



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

Troutdale First Round Water Testing June 2016

Sample ID	RESULT	ug/L
TDL01	PASS	
TDL02	FAIL	51.6 ug/L
TDL03	FAIL	27.4 ug/L
TDL04	FAIL	45.9 ug/L
TDL05	PASS	
TDL06	FAIL	67.0 ug/L
TDL07	FAIL	30.3 ug/L
TDL08	PASS	
TDL09	FAIL	80.8 ug/L
TDL10	PASS	
TDL11	PASS	
TDL12	PASS	
TDL13	PASS	
TDL14	PASS	
TDL15	PASS	



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Sample ID	RESULT	ug/L
TDL16	PASS	
TDL17	PASS	
TDL18	FAIL	26.7 ug/L
TDL19	PASS	
TDL20	FAIL	45.1 ug/L
TDL21	PASS	
TDL22	PASS	
TDL23	PASS	
TDL24	PASS	
TDL25	PASS	
TDL26	PASS	
TDL27	PASS	
TDL28	FAIL	30.7 ug/L
TDL29	PASS	
TDL30	PASS	



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Sample ID	RESULT	ug/L
TDL31	FAIL	30.7 ug/L
TDL32		
TDL33		
TDL34		
TDL35		
TDL36		
TDL37		
TDL38		
TDL39		
TDL40		
TDL41		
TDL42		
TDL43		
TDL44		
TDL45		

BOTTLES NOT USED



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Troutdale Water Testing June 2016

Sampled By: Diane Spander 06/17/16

Sample ID	Location (Classroom# or Faucet Loc.)	Date
TDL01	upstairs Hall Drinking fountain Across From Rm #112	6/16/16 23:45
TDL02	North Storage Room off of Room 112 Drinking Fountain	6/16/16 23:53
TDL03	Room # 109 work workroom sink	6/16/16 23:55
TDL04	Room # 115 Drinking Fountain	6/17/16 00:01
TDL05	Room # 117 Drinking fountain	6/17/16 00:03
TDL06	Room # 116 Drinking Fountain	6/17/16 00:06
TDL07	Room # 119 Drinking fountain	6/17/16 00:09
TDL08	Room # 118 Drinking fountain	6/17/16 00:11
TDL09	Room # 121 Drinking fountain	6/17/16 00:14
TDL10	Room # 120 Drinking fountain	6/17/16 00:16
TDL11	Room # B-7 Drinking fountain	6/17/16 00:21
TDL12	Room # B-2 Drinking fountain	6/17/16 00:27
TDL13	Room # B-3 Drinking fountain	6/17/16 00:28
TDL14		
TDL15		

Troutdale Water Testing June 2016

Sampled By: Lawrence Stangle

Sample ID	Location (Classroom# or Faucet Loc.)		Date
TDL16	Water fountain by office in hall - Tall	2345	6/16/16
TDL17	" " " - short	2348	"
TDL18	106 Sink fountain	2347	"
TDL19	Gym fountains - Tall	2350	"
TDL20	" " - short	2353	"
TDL21	Portable - Ms. Burghold class - sink fountain	0000	6/16 6/17
TDL22	Tall - Cafe fountain	0007	6/17
TDL23	Short - " "	0008	6/17
TDL24	Kitchen - double deep sink faucet	0012	"
TDL25	" - Dish washer ring sink	0013	"
TDL26	Teachers lounge - sink	0017	"
TDL27	" " - WL100 dispenser	0018	"
TDL28	Rm B-5 - Sink fountain	0020	"
TDL29	- B-4 - " "	0022	"
TDL30	Basement hall by rest rooms - fountain	0024	"

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Troutdale Water Testing June 2016

Sampled By: Laurence Stork

Sample ID	Location (Classroom# or Faucet Loc.)	Date
TDL31	Rm B-6 Sink fountain	0029 6/17/16
TDL32		
TDL33		
TDL34		
TDL35		
TDL36		
TDL37		
TDL38		
TDL39		
TDL40		
TDL41		
TDL42		
TDL43		
TDL44		
TDL45		

Apex Labs

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

Friday, July 8, 2016

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

RE: Reynolds School-Troutdale / Reynolds SD #7 / PR23514.(

Enclosed are the results of analyses for work order A6F0742, 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, or by phone at 503-718-2323.

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-Troutdale**

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

Reported:
 07/08/16 15:44

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TDL 01	A6F0742-01	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 02	A6F0742-02	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 03	A6F0742-03	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 04	A6F0742-04	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 05	A6F0742-05	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 06	A6F0742-06	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 07	A6F0742-07	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 08	A6F0742-08	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 09	A6F0742-09	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 10	A6F0742-10	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 11	A6F0742-11	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 12	A6F0742-12	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 13	A6F0742-13	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 16	A6F0742-14	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 17	A6F0742-15	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 18	A6F0742-16	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 19	A6F0742-17	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 20	A6F0742-18	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 21	A6F0742-19	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 22	A6F0742-20	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 23	A6F0742-21	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 24	A6F0742-22	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 25	A6F0742-23	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 26	A6F0742-24	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 27	A6F0742-25	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 28	A6F0742-26	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 29	A6F0742-27	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 30	A6F0742-28	Drinking Water	06/17/16 00:00	06/21/16 10:10
TDL 31	A6F0742-29	Drinking Water	06/17/16 00:00	06/21/16 10:10

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 Project Manager: Rich Dufresne

Reported:
 07/08/16 15:44

ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting		Dilution	Date Analyzed	Method	Notes
			Limit	Units				
TDL 01 (A6F0742-01)			Matrix: Drinking Water					
Batch: 6060871								
Lead	5.57	---	0.200	ug/L	1	06/30/16 14:32	EPA 200.8	
TDL 02 (A6F0742-02)			Matrix: Drinking Water					
Batch: 6070121								
Lead	51.6	---	0.200	ug/L	1	07/06/16 16:24	EPA 200.8	
TDL 03 (A6F0742-03)			Matrix: Drinking Water					
Batch: 6070121								
Lead	27.4	---	0.200	ug/L	1	07/06/16 16:26	EPA 200.8	
TDL 04 (A6F0742-04)			Matrix: Drinking Water					
Batch: 6070121								
Lead	45.9	---	0.200	ug/L	1	07/06/16 17:50	EPA 200.8	
TDL 05 (A6F0742-05)			Matrix: Drinking Water					
Batch: 6070121								
Lead	10.3	---	0.200	ug/L	1	07/06/16 17:55	EPA 200.8	
TDL 06 (A6F0742-06)			Matrix: Drinking Water					
Batch: 6070121								
Lead	67.0	---	0.200	ug/L	1	07/06/16 17:59	EPA 200.8	
TDL 07 (A6F0742-07)			Matrix: Drinking Water					
Batch: 6070121								
Lead	30.3	---	0.200	ug/L	1	07/06/16 18:01	EPA 200.8	
TDL 08 (A6F0742-08)			Matrix: Drinking Water					
Batch: 6070121								
Lead	0.941	---	0.200	ug/L	1	07/06/16 18:03	EPA 200.8	
TDL 09 (A6F0742-09)			Matrix: Drinking Water					
Batch: 6070121								
Lead	80.8	---	0.200	ug/L	1	07/06/16 18:05	EPA 200.8	
TDL 10 (A6F0742-10)			Matrix: Drinking Water					
Batch: 6070121								
Lead	8.78	---	0.200	ug/L	1	07/06/16 18:07	EPA 200.8	
TDL 11 (A6F0742-11)			Matrix: Drinking Water					
Batch: 6070121								
Lead	9.39	---	0.200	ug/L	1	07/06/16 18:13	EPA 200.8	
TDL 12 (A6F0742-12)			Matrix: Drinking Water					

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

Reported:
07/08/16 15:44

ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting		Dilution	Date Analyzed	Method	Notes
			Limit	Units				
TDL 12 (A6F0742-12)			Matrix: Drinking Water					
Batch: 6070121								
Lead	4.10	---	0.200	ug/L	1	07/06/16 18:15	EPA 200.8	
TDL 13 (A6F0742-13)			Matrix: Drinking Water					
Batch: 6070121								
Lead	3.16	---	0.200	ug/L	1	07/06/16 18:17	EPA 200.8	
TDL 16 (A6F0742-14)			Matrix: Drinking Water					
Batch: 6070121								
Lead	0.344	---	0.200	ug/L	1	07/06/16 18:19	EPA 200.8	
TDL 17 (A6F0742-15)			Matrix: Drinking Water					
Batch: 6070121								
Lead	0.367	---	0.200	ug/L	1	07/06/16 18:21	EPA 200.8	
TDL 18 (A6F0742-16)			Matrix: Drinking Water					
Batch: 6070121								
Lead	26.7	---	0.200	ug/L	1	07/06/16 18:23	EPA 200.8	
TDL 19 (A6F0742-17)			Matrix: Drinking Water					
Batch: 6070121								
Lead	18.9	---	0.200	ug/L	1	07/06/16 18:26	EPA 200.8	
TDL 20 (A6F0742-18)			Matrix: Drinking Water					
Batch: 6070121								
Lead	45.1	---	0.200	ug/L	1	07/06/16 18:28	EPA 200.8	
TDL 21 (A6F0742-19)			Matrix: Drinking Water					
Batch: 6070121								
Lead	1.27	---	0.200	ug/L	1	07/06/16 18:30	EPA 200.8	
TDL 22 (A6F0742-20)			Matrix: Drinking Water					
Batch: 6070121								
Lead	ND	---	0.200	ug/L	1	07/06/16 18:32	EPA 200.8	
TDL 23 (A6F0742-21)			Matrix: Drinking Water					
Batch: 6070121								
Lead	ND	---	0.200	ug/L	1	07/06/16 18:38	EPA 200.8	
TDL 24 (A6F0742-22)			Matrix: Drinking Water					
Batch: 6070123								
Lead	4.74	---	0.200	ug/L	1	07/06/16 17:31	EPA 200.8	
TDL 25 (A6F0742-23)			Matrix: Drinking Water					

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Reported:
 07/08/16 15:44

ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

Analyte	Result	MDL	Reporting		Dilution	Date Analyzed	Method	Notes
			Limit	Units				
TDL 25 (A6F0742-23)			Matrix: Drinking Water					
Batch: 6070123								
Lead	0.344	---	0.200	ug/L	1	07/06/16 17:33	EPA 200.8	
TDL 26 (A6F0742-24)			Matrix: Drinking Water					
Batch: 6070123								
Lead	5.02	---	0.200	ug/L	1	07/06/16 17:34	EPA 200.8	
TDL 27 (A6F0742-25)			Matrix: Drinking Water					
Batch: 6070123								
Lead	ND	---	0.200	ug/L	1	07/06/16 17:37	EPA 200.8	
TDL 28 (A6F0742-26)			Matrix: Drinking Water					
Batch: 6070123								
Lead	30.7	---	0.200	ug/L	1	07/06/16 17:44	EPA 200.8	
TDL 29 (A6F0742-27)			Matrix: Drinking Water					
Batch: 6070123								
Lead	17.6	---	0.200	ug/L	1	07/06/16 17:45	EPA 200.8	
TDL 30 (A6F0742-28)			Matrix: Drinking Water					
Batch: 6070123								
Lead	5.27	---	0.200	ug/L	1	07/06/16 17:47	EPA 200.8	
TDL 31 (A6F0742-29)			Matrix: Drinking Water					
Batch: 6070123								
Lead	22.4	---	0.200	ug/L	1	07/06/16 17:48	EPA 200.8	

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Reported:
07/08/16 15:44

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
Batch 6060871 - Matrix Matched Direct Inject						Drinking Water						
Blank (6060871-BLK1)						Prepared: 06/29/16 12:13 Analyzed: 06/30/16 13:53						
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (6060871-BS1)						Prepared: 06/29/16 12:13 Analyzed: 06/30/16 13:54						
EPA 200.8												
Lead	17.2	---	0.200	ug/L	1	16.7	---	103	85-115%	---	---	---
Matrix Spike (6060871-MS2)						Prepared: 06/29/16 12:13 Analyzed: 06/30/16 14:33						
QC Source Sample: TDL 01 (A6F0742-01)												
EPA 200.8												
Lead	21.7	---	0.200	ug/L	1	16.7	5.57	97	70-130%	---	---	---
Batch 6070121 - Matrix Matched Direct Inject						Drinking Water						
Blank (6070121-BLK1)						Prepared: 07/06/16 12:04 Analyzed: 07/06/16 16:20						
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (6070121-BS1)						Prepared: 07/06/16 12:04 Analyzed: 07/06/16 16:22						
EPA 200.8												
Lead	16.6	---	0.200	ug/L	1	16.7	---	100	85-115%	---	---	---
Duplicate (6070121-DUP1)						Prepared: 07/06/16 12:04 Analyzed: 07/06/16 17:53						
QC Source Sample: TDL 04 (A6F0742-04)												
EPA 200.8												
Lead	46.2	---	0.200	ug/L	1	---	45.9	---	---	0.6	20%	---
Matrix Spike (6070121-MS1)						Prepared: 07/06/16 12:04 Analyzed: 07/06/16 17:57						
QC Source Sample: TDL 05 (A6F0742-05)												
EPA 200.8												
Lead	27.2	---	0.200	ug/L	1	16.7	10.3	101	70-130%	---	---	---
Matrix Spike (6070121-MS2)						Prepared: 07/06/16 12:04 Analyzed: 07/06/16 18:42						
QC Source Sample: TDL 23 (A6F0742-21)												
EPA 200.8												

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Lisa Domenighini, Client Services Manager

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 Project Manager: Rich Dufresne

Reported:
 07/08/16 15:44

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
Batch 6070121 - Matrix Matched Direct Inject						Drinking Water						
Matrix Spike (6070121-MS2)						Prepared: 07/06/16 12:04 Analyzed: 07/06/16 18:42						
QC Source Sample: TDL 23 (A6F0742-21)												
Lead	16.7	---	0.200	ug/L	1	16.7	0.117	100	70-130%	---	---	

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Reported:
07/08/16 15:44

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
Batch 6070123 - Matrix Matched Direct Inject						Drinking Water						
Blank (6070123-BLK1)						Prepared: 07/06/16 12:55 Analyzed: 07/06/16 17:28						
EPA 200.8												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
LCS (6070123-BS1)						Prepared: 07/06/16 12:55 Analyzed: 07/06/16 17:29						
EPA 200.8												
Lead	15.0	---	0.200	ug/L	1	16.7	---	90	85-115%	---	---	---
Duplicate (6070123-DUP1)						Prepared: 07/06/16 12:55 Analyzed: 07/06/16 17:36						
QC Source Sample: TDL 26 (A6F0742-24)												
EPA 200.8												
Lead	5.09	---	0.200	ug/L	1	---	5.02	---	---	1	20%	---
Matrix Spike (6070123-MS1)						Prepared: 07/06/16 12:55 Analyzed: 07/06/16 17:42						
QC Source Sample: TDL 27 (A6F0742-25)												
EPA 200.8												
Lead	13.6	---	0.200	ug/L	1	16.7	0.100	81	70-130%	---	---	---

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Project: **Reynolds School-Troutdale**

Project Number: Reynolds SD #7 / PR23514.0
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Reported:
 07/08/16 15:44

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
Batch: 6060871							
A6F0742-01	Drinking Wa	EPA 200.8	06/17/16 00:00	06/29/16 12:13	45mL/50mL	45mL/50mL	1.00
Batch: 6070121							
A6F0742-02	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-03	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-04	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-05	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-06	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-07	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-08	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-09	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-10	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-11	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-12	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-13	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-14	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-15	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-16	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-17	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-18	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-19	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-20	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
A6F0742-21	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:04	45mL/50mL	45mL/50mL	1.00
Batch: 6070123							
A6F0742-22	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:55	45mL/50mL	45mL/50mL	1.00
A6F0742-23	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:55	45mL/50mL	45mL/50mL	1.00
A6F0742-24	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:55	45mL/50mL	45mL/50mL	1.00
A6F0742-25	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:55	45mL/50mL	45mL/50mL	1.00
A6F0742-26	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:55	45mL/50mL	45mL/50mL	1.00
A6F0742-27	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:55	45mL/50mL	45mL/50mL	1.00
A6F0742-28	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:55	45mL/50mL	45mL/50mL	1.00
A6F0742-29	Drinking Wa	EPA 200.8	06/17/16 00:00	07/06/16 12:55	45mL/50mL	45mL/50mL	1.00

Apex Laboratories



Lisa Domenighini, Client Services Manager

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PBS Engineering and Environmental

4412 SW Corbett Ave
Portland, OR 97239

Project: **Reynolds School-Troutdale**

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

Reported:
07/08/16 15:44

Notes and Definitions

Qualifiers:

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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Project: **Reynolds School-Troutdale**
Project Number: Reynolds SD #7 / PR23514.0
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Reported:
07/08/16 15:44

CHAIN OF CUSTODY

APEX LABS

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

Company: PBS		Project Mgr:		Project Name: Reynolds SD #7		Project #/PO# PR23514.022	
4412 SW Corbett Ave, Portland, OR 97239		Phone: (503) 248-1939		Fax:		Email: aglover@rsd7.net	
Sampled by: Diane Spangle							
ANALYSIS REQUEST							
SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	200.8 Lead	
T0101		9/17	2345	DW	1		
02		1253			1		
03		1255			1		
04		0001			1		
05		0003			1		
06		0006			1		
07		0009			1		
08		0011			1		
09		0014			1		
10		0014			1		
Normal Turn Around Time (TAT) 10 Business Days							
SPECIAL INSTRUCTIONS:							
TAT Requested (circle)				SPECIAL INSTRUCTIONS:			
1 DAY		2 DAY		3 DAY			
4 DAY		5 DAY		Other:			
SAMPLES ARE HELD FOR 30 DAYS							
RELINQUISHED BY:		RECEIVED BY:		RELINQUISHED BY:		RECEIVED BY:	
Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		Signature:		Signature:	
Date: 08/24/16		Date: 08/24/16		Date:		Date:	
Printed Name: <i>[Name]</i>		Printed Name: <i>[Name]</i>		Printed Name:		Printed Name:	
Time: 10:00		Time: 10:10		Time:		Time:	
Company: ESS		Company: APEX		Company:		Company:	

Apex Laboratories

Lisa Domenighini

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

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

Reported:
 07/08/16 15:44

CHAIN OF CUSTODY

Company: **PBS** 12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333
 4412 SW Corbett Ave, Portland, OR 97239

Lab # AP07142 COC # 2 of 1

Project Name: Reynolds SD #7 Project #/PO#: PR23514.022
 Phone: (503) 248-1939 Fax: 503-718-0333 Email: apex@rsd7.net

Sampled by: Diane Spangler

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	ZOO'S LEAD
<u>TDC 11</u>		<u>06/17/09</u>	<u>0928</u>	<u>DW</u>	<u>1</u>	
<u>12</u>		<u>06/27</u>			<u>1</u>	
<u>13</u>		<u>06/28</u>			<u>1</u>	

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: Signature: _____ Printed Name: <u>Rich Dufresne</u> Company: <u>PBS Engineering and Environmental</u>	RECEIVED BY: Signature: _____ Printed Name: <u>Rich Dufresne</u> Company: <u>APEX</u>
Date: <u>06/21/16</u> Time: <u>10:00</u>	Date: _____ Time: _____

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

Reported:
07/08/16 15:44

CHAIN OF CUSTODY

Company: **PBS** Project Mgr: **Reynolds SD #7** Project #/PO# **PR23514.022**
 4412 SW Corbett Ave, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333 Email: **alvarez@rsd7.net**
 Lab # **ALF0142** COC **3** of **2**

Sampled by: **Larry Spangler** Phone: (503) 248-1939 Fax:

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	200.8 Lead
TR-110		6/17	2345	DW	1	
17			2345			
18			2347			
19			2340			
20			2359			
21			0000			
22			0007			
23			0008			
24			0012			
25			0013			

Normal Turn Around Time (TAT) 10 Business Days

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

SPECIAL INSTRUCTIONS:

RECEIVED BY: Signature: _____ Date: _____ Time: _____

RELINQUISHED BY: Signature: _____ Date: _____ Time: _____

Signature: _____ Date: 06/21/16 Time: 14:06

Printed Name: **Larry Spangler** Time: 10:10

Company: **ES** Company: **APEX**

Company: **PBS Engineering and Environmental**

Apex Laboratories



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

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

Reported:
 07/08/16 15:44

CHAIN OF CUSTODY

Lab # ALP0742 coc # 4

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

Project Mgr: Reynolds, S. #7 Project Name: Reynolds SD #7 Project #/PO# PR23514.022
 4412 SW Corbett Ave, Portland, OR 97239 Phone: (503) 248-1939 Fax: no longer used Email: no longer used

Sampled by: Larry Spangle

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	200's Lead	ANALYSIS REQUEST														
<u>TD-20</u>		<u>6/17/06</u>	<u>17</u>	<u>DW</u>	<u>1</u>																
<u>27</u>		<u>06/16</u>																			
<u>28</u>		<u>06/16</u>																			
<u>29</u>		<u>06/16</u>																			
<u>30</u>		<u>06/16</u>																			
<u>31</u>		<u>06/16</u>																			

Normal Turn Around Time (TAT) 10 Business Days

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

SPECIAL INSTRUCTIONS:

RECEIVED BY: Signature: _____ Date: _____
 Signature: _____ Date: _____
 Printed Name: _____ Time: _____
 Company: _____

RELINQUISHED BY: Signature: _____ Date: _____
 Signature: _____ Date: _____
 Printed Name: _____ Time: _____
 Company: _____

RECEIVED BY: Signature: _____ Date: _____
 Signature: _____ Date: _____
 Printed Name: _____ Time: _____
 Company: _____

Lisa Domenighini