 200.8</b>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
<b>LCS (6070034-BS1)</b>						Prepared: 07/01/16 11:35 Analyzed: 07/01/16 19:48						
<b>EPA 200.8</b>												
Lead	15.2	---	0.200	ug/L	1	16.7	---	91	85-115%	---	---	---



**PBS Engineering and Environmental**  
 4412 SW Corbett Ave  
 Portland, OR 97239

Project: **Reynolds School-Davis**  
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**Reported:**  
 07/30/16 12:38

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6070625 - EPA 3015A</b>						<b>Drinking Water</b>						
<b>Blank (6070625-BLK1)</b>						Prepared: 07/20/16 15:44 Analyzed: 07/20/16 19:55						
<b>EPA 200.8</b>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	DW-D
<b>LCS (6070625-BS1)</b>						Prepared: 07/20/16 15:44 Analyzed: 07/20/16 19:56						
<b>EPA 200.8</b>												
Lead	15.6	---	0.200	ug/L	1	16.7	---	93	85-115%	---	---	DW-D
<b>Duplicate (6070625-DUP1)</b>						Prepared: 07/20/16 15:44 Analyzed: 07/20/16 20:09						
<b>QC Source Sample: DAV 05 (A6F0682-05)</b>												
<b>EPA 200.8</b>												
Lead	75.0	---	0.200	ug/L	1	---	74.9	---	---	0.2	20%	DW-D
<b>Matrix Spike (6070625-MS1)</b>						Prepared: 07/20/16 15:44 Analyzed: 07/20/16 20:12						
<b>QC Source Sample: DAV 06 (A6F0682-06)</b>												
<b>EPA 200.8</b>												
Lead	54.0	---	0.200	ug/L	1	16.7	37.0	102	70-130%	---	---	DW-D



**PBS Engineering and Environmental**  
 4412 SW Corbett Ave  
 Portland, OR 97239

Project: **Reynolds School-Davis**  
 Project Number: PR 23514.022  
 Project Manager: Rich Dufresne

**Reported:**  
 07/30/16 12:38

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6070782 - EPA 3015A</b>						<b>Drinking Water</b>						
<b>Blank (6070782-BLK1)</b>						Prepared: 07/26/16 11:59 Analyzed: 07/26/16 18:56						
<b>EPA 200.8</b>												
Lead	ND	---	0.500	ug/L	1	---	---	---	---	---	---	---
<b>LCS (6070782-BS1)</b>						Prepared: 07/26/16 11:59 Analyzed: 07/26/16 18:58						
<b>EPA 200.8</b>												
Lead	16.3	---	0.500	ug/L	1	16.7	---	98	85-115%	---	---	---

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Lisa Domenighini, Client Services Manager

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**PBS Engineering and Environmental**

4412 SW Corbett Ave  
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Project Number: PR 23514.022  
 Project Manager: Rich Dufresne

Reported:  
 07/30/16 12:38

**SAMPLE PREPARATION INFORMATION**

**Total Metals in Drinking Water by EPA 200.8 (ICPMS)**

**Prep: EPA 3015A**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<b>Batch: 6070625</b>							
A6F0682-01	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-04	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-05	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-06	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-08	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-09	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-10RE1	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-11	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-17	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-22	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-24	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-25	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-26	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-27	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-29	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-32	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00
A6F0682-33	Drinking Wa	EPA 200.8	06/14/16 00:00	07/20/16 15:44	45mL/50mL	45mL/50mL	1.00

**Batch: 6070782**

A6F0682-35RE1	Drinking Wa	EPA 200.8	06/14/16 00:00	07/26/16 11:59	45mL/50mL	45mL/50mL	1.00
A6F0682-36	Drinking Wa	EPA 200.8	06/14/16 00:00	07/26/16 11:59	45mL/50mL	45mL/50mL	1.00

**Prep: Matrix Matched Direct Inject**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<b>Batch: 6070033</b>							
A6F0682-02	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-03	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-07	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-12	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-13	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-14	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-15	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-16	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-18	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-19	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00

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Lisa Domenighini, Client Services Manager

**PBS Engineering and Environmental**

4412 SW Corbett Ave  
 Portland, OR 97239

Project: **Reynolds School-Davis**

Project Number: PR 23514.022  
 Project Manager: Rich Dufresne

Reported:  
 07/30/16 12:38

**SAMPLE PREPARATION INFORMATION**

**Total Metals in Drinking Water by EPA 200.8 (ICPMS)**

**Prep: Matrix Matched Direct Inject**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A6F0682-20	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-21	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-23	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-28	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-30	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
A6F0682-31	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:31	45mL/50mL	45mL/50mL	1.00
<b>Batch: 6070034</b>							
A6F0682-34	Drinking Wa	EPA 200.8	06/14/16 00:00	07/01/16 11:35	45mL/50mL	45mL/50mL	1.00



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Reported:  
07/30/16 12:38

## Notes and Definitions

### Qualifiers:

DW-D Turbidity greater than 1 NTU. Sample was digested per EPA Method 200.8.

### Notes and Conventions:

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. Results listed as 'wet' or without 'dry' designation are not dry weight corrected.

RPD Relative Percent Difference

MDL If MDL is not listed, data has been evaluated to the Method Reporting Limit only.

WMSC Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.

Batch QC Unless specifically requested, this report contains only results for Batch QC derived from client samples included in this report. All analyses were performed with the appropriate Batch QC (including Sample Duplicates, Matrix Spikes and/or Matrix Spike Duplicates) in order to meet or exceed method and regulatory requirements. Any exceptions to this will be qualified in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.

Blank Policy Apex assesses blank data for potential high bias down to a level equal to 1/2 the method reporting limit (MRL), except for conventional chemistry and HCID analyses which are assessed only to the MRL. Sample results flagged with a B or B-02 qualifier are potentially biased high if they are less than ten times the level found in the blank for inorganic analyses or less than five times the level found in the blank for organic analyses.

For accurate comparison of volatile results to the level found in the blank; water sample results should be divided by the dilution factor, and soil sample results should be divided by 1/50 of the sample dilution to account for the sample prep factor.

Results qualified as reported below the MRL may include a potential high bias if associated with a B or B-02 qualified blank. B and B-02 qualifications are not applied to J qualified results reported below the MRL.

--- QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

\*\*\* Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

**PBS Engineering and Environmental**  
4412 SW Corbett Ave  
Portland, OR 97239

Project: **Reynolds School-Davis**  
Project Number: PR 23514.022  
Project Manager: Rich Dufresne

Reported:  
07/30/16 12:38

**CHAIN OF CUSTODY**

Lab # AGF0682 of         

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: PBS	Project Mgr: <u>Reynolds School-Davis</u>	Project Name: <u>Reynolds School-Davis</u>	Project #/PO# <u>23514.022</u>			
4412 SW Corbett Ave, Portland, OR 97239	Phone: (503) 248-1939	Fax: <u>        </u>	Email: <u>reynolds@rsd7.net</u>			
Sampled by: <u>DAVIS SPANGLER</u>						
<b>ANALYSIS REQUEST</b>						
SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	200.9 Lead
DAV 01		07-14	2211	DW		
02			2214			
03			2215			
04			2219			
05			2221			
06			2224			
07			2225			
08			2229			
09			2232			
10			2234			

Normal Turn Around Time (TAT) to Business Days

TAT Requested (circle) 1 DAY 2 DAY 3 DAY  
4 DAY 5 DAY Other:         

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: <u>[Signature]</u> Printed Name: <u>Rich Dufresne</u> Company: <u>PBS Engineering and Environmental</u>	RECEIVED BY: Signature: <u>[Signature]</u> Printed Name: <u>Rich Dufresne</u> Company: <u>APEX</u>
Date: <u>07-27-16</u> Time: <u>1:00</u>	Date: <u>        </u> Time: <u>        </u>

SPECIAL INSTRUCTIONS:

Apex Laboratories

*Lisa Domenighini*

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**PBS Engineering and Environmental**  
 4412 SW Corbett Ave  
 Portland, OR 97239

Project: **Reynolds School-Davis**  
 Project Number: PR 23514.022  
 Project Manager: Rich Dufresne

Reported:  
 07/30/16 12:38

**CHAIN OF CUSTODY**

Company: **PBS**      Project Mgr: **Reynolds, Rich**      Project #/POR# **23514.022**  
 12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333      Email: **rich@reynolds.net**  
 4412 SW Corbett Ave, Portland, OR 97239      Phone: (503) 248-1939      Fax: **503-718-0333**

Lab # **AL6F0682**      COC # **2** of **2**

Sampled by: **ANNIE SPANGLER**      Project Name: **Reynolds, Rich**

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	200g Lead
<b>DA11</b>		<b>06-14</b>	<b>9:30</b>	<b>DW</b>		
<b>12</b>		<b>06-14</b>	<b>9:39</b>			
<b>13</b>		<b>06-14</b>	<b>08:57</b>			
<b>14</b>		<b>06-14</b>	<b>08:58</b>			
<b>15</b>		<b>06-14</b>	<b>2:30</b>			

**ANALYSIS REQUEST**

Normal Turn Around Time (TAT) 10 Business Days

TAT Requested (circle)      1 DAY      2 DAY      3 DAY      4 DAY      5 DAY      Other: \_\_\_\_\_

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: <b>[Signature]</b>	Date: <b>08-16</b>	RECEIVED BY: Signature: <b>[Signature]</b>	Date: _____
Printed Name: <b>ANN SPANGLER</b>	Time: <b>10:00</b>	Printed Name: _____	Time: _____
Company: <b>ESS</b>		Company: <b>APEX</b>	

SPECIAL INSTRUCTIONS:

Apex Laboratories

*Lisa Domenighini*

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**PBS Engineering and Environmental**  
4412 SW Corbett Ave  
Portland, OR 97239

Project: **Reynolds School-Davis**  
Project Number: PR 23514.022  
Project Manager: Rich Dufresne

Reported:  
07/30/16 12:38

**CHAIN OF CUSTODY**

Company: **PBS**      Project Mgr: **Reynolds School-Davis**      Project #/POC# **PR23514.022**  
 4412 SW Corbett Ave, Portland, OR 97239      Phone: (503) 248-1939      Email: **aninver@psd7.net**  
 12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333      Lab # **A6F0682** coc # of \_\_\_\_\_

Sampled by: **ARBY SPANGLER**      Project Name: **Reynolds School-Davis**      Project #/POC# **PR23514.022**  
**DAVIS**      Email: **aninver@psd7.net**

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	200g Lead
DAY 16		08/11	0810	DW		
17		0812	0812			
18		0816	0816			
19		0817	0817			
20		0820	0820			
21		0823	0823			
22		0827	0827			
23		0829	0829			
24		0833	0833			
25		0836	0836			

Normal Turn Around Time (TAT) 10 Business Days

TAT Requested (circle):      1 DAY      2 DAY      3 DAY      4 DAY      5 DAY      Other: \_\_\_\_\_

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: _____ Printed Name: <b>Arby Spangler</b> Company: <b>PBS Engineering and Environmental</b>	RECEIVED BY: Signature: _____ Printed Name: <b>Michael Galle</b> Company: <b>APEX</b>
Date: <b>082116</b>	Date: _____
Time: <b>1000</b>	Time: _____

SPECIAL INSTRUCTIONS:

Apex Laboratories

*Lisa Domenighini*

Lisa Domenighini, Client Services Manager

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**PBS Engineering and Environmental**  
4412 SW Corbett Ave  
Portland, OR 97239

Project: **Reynolds School-Davis**  
Project Number: PR 23514.022  
Project Manager: Rich Dufresne

Reported:  
07/30/16 12:38

**CHAIN OF CUSTODY**

Company: **PBS**      Project Mgr: **Reynolds, R**      Project #/PO# **PR23514.022**  
 4412 SW Corbett Ave, Portland, OR 97239      Phone: (503) 248-1939      Email: **rd@pbes.com**  
 Sampled by: **APPEL SPRINGLES**      Lab # **A6F0682** coc # **4** of **4**

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	200.8 Lead	ANALYSIS REQUEST	
							Method	Notes
DAY 26		06/14	2230	DW				
27		06/14	2240					
28		06/14	2244					
29		06/14	2247					
30		06/15	2250					
31		06/15	2258					
32		06/15	2302					
33		06/15	2305					
35		06/15	2309					
36		06/15	2311					

Normal Turn Around Time (TAT) 10 Business Days

TAT Requested (circle): 1 DAY    2 DAY    3 DAY    4 DAY    5 DAY    Other: \_\_\_\_\_

SPECIAL INSTRUCTIONS:

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: <i>[Signature]</i> Printed Name: <b>APPEL SPRINGLES</b> Company: <b>PBS</b>	RECEIVED BY: Signature: <i>[Signature]</i> Printed Name: <b>Rich Dufresne</b> Company: <b>APPEL SPRINGLES</b>
Date: <b>06-21-16</b> Time: <b>0800</b>	Date: _____ Time: _____
Company: <b>PBS Engineering and Environmental</b>	Company: _____

Apex Laboratories

*Lisa Domenighini*

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