



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

### Hartley First Round Water Testing June 2016

Sample ID	RESULT	ug/L
HAR01	PASS	
HAR02	FAIL	68.3 ug/L
HAR03	FAIL	72.3 ug/L
HAR04	FAIL	31.3 ug/L
HAR05	PASS	
HAR06	FAIL	546 ug/L
HAR07	FAIL	62.6 ug/L
HAR08	PASS	
HAR09	PASS	
HAR10	FAIL	39.6 ug/L
HAR11	FAIL	92.3 ug/L
HAR12	FAIL	69.2 ug/L
HAR13	FAIL	199 ug/L
HAR14	FAIL	401 ug/L
HAR15	FAIL	226 ug/L



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### Hartley First Round Water Testing June 2016

Sample ID	RESULT	ug/L
HAR16	PASS	
HAR17	PASS	
HAR18	PASS	
HAR19	PASS	
HAR20	FAIL	299 ug/L
HAR21	FAIL	49.9 ug/L
HAR22	FAIL	90.6 ug/L
HAR23	FAIL	282 ug/L
HAR24	PASS	
HAR25	FAIL	42.3 ug/L
HAR26	FAIL	73.8 ug/L
HAR27	FAIL	29.1 ug/L
HAR28	PASS	
HAR29	FAIL	19.5 ug/L
HAR30	FAIL	206 ug/L



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Sample ID	RESULT	ug/L
HAR31	PASS	
HAR32	PASS	
HAR33	FAIL	34.5 ug/L
HAR34	FAIL	335 ug/L
HAR35	PASS	
HAR36	PASS	
HAR37		
HAR38		
HAR39		
HAR40		
HAR41		
HAR42		
HAR43		
HAR44		
HAR45		

**BOTTLES NOT USED**



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### Hartley Water Testing June 2016

Sampled By: Diane Spangler 06/15/16

Sample ID	Location (Classroom# or Faucet Loc.)	Date
HAR01	Health Room Sink faucet	6/14/16 23:42
HAR02	South Hall East End Bathroom "B" Drinking Fountain left/short	6/14/16 23:46
HAR03	South Hall East End Bathroom "B" Drinking Fountain Right/Tall	6/14/16 23:47
HAR04	Room #1 Drinking Fountain	6/14/16 23:50
HAR05	Room #3 Drinking Fountain	6/14/16 23:53
HAR06	Room #2 Drinking Fountain	6/14/16 23:56
HAR07	Room #4 Drinking Fountain	6/14/16 23:58
HAR08	Room #5 Drinking Fountain	6/15/16 00:02
HAR09	Room #6 Drinking Fountain	6/15/16 00:04
HAR10	Room #8 Drinking Fountain	6/15/16 00:11
HAR11	Room #9 Drinking Fountain	6/15/16 00:16
HAR12	Room #11 Drinking Fountain	6/15/16 00:20
HAR13	Room #10 Drinking Fountain	6/15/16 00:26
HAR14	Room #13 Drinking Fountain	6/15/16 00:30
HAR15	Room #15 Drinking Fountain	6/15/16 00:33



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### Hartley Water Testing June 2016

Sampled By: Laurence Spangler

Sample ID	Location (Classroom# or Faucet Loc.)	Date
HAR16	Cafe fountain - tall new	2341 6/14/16
HAR17	" " - short "	2342 "
HAR18	Kitchen - deep sink sprayer faucet	2344 "
HAR19	Dishwasher sink - sprayer	2346 "
HAR20	Rm. 21 Sink drinking fountain	2350 "
HAR21	Rm. 20 " " "	2353 "
HAR22	Rm. 18 " " "	2356 "
HAR23	Rm 19 " " "	0010 6/15/16
HAR24	Rm 17 " " "	0014 "
HAR25	Rm 16 " " "	0015 "
HAR26	Restroom drinking fountain - tall	0018 "
HAR27	" " " - short	0020 "
HAR28	Rm. 14 Sink faucet	0023 "
HAR29	Gym drinking fountain - tall	0025 "
HAR30	" " " - short	0026 "



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### Hartley Water Testing June 2016

Sampled By: Lawrence Spangler

Sample ID	Location (Classroom# or Faucet Loc.)	Date
HAR31	Teachers lounge - Sink - filtration = 0033	6/15/16
HAR32	ll ll - cooler - Aqua system 0035	ll
HAR33	South Hall west end Bathroom "A" Drinking Fountain Tall/Right	6/15/16 00:41
HAR34	South Hall west end Bathroom "A" Drinking Fountain Short/Left	6/15/16 00:42
HAR35	Room #12 Sink Faucet	6/15/16 00:43
HAR36	Portable "A" Drinking fountain MFS Room	6/15/16 01:00
HAR37		
HAR38		
HAR39		
HAR40		
HAR41		
HAR42		
HAR43		
HAR44		
HAR45		

# Apex Labs

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

Wednesday, August 3, 2016

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

RE: Reynolds School-Hartley / Reynolds SD #7 / PR23514.02:

Enclosed are the results of analyses for work order A6F0738, 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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Apex Laboratories



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Lisa Domenighini, Client Services Manager

**PBS Engineering and Environmental**

4412 SW Corbett Ave  
 Portland, OR 97239

Project: **Reynolds School-Hartley**

Project Number: Reynolds SD #7 / PR23514.0  
 Project Manager: Rich Dufresne

Reported:  
 08/03/16 20:29

## ANALYTICAL REPORT FOR SAMPLES

### SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HAR 01	A6F0738-01	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 02	A6F0738-02	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 03	A6F0738-03	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 04	A6F0738-04	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 05	A6F0738-05	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 06	A6F0738-06	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 07	A6F0738-07	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 08	A6F0738-08	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 09	A6F0738-09	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 10	A6F0738-10	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 11	A6F0738-11	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 12	A6F0738-12	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 13	A6F0738-13	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 14	A6F0738-14	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 15	A6F0738-15	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 16	A6F0738-16	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 17	A6F0738-17	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 18	A6F0738-18	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 19	A6F0738-19	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 20	A6F0738-20	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 21	A6F0738-21	Drinking Water	06/14/16 00:00	06/21/16 10:10
HAR 22	A6F0738-22	Drinking Water	06/14/16 00:00	06/21/16 10:10
HAR 23	A6F0738-23	Drinking Water	06/14/16 00:00	06/21/16 10:10
HAR 24	A6F0738-24	Drinking Water	06/14/16 00:00	06/21/16 10:10
HAR 25	A6F0738-25	Drinking Water	06/14/16 00:00	06/21/16 10:10
HAR 26	A6F0738-26	Drinking Water	06/14/16 00:00	06/21/16 10:10
HAR 27	A6F0738-27	Drinking Water	06/14/16 00:00	06/21/16 10:10
HAR 28	A6F0738-28	Drinking Water	06/14/16 00:00	06/21/16 10:10
HAR 29	A6F0738-29	Drinking Water	06/14/16 00:00	06/21/16 10:10
HAR 30	A6F0738-30	Drinking Water	06/14/16 00:00	06/21/16 10:10
HAR 31	A6F0738-31	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 32	A6F0738-32	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 33	A6F0738-33	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 34	A6F0738-34	Drinking Water	06/15/16 00:00	06/21/16 10:10
HAR 35	A6F0738-35	Drinking Water	06/15/16 00:00	06/21/16 10:10

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**PBS Engineering and Environmental**

4412 SW Corbett Ave  
Portland, OR 97239

Project: **Reynolds School-Hartley**

Project Number: Reynolds SD #7 / PR23514.0  
Project Manager: Rich Dufresne

Reported:  
08/03/16 20:29

## ANALYTICAL REPORT FOR SAMPLES

### SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HAR 36	A6F0738-36	Drinking Water	06/15/16 00:00	06/21/16 10:10

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Lisa Domenighini, Client Services Manager

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Project Manager: Rich Dufresne

Reported:  
08/03/16 20:29

## ANALYTICAL SAMPLE RESULTS

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
<b>HAR 01 (A6F0738-01) Matrix: Drinking Water</b>								
Batch: 6070184								
Lead	0.900	---	0.200	ug/L	1	07/08/16 13:33	EPA 200.8	
<b>HAR 02 (A6F0738-02) Matrix: Drinking Water</b>								
Batch: 6070184								
Lead	68.3	---	0.200	ug/L	1	07/08/16 13:34	EPA 200.8	
<b>HAR 03 (A6F0738-03) Matrix: Drinking Water</b>								
Batch: 6070184								
Lead	72.3	---	0.200	ug/L	1	07/08/16 13:36	EPA 200.8	
<b>HAR 04 (A6F0738-04) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	31.3	---	0.200	ug/L	1	07/27/16 16:56	EPA 200.8	DW-D
<b>HAR 05 (A6F0738-05) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	14.7	---	0.200	ug/L	1	07/27/16 16:58	EPA 200.8	DW-D
<b>HAR 06 (A6F0738-06RE1) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	546	---	2.00	ug/L	10	07/29/16 16:50	EPA 200.8	DW-D
<b>HAR 07 (A6F0738-07) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	62.6	---	0.200	ug/L	1	07/27/16 17:05	EPA 200.8	DW-D
<b>HAR 08 (A6F0738-08) Matrix: Drinking Water</b>								
Batch: 6070184								
Lead	12.7	---	0.200	ug/L	1	07/08/16 13:37	EPA 200.8	
<b>HAR 09 (A6F0738-09) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	17.2	---	0.200	ug/L	1	07/27/16 17:07	EPA 200.8	DW-D
<b>HAR 10 (A6F0738-10) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	39.6	---	0.200	ug/L	1	07/27/16 17:09	EPA 200.8	DW-D
<b>HAR 11 (A6F0738-11) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	92.3	---	0.200	ug/L	1	07/27/16 17:11	EPA 200.8	DW-D
<b>HAR 12 (A6F0738-12) Matrix: Drinking Water</b>								

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Reported:  
 08/03/16 20:29

## ANALYTICAL SAMPLE RESULTS

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
<b>HAR 12 (A6F0738-12) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	69.2	---	0.200	ug/L	1	07/27/16 17:17	EPA 200.8	DW-D
<b>HAR 13 (A6F0738-13) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	199	---	0.200	ug/L	1	07/27/16 17:19	EPA 200.8	DW-D
<b>HAR 14 (A6F0738-14) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	401	---	0.200	ug/L	1	07/27/16 17:21	EPA 200.8	DW-D
<b>HAR 15 (A6F0738-15) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	226	---	0.200	ug/L	1	07/27/16 17:23	EPA 200.8	DW-D
<b>HAR 16 (A6F0738-16) Matrix: Drinking Water</b>								
Batch: 6070184								
Lead	ND	---	0.200	ug/L	1	07/08/16 13:39	EPA 200.8	
<b>HAR 17 (A6F0738-17) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	ND	---	0.200	ug/L	1	07/08/16 13:50	EPA 200.8	
<b>HAR 18 (A6F0738-18) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	4.57	---	0.200	ug/L	1	07/08/16 13:51	EPA 200.8	
<b>HAR 19 (A6F0738-19) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	2.58	---	0.200	ug/L	1	07/08/16 13:53	EPA 200.8	
<b>HAR 20 (A6F0738-20) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	299	---	0.200	ug/L	1	07/27/16 17:25	EPA 200.8	DW-D
<b>HAR 21 (A6F0738-21) Matrix: Drinking Water</b>								
Batch: 6070793								
Lead	49.9	---	0.200	ug/L	1	07/27/16 17:27	EPA 200.8	DW-D
<b>HAR 22 (A6F0738-22) Matrix: Drinking Water</b>								
Batch: 6070829								
Lead	90.6	---	0.200	ug/L	1	07/29/16 01:37	EPA 200.8	DW-D
<b>HAR 23 (A6F0738-23) Matrix: Drinking Water</b>								

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 Project Manager: Rich Dufresne

Reported:  
 08/03/16 20:29

## ANALYTICAL SAMPLE RESULTS

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
<b>HAR 23 (A6F0738-23) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	282	---	0.200	ug/L	1	07/08/16 13:55	EPA 200.8	
<b>HAR 24 (A6F0738-24) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	0.333	---	0.200	ug/L	1	07/08/16 14:18	EPA 200.8	
<b>HAR 25 (A6F0738-25) Matrix: Drinking Water</b>								
Batch: 6070829								
Lead	42.3	---	0.200	ug/L	1	07/29/16 01:39	EPA 200.8	DW-D
<b>HAR 26 (A6F0738-26) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	73.8	---	0.200	ug/L	1	07/08/16 14:00	EPA 200.8	
<b>HAR 27 (A6F0738-27) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	29.1	---	0.200	ug/L	1	07/08/16 14:01	EPA 200.8	
<b>HAR 28 (A6F0738-28) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	1.84	---	0.200	ug/L	1	07/08/16 14:02	EPA 200.8	
<b>HAR 29 (A6F0738-29) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	19.5	---	0.200	ug/L	1	07/08/16 14:07	EPA 200.8	
<b>HAR 30 (A6F0738-30) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	206	---	0.200	ug/L	1	07/08/16 14:08	EPA 200.8	
<b>HAR 31 (A6F0738-31) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	4.16	---	0.200	ug/L	1	07/08/16 14:20	EPA 200.8	
<b>HAR 32 (A6F0738-32) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	ND	---	0.200	ug/L	1	07/08/16 14:21	EPA 200.8	
<b>HAR 33 (A6F0738-33) Matrix: Drinking Water</b>								
Batch: 6070186								
Lead	34.5	---	0.200	ug/L	1	07/08/16 14:23	EPA 200.8	
<b>HAR 34 (A6F0738-34) Matrix: Drinking Water</b>								

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 Project Manager: Rich Dufresne

**Reported:**  
 08/03/16 20:29

## ANALYTICAL SAMPLE RESULTS

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
<b>HAR 34 (A6F0738-34)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070186								
<b>Lead</b>	<b>335</b>	---	0.200	ug/L	1	07/08/16 14:24	EPA 200.8	
<b>HAR 35 (A6F0738-35)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070186								
<b>Lead</b>	<b>16.5</b>	---	0.200	ug/L	1	07/08/16 14:25	EPA 200.8	
<b>HAR 36 (A6F0738-36)</b>			<b>Matrix: Drinking Water</b>					
Batch: 6070186								
<b>Lead</b>	<b>0.433</b>	---	0.200	ug/L	1	07/08/16 14:30	EPA 200.8	



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**Reported:**  
08/03/16 20:29

## 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 6070184 - Matrix Matched Direct Inject</b>						<b>Drinking Water</b>						
<b>Blank (6070184-BLK1)</b>						Prepared: 07/07/16 16:46 Analyzed: 07/08/16 13:00						
<b>EPA 200.8</b>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
<b>LCS (6070184-BS1)</b>						Prepared: 07/07/16 16:46 Analyzed: 07/08/16 13:01						
<b>EPA 200.8</b>												
Lead	17.2	---	0.200	ug/L	1	16.7	---	103	85-115%	---	---	
<b>Matrix Spike (6070184-MS2)</b>						Prepared: 07/07/16 16:46 Analyzed: 07/08/16 13:41						
<b>QC Source Sample: HAR 16 (A6F0738-16)</b>												
<b>EPA 200.8</b>												
Lead	17.1	---	0.200	ug/L	1	16.7	ND	103	70-130%	---	---	
<b>Batch 6070186 - Matrix Matched Direct Inject</b>						<b>Drinking Water</b>						
<b>Blank (6070186-BLK1)</b>						Prepared: 07/07/16 16:57 Analyzed: 07/08/16 13:44						
<b>EPA 200.8</b>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
<b>LCS (6070186-BS1)</b>						Prepared: 07/07/16 16:57 Analyzed: 07/08/16 13:45						
<b>EPA 200.8</b>												
Lead	17.8	---	0.200	ug/L	1	16.7	---	107	85-115%	---	---	
<b>Duplicate (6070186-DUP1)</b>						Prepared: 07/07/16 16:57 Analyzed: 07/08/16 13:54						
<b>QC Source Sample: HAR 19 (A6F0738-19)</b>												
<b>EPA 200.8</b>												
Lead	3.06	---	0.200	ug/L	1	---	2.58	---	---	17	20%	
<b>Matrix Spike (6070186-MS1)</b>						Prepared: 07/07/16 16:57 Analyzed: 07/08/16 13:57						
<b>QC Source Sample: HAR 23 (A6F0738-23)</b>												
<b>EPA 200.8</b>												
Lead	293	---	0.200	ug/L	1	16.7	282	66	70-130%	---	---	Q-03

Apex Laboratories



Lisa Domenighini, Client Services Manager

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 Project Manager: Rich Dufresne

**Reported:**  
 08/03/16 20:29

## 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 6070793 - EPA 3015A</b>						<b>Drinking Water</b>						
<b>Blank (6070793-BLK1)</b>						Prepared: 07/26/16 15:06 Analyzed: 07/26/16 20:15						
<b>EPA 200.8</b>												
Lead	ND	---	0.500	ug/L	1	---	---	---	---	---	---	---
<b>LCS (6070793-BS1)</b>						Prepared: 07/26/16 15:06 Analyzed: 07/26/16 20:17						
<b>EPA 200.8</b>												
Lead	16.0	---	0.500	ug/L	1	16.7	---	96	85-115%	---	---	---
<b>Matrix Spike (6070793-MS2)</b>						Prepared: 07/26/16 15:06 Analyzed: 07/27/16 17:29						
<b>QC Source Sample: HAR 21 (A6F0738-21)</b>												
<b>EPA 200.8</b>												
Lead	66.3	---	0.200	ug/L	1	16.7	49.9	99	70-130%	---	---	---



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

Project: **Reynolds School-Hartley**  
 Project Number: Reynolds SD #7 / PR23514.0  
 Project Manager: Rich Dufresne

**Reported:**  
 08/03/16 20:29

## 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 6070829 - EPA 3015A</b>						<b>Drinking Water</b>						
<b>Blank (6070829-BLK1)</b>						Prepared: 07/27/16 12:07 Analyzed: 07/29/16 01:33						
<b>EPA 200.8</b>												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
<b>LCS (6070829-BS2)</b>						Prepared: 07/27/16 12:07 Analyzed: 08/02/16 18:21						
<b>EPA 200.8</b>												
Lead	16.9	---	0.200	ug/L	1	16.7	---	101	85-115%	---	---	Q-16

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Lisa Domenighini, Client Services Manager



**PBS Engineering and Environmental**

4412 SW Corbett Ave  
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Project Number: Reynolds SD #7 / PR23514.0  
 Project Manager: Rich Dufresne

Reported:  
 08/03/16 20:29

**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: 6070793</b>							
A6F0738-04	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-05	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-06RE1	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-07	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-09	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-10	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-11	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-12	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-13	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-14	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-15	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-20	Drinking Wa	EPA 200.8	06/15/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00
A6F0738-21	Drinking Wa	EPA 200.8	06/14/16 00:00	07/26/16 15:06	45mL/50mL	45mL/50mL	1.00

**Batch: 6070829**

A6F0738-22	Drinking Wa	EPA 200.8	06/14/16 00:00	07/27/16 12:07	45mL/50mL	45mL/50mL	1.00
A6F0738-25	Drinking Wa	EPA 200.8	06/14/16 00:00	07/27/16 12:07	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: 6070184</b>							
A6F0738-01	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:46	45mL/50mL	45mL/50mL	1.00
A6F0738-02	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:46	45mL/50mL	45mL/50mL	1.00
A6F0738-03	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:46	45mL/50mL	45mL/50mL	1.00
A6F0738-08	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:46	45mL/50mL	45mL/50mL	1.00
A6F0738-16	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:46	45mL/50mL	45mL/50mL	1.00

**Batch: 6070186**

A6F0738-17	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-18	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-19	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-23	Drinking Wa	EPA 200.8	06/14/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-24	Drinking Wa	EPA 200.8	06/14/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-26	Drinking Wa	EPA 200.8	06/14/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-27	Drinking Wa	EPA 200.8	06/14/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-28	Drinking Wa	EPA 200.8	06/14/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00

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**PBS Engineering and Environmental**

4412 SW Corbett Ave  
 Portland, OR 97239

Project: **Reynolds School-Hartley**

Project Number: Reynolds SD #7 / PR23514.0  
 Project Manager: Rich Dufresne

Reported:  
 08/03/16 20:29

**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
A6F0738-29	Drinking Wa	EPA 200.8	06/14/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-30	Drinking Wa	EPA 200.8	06/14/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-31	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-32	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-33	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-34	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-35	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:57	45mL/50mL	45mL/50mL	1.00
A6F0738-36	Drinking Wa	EPA 200.8	06/15/16 00:00	07/07/16 16:57	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-Hartley**

Project Number: Reynolds SD #7 / PR23514.0  
Project Manager: Rich Dufresne

Reported:  
08/03/16 20:29

## Notes and Definitions

### Qualifiers:

- DW-D Turbidity greater than 1 NTU. Sample was digested per EPA Method 200.8.
- Q-03 Spike recovery and/or RPD is outside control limits due to the high concentration of analyte present in the sample.
- Q-16 Reanalysis of an original Batch QC sample.

### 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).

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Lisa Domenighini, Client Services Manager

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

Project: **Reynolds School-Hartley**  
 Project Number: Reynolds SD #7 / PR23514.0  
 Project Manager: Rich Dufresne

Reported:  
 08/03/16 20:29

**CHAIN OF CUSTODY**

Lab # AF-0738 coc 1 of 1

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

Project Mgr: Diane Spangler Project Name: Reynolds SD #7 Project #/PO# PR23514.022

4412 SW Corbett Ave, Portland, OR 97239 Phone: (503) 248-1939 Fax: aglover@rsd7.net

Sampled by: Diane Spangler Email: aglover@rsd7.net

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	Zoo & Lead
HAR-01		6/15/2012	DW			
02		2/24/16				
03		2/24/16				
04		2/25/16				
05		2/25/16				
06		2/25/16				
07		2/25/16				
08		0002				
09		0004				
10		0011				

SPECIAL INSTRUCTIONS:

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:	RECEIVED BY:
Signature: <u>[Signature]</u> Date: <u>06-21-16</u>	Signature: <u>[Signature]</u> Date: <u>6/21/16</u>
Printed Name: <u>Lisa Domenighini</u> Time: <u>10:00</u>	Printed Name: <u>[Name]</u> Time: <u>10:10</u>
Company: <u>EPB</u>	Company: <u>APEX</u>

Apex Laboratories

*Lisa Domenighini*

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

Project: **Reynolds School-Hartley**  
 Project Number: Reynolds SD #7 / PR23514.0  
 Project Manager: Rich Dufresne

Reported:  
 08/03/16 20:29

**CHAIN OF CUSTODY**

Company: **PBS**      Project Mgr: **Diane Spangler**      Project Name: **Reynolds SD #7**      Project #/PO# **PR23514.022**  
 12232 S.W. Garden Place, Tigard, OR 97223      Ph: 503-718-2323      Fax: 503-718-0333      Phone: (503) 248-1939      Email: **adlover@psd7.net**  
 4412 SW Corbett Ave, Portland, OR 97239      Sampled by: **Diane Spangler**      Lab # **46735**      COC **2-01**

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	200g Lead	SPECIAL INSTRUCTIONS:								
							RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:					
11		10/15	0811	DW	1										
12		0816	0816		1										
13		0820	0820		1										
14		0820	0820		1										
15		0820	0820		1										
16		0821	0821		1										
17		0821	0821		1										
18		0821	0821		1										
19		0821	0821		1										
20		0821	0821		1										

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: <i>[Signature]</i> Printed Name: <b>LAM Spangler</b> Company: <b>PBS</b>	Date: <b>08-2-16</b> Time: <b>10:10</b>	RELINQUISHED BY: Signature: <i>[Signature]</i> Printed Name: <b>Rich Dufresne</b> Company: <b>APEX</b>	Date: <b>08/2/16</b> Time: <b>10:16</b>
---	--	---	--

*Lisa Domenighini*

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

Project: **Reynolds School-Hartley**  
 Project Number: Reynolds SD #7 / PR23514.0  
 Project Manager: Rich Dufresne

Reported:  
 08/03/16 20:29

**CHAIN OF CUSTODY**

Company: **PBS**      Project Mgr.: **Larry Spangler**      Lab # **APED 158**      COC **2** of **---**

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

Project Name: **Reynolds SD #7**      Project #/PO# **PR23514.022**  
 Phone: (503) 248-1939      Fax:      Email: **aglover@psd7.net**

Company: **PBS**      Project Mgr.: **Larry Spangler**      Sampled by: **Larry Spangler**

4412 SW Corbett Ave, Portland, OR 97239

LAB ID #      DATE      TIME      MATRIX      # OF CONTAINERS      200.8 Lead

11ar	21	6/14	2341	AW	1	
	22		2342			
	23		2343			
	24		2344			
	25		2350			
	26		2360			
	27		0010			
	28		0014			
	29		0015			
	30		0018			

Normal Turn Around Time (TAT) 10 Business Days

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

SPECIAL INSTRUCTIONS:

RELINQUISHED BY: \_\_\_\_\_      RECEIVED BY: \_\_\_\_\_  
 Signature: \_\_\_\_\_      Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_      Date: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_      Printed Name: \_\_\_\_\_  
 Company: \_\_\_\_\_      Company: \_\_\_\_\_

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: \_\_\_\_\_      RECEIVED BY: \_\_\_\_\_  
 Signature: \_\_\_\_\_      Signature: \_\_\_\_\_  
 Date: 06/21/16      Date: \_\_\_\_\_  
 Printed Name: Larry Spangler      Printed Name: Abelle  
 Time: 19:00      Time: 10:10  
 Company: PBS Engineering and Environmental      Company: APEX

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

Project: **Reynolds School-Hartley**  
 Project Number: Reynolds SD #7 / PR23514.0  
 Project Manager: Rich Dufresne

Reported:  
 08/03/16 20:29

**CHAIN OF CUSTODY**

Lab # AGF0135 coc # 4 of \_\_\_\_\_

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

Project Mgr: \_\_\_\_\_

Project Name: Reynolds SD #7 Project #/PO# PR23514.022

Phone: (503) 248-1939 Fax: \_\_\_\_\_ Email: adufresne@rsd7.net

Sampled by: Larry Spangler

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	200.8 Lead	SPECIAL INSTRUCTIONS:				
							1 DAY	2 DAY	3 DAY	4 DAY	5 DAY
<u>Hav 31</u>		<u>6/15</u>	<u>0823</u>	<u>DW</u>	<u>1</u>						
<u>32</u>		<u>6/25</u>									
<u>33</u>		<u>6/24</u>									
<u>34</u>		<u>6/22</u>									
<u>35</u>		<u>6/23</u>									
<u>36</u>		<u>6/20</u>									

Normal Turn Around Time (TAT) 10 Business Days

TAT Requested (circle) \_\_\_\_\_

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_ Printed Name: \_\_\_\_\_ Company: \_\_\_\_\_

RECEIVED BY: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_ Printed Name: \_\_\_\_\_ Company: \_\_\_\_\_

