

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

Walt Morey Middle First Round Water Testing June 2016

Sample ID	RESULT	ug/L
WMMS01	PASS	
WMMS02		
WMMS03		
WMMS04		
WMMS05		20
WMMS06	_ 119	SED
WMMS07	20TTLES NOT US	
WMMS08	ESIVO	
WMMS09	2011	
WMMS10	301	
WMMS11		
WMMS12		
WMMS13		
WMMS14		
WMMS15		



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

Walt Morey Middle First Round Water Testing June 2016

Sample ID	RESULT	ug/L
WMMS16	PASS	
WMMS17	FAIL	21.5 ug/L
WMMS18	FAIL	20.8 ug/L
WMMS19	FAIL	30.4 ug/L
WMMS20	ESTED BUT NOT POTABLE - RESULTS DEEMED UNECESSAR	155 UG/L
WMMS21	PASS	
WMMS22	PASS	
WMMS23	PASS	
WMMS24	FAIL	76.3 ug/L
WMMS25	PASS	
WMMS26	PASS	
WMMS27	PASS	
WMMS28	PASS	
WMMS29	PASS	
WMMS30	PASS	



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

Walt Morey Middle First Round Water Testing June 2016

Sample ID	RESULT	ug/L
WMMS31	PASS	
WMMS32	PASS	
WMMS33	PASS	
WMMS34	FAIL	38.9 ug/L
WMMS35	PASS	
WMMS36	PASS	
WMMS37	PASS	
WMMS38	PASS	
WMMS39	PASS	
WMMS40	PASS	
WMMS41	FAIL	35.7 ug/L
WMMS42	PASS	
WMMS43	PASS	
WMMS44	PASS	
WMMS45	PASS	



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

Reynolds Middle Water Testing June 2016

Sampled By: Diane Spanger 06/17/16

Sample ID	Location (Classroom# or Faucet Loc.)	Date	
RMS01	Library Workgoon SiNK Faucet (NOT Posted)	6/18/16 0233	
RMS02	DF 300 Hall Left Tall By Rm 306	6118/16 0237	
RMS03	Borrle Filler 300 Hall left Tall By Room 306	61816 0238	
RMS04	DF Right Short 300 Hall By Room 304	6/18/16 0239	
RMS05	Room Sol Sink Bubbler attachment	6/18/16 02244	
RMS06	Roung 802 Sink Faucer Attachment	6118116 0247	
RMS07	Room 803 Sink Facet North Wall	6/18/16 0249	
RMS08	Room 803 Sink Faucet East Wall	6/18/16 0250	
RMS09	Room 803 Sink Faucet South Island	6/18/14 0251	
RMS10	800 Hall D.F. Short left	6/18/16 0256	
RMS11	800 Hall Battle Filler Right	6118116	025
RMS12	800 Hall D.F. Tall Right	6/18/16 0258	
RMS13	Room 804 Island North Sink Fancet	6/18/16 0300	
RMS14	Room 804 East Sink fairet	6/18/16 0301	
RMS15	Room 804 South Sink Faucet	6/18/16 0302	



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

Reynolds Middle Water Testing June 2016

Sampled By: Laurance Spangle

Sample ID	Location (Classroom# or Faucet Loc.)	11 77 July	Date
RMS16	Office mail Ryn. Sink	0227	6/18/16
RMS17	Foundation across from Cale in hall - Short	0236	11
RMS18	11 a - Tall	0237	t _l
RMS19	Stall Junae Sink	0238	11
RMS20	Far Delot den sink-Kitchen	0242	1.81
RMS21	Middle leet 11 11 - 11	0243	13
RMS22	Right left in n - "	0244	1 (
RMS23	Pair of deep sinks on right -	10245	- 11
RMS24	Dish ofon deep sink	10246	1/
RMS25	Consession Sand Sol	10254	11
RMS26	Room 401 Sink	0301	(
RMS27	Hall Countain - & tall	6=3	0304 11
RMS28	11 a - Short	0304	lí
RMS29	Room 405 Sink Constain	0308	1,
RMS30	Rm-407 Pountain Sink	10312	i ₍

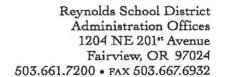


Reynolds School District Administration Offices 1204 NE 201st Avenue Fairview, OR 97024 503.661.7200 • FAX 503.667.6932

Reynolds Middle Water Testing June 2016

Sampled By: Lawrene Spingle

Sample ID	Location (Classroom# or Faucet Loc.)		Date
RMS31	412 Sink.	0323	6/18/16
RMS32	Rm 3 600 hall - Sint	0327	6/18/16
RMS33	South Gum hall - danking Courtain - tall	0334	11
RMS34	11 / 11 11 11 0 a - Short	0335	ĥ
RMS35	Bou's Locker Rin	0 338	М
RMS36	Band Cm. Sink Courtain	0352	if
RMS37	Hall by entrance - Anney	0403	И
RMS38	Nursery at Annex - Low Sink	0407	(1
RMS39	Changing table Sink-Dursen - west	0416	и
RMS40	Dursey parter sink	0410	17
RMS41	is dinemser	0411	ŧι
RMS42	Changing table - 5ink - East	0413	ø (
RMS43	Boy Chan Pool area - South - fountain	0429	17
RMS44	Concession Stand Stock	04385	<i>(</i> (
RMS45			





Sampled By: Diene Spangle 06/18/16 Reynolds Middle Water Tosting June 2014

Sample ID	Location (Classroom# or Faucet Loc.)	Date	9
Rms 646	RM 511 Island East faucet (Not Posted) science	6/18/16	0308
RMS 47	Room 511 North East Faucet (Not Posted) Science	6/18/16	0309
Rms 48	ROOM Sil North West Faucet (Not posted) Sience	Le118176	0310
Rms 49	Room 511 West wall North Fracet (Not Posted) Sience	6/18/16	03:11
RMS 50	Roam 511 West wall south fauret (Not Posted) science	6/18/16	0312
Rms 51	Room 50le D.F.	6/18/16	03:18
Rms 58.	500 Hall D.F by Bays Restroom (west)	6/18/14	03:21
Rms 53	500 Hall Bottle Filler By Boys Restroom (west)	6118116	03:22
Rms 54	500 Hall DF by Girls Bathroom (East	6/18/16	03124
Rms 55	500 Hall Bottle Filler by Girls Bathroom East	6/18/16	6325
pms 56	Room 507 Sink Faucet Left Sink	6/14/16	0328
Rms 57	Room 507 D.F. on Right Sink	10 18/16	0329
ems 54	Room 508 Sink faucet	10/18/16	0334
Rm5 59	600 Hall outside North Balcony Doors Drinkingforman	16/16/16	03:43
Rm5 60	(200 Hall outside North Balkony Doors Bottle Filler	16/18/16	03:44
7ms lel	Girls Lacker Room Drinking fountain	feliallo	63:53
Rms 6	2 N. Gym Boys Football Team Room	Leligille	03:59

DF = Drinking Fountain

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

Monday, July 4, 2016

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

RE: Reynolds School-W. Morey Middle School / Reynolds SD

Enclosed are the results of analyses for work order <u>A6F0743</u>, 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: ldomenighin@apex-labs.com, or by phone at 503-718-2323.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Grand Jamenighini

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

PBS Engineering and Environmental Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION										
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received						
WMMS 01	A6F0743-01	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 16	A6F0743-02	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 17	A6F0743-03	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 18	A6F0743-04	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 19	A6F0743-05	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 20	A6F0743-06	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 21	A6F0743-07	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 22	A6F0743-08	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 23	A6F0743-09	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 24	A6F0743-10	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 25	A6F0743-11	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 26	A6F0743-12	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 27	A6F0743-13	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 28	A6F0743-14	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 29	A6F0743-15	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 30	A6F0743-16	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 31	A6F0743-17	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 32	A6F0743-18	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 33	A6F0743-19	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 34	A6F0743-20	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 35	A6F0743-21	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 36	A6F0743-22	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 37	A6F0743-23	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 38	A6F0743-24	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 39	A6F0743-25	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 40	A6F0743-26	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 41	A6F0743-27	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 42	A6F0743-28	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 43	A6F0743-29	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 44	A6F0743-30	Drinking Water	06/16/16 00:00	06/21/16 10:10						
WMMS 45	A6F0743-31	Drinking Water	06/16/16 00:00	06/21/16 10:10						

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ava & Somerighini

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

PBS Engineering and Environmental Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20

ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)										
			Reporting							
Analyte	Result	MDL	Limit	Units	Dilution	Date Analyzed	Method	Notes		
WMMS 01 (A6F0743-01)			Matrix: Drink	ing Water						
Batch: 6060836										
Lead	0.300		0.200	ug/L	1	06/29/16 19:25	EPA 200.8			
WMMS 16 (A6F0743-02)			Matrix: Drink	ing Water						
Batch: 6060836										
Lead	1.78		0.200	ug/L	1	06/29/16 19:27	EPA 200.8			
WMMS 17 (A6F0743-03)			Matrix: Drink	ing Water						
Batch: 6060836										
Lead	21.5		0.200	ug/L	1	06/28/16 21:54	EPA 200.8			
WMMS 18 (A6F0743-04)			Matrix: Drink	ing Water						
Batch: 6060836										
Lead	20.8		0.200	ug/L	1	06/28/16 21:59	EPA 200.8			
WMMS 19 (A6F0743-05)			Matrix: Drink	ing Water						
Batch: 6060836										
Lead	30.4		0.200	ug/L	1	06/28/16 22:00	EPA 200.8			
WMMS 20 (A6F0743-06)			Matrix: Drink	ing Water						
Batch: 6060836										
Lead	155		0.200	ug/L	1	06/28/16 22:02	EPA 200.8			
WMMS 21 (A6F0743-07)			Matrix: Drink	ing Water						
Batch: 6060836										
Lead	0.233		0.200	ug/L	1	06/29/16 19:38	EPA 200.8			
WMMS 22 (A6F0743-08)			Matrix: Drink	ing Water						
Batch: 6060836										
Lead	0.233		0.200	ug/L	1	06/29/16 19:39	EPA 200.8			
WMMS 23 (A6F0743-09)			Matrix: Drink	ing Water						
Batch: 6060836										
Lead	0.511		0.200	ug/L	1	06/29/16 19:41	EPA 200.8			
WMMS 24 (A6F0743-10RE1)			Matrix: Drink	ing Water						
Batch: 6060933										
Lead	76.3		0.200	ug/L	1	06/30/16 20:45	EPA 200.8			
WMMS 25 (A6F0743-11RE1)			Matrix: Drink	ing Water						
Batch: 6060836										
Lead	ND		0.200	ug/L	1	06/29/16 19:44	EPA 200.8			
WMMS 26 (A6F0743-12)			Matrix: Drink	ing Water						

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

PBS Engineering and Environmental Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20

ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)										
			Reporting							
Analyte	Result	MDL	Limit	Units	Dilution	Date Analyzed	Method	Notes		
WMMS 26 (A6F0743-12)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	0.271		0.200	ug/L	1	06/28/16 23:30	EPA 200.8			
WMMS 27 (A6F0743-13)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	0.321		0.200	ug/L	1	06/28/16 23:32	EPA 200.8			
WMMS 28 (A6F0743-14)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	0.419		0.200	ug/L	1	06/28/16 23:35	EPA 200.8			
WMMS 29 (A6F0743-15)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	0.488		0.200	ug/L	1	06/28/16 23:39	EPA 200.8			
WMMS 30 (A6F0743-16)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	0.565		0.200	ug/L	1	06/28/16 23:47	EPA 200.8			
WMMS 31 (A6F0743-17)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	16.2		0.200	ug/L	1	06/28/16 23:49	EPA 200.8			
WMMS 32 (A6F0743-18)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	0.358		0.200	ug/L	1	06/28/16 23:51	EPA 200.8			
WMMS 33 (A6F0743-19)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	0.496		0.200	ug/L	1	06/28/16 23:53	EPA 200.8			
WMMS 34 (A6F0743-20)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	38.9		0.200	ug/L	1	06/28/16 23:55	EPA 200.8			
WMMS 35 (A6F0743-21)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	0.471		0.200	ug/L	1	06/28/16 23:57	EPA 200.8			
WMMS 36 (A6F0743-22)			Matrix: Drink	ing Water						
Batch: 6060842										
Lead	0.686		0.200	ug/L	1	06/28/16 23:59	EPA 200.8			
WMMS 37 (A6F0743-23)			Matrix: Drink	ing Water						

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

PBS Engineering and Environmental Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20

ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)									
D 1:	MDI	Reporting		51	D	M.d. I	N		
Kesult	MDL			Dilution	Date Analyzed	Method	Notes		
		Matrix: Drinl	king Water						
0.845		0.200	ug/L	1	06/29/16 00:01	EPA 200.8			
		Matrix: Drinl	king Water						
0.867		0.200	ug/L	1	06/29/16 00:03	EPA 200.8			
		Matrix: Drinl	king Water						
0.234		0.200	ug/L	1	06/29/16 00:09	EPA 200.8			
		Matrix: Drini	king Water						
			-						
0.223		0.200	ug/L	1	06/29/16 00:11	EPA 200.8			
		Matrix: Drinl	king Water						
35.7		0.200	ug/L	1	06/29/16 00:13	EPA 200.8			
		Matrix: Drini	king Water						
			-						
0.414		0.200	ug/L	1	06/29/16 00:15	EPA 200.8			
		Matrix: Drini	king Water						
			·						
0.503		0.200	ug/L	1	06/29/16 00:17	EPA 200.8			
		Matrix: Drini	king Water						
1.19		0.200	ug/L	1	06/29/16 00:20	EPA 200.8			
		Matrix: Drini	king Water						
ND		0.200	ug/L	1	06/29/16 00:22	EPA 200.8			
	0.845 0.867 0.234 0.223 35.7 0.414 0.503	Result MDL 0.845 0.867 0.234 0.223 35.7 0.414 0.503 1.19	Result MDL Reporting Limit	Result MDL Limit Units	Result MDL Limit Units Dilution	Result MDL Reporting Limit Units Dilution Date Analyzed	Result MDL Limit Units Dilution Date Analyzed Method		

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Awa & Somenighini

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

PBS Engineering and Environmental

Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Portland, OR 97239 Project Number: Reynolds SD #7 / PR23514.0 Project Manager: Clark Nelson

Reported: 07/04/16 18:20

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 6060836 - Matrix Ma	tched Dire	ect Inject					Dri	nking Wa	ter			
Blank (6060836-BLK1)				Prep	oared: 06/	28/16 14:24	Analyzed:	06/28/16 2	1:29			
EPA 200.8												
Lead	ND		0.200	ug/L	1							
LCS (6060836-BS1)				Prep	oared: 06/	28/16 14:24	Analyzed:	06/28/16 2	1:30			
EPA 200.8												
Lead	14.9		0.200	ug/L	1	16.7		90	85-115%			
Matrix Spike (6060836-MS2)				Prep	pared: 06/	28/16 14:24	Analyzed:	06/28/16 22	2:11			
QC Source Sample: WMMS 25 (A6	F0743-11)											
EPA 200.8												
Lead	13.9		0.200	ug/L	1	16.7	0.189	82	70-130%			
Batch 6060842 - Matrix Ma	tched Dire	ect Inject					Dri	nking Wa	ter			
Blank (6060842-BLK1)				Prep	oared: 06/2	28/16 15:58	Analyzed:	06/28/16 23	3:26			
EPA 200.8												
Lead	ND		0.200	ug/L	1							
LCS (6060842-BS1)				Prep	oared: 06/	28/16 15:58	Analyzed:	06/28/16 23	3:28			
EPA 200.8												
Lead	16.5		0.200	ug/L	1	16.7		99	85-115%			
Duplicate (6060842-DUP1)				Prep	pared: 06/	28/16 15:58	Analyzed:	06/28/16 23	3:37			
QC Source Sample: WMMS 28 (A6	F0743-14)											
EPA 200.8												
Lead	0.420		0.200	ug/L	1		0.419			0.2	20%	
Matrix Spike (6060842-MS1)				Prep	pared: 06/	28/16 15:58	Analyzed:	06/28/16 23	3:45			
QC Source Sample: WMMS 29 (A6	F0743-15)											
EPA 200.8												
Lead	16.4		0.200	ug/L	1	16.7	0.488	95	70-130%			
Matrix Spike (6060842-MS2)				Prep	oared: 06/	28/16 15:58	Analyzed:	06/29/16 00	0:24			
QC Source Sample: WMMS 45 (A6 EPA 200.8	F0743-31)											
Apex Laboratories					The verylte	in this report	annly to the a	ammlaa amah		danaa wit	h the chain	o.f.

Grand Jomenighini

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

PBS Engineering and Environmental Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20

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 6060842 - Matrix Ma	tched Dire	ct Inject					Drir	ıking Wa	ter			
Matrix Spike (6060842-MS2)				Pre	epared: 06/	28/16 15:58	Analyzed: (06/29/16 00	0:24			
QC Source Sample: WMMS 45 (A6F0743-31)												
Lead	16.4		0.200	ug/L	1	16.7	0.165	97	70-130%			

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ava & Somerighini

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

PBS Engineering and Environmental Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20

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 6060933 - EPA 3015	A						Drin	nking Wa	ater			
Blank (6060933-BLK1) Prepared: 06/30/16 15:24 Analyzed: 06/30/16 20:01												
EPA 200.8												
Lead	ND		0.200	ug/L	1							
LCS (6060933-BS1) Prepared: 06/30/16 15:24 Analyzed: 06/30/16 20:03												
EPA 200.8												
Lead	17.2		0.200	ug/L	1	16.7		103	85-115%			
Matrix Spike (6060933-MS2)	Matrix Spike (6060933-MS2) Prepared: 06/30/16 15:24 Analyzed: 06/30/16 20:47											
QC Source Sample: WMMS 24 (A6F0743-10RE1)												
EPA 200.8												
Lead	97.9		0.200	ug/L	1	16.7	76.3	130	70-130%			

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ava & Somerighini

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

PBS Engineering and Environmental Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20

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		
Batch: 6060933	Wittin	Wiethou	Sumpieu	Trepured					
A6F0743-10RE1	Drinking Wa	EPA 200.8	06/16/16 00:00	06/30/16 15:24	45mL/50mL	45mL/50mL	1.00		
	-		00/10/10 00:00	00/30/10 13.24					
Prep: Matrix Match		 -			Sample	Default	RL Prep		
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor		
Batch: 6060836									
A6F0743-01	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 14:24	45mL/50mL	45mL/50mL	1.00		
A6F0743-02	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 14:24	45mL/50mL	45mL/50mL	1.00		
A6F0743-03	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 14:24	45mL/50mL	45mL/50mL	1.00		
A6F0743-04	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 14:24	45mL/50mL	45mL/50mL	1.00		
A6F0743-05	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 14:24	45mL/50mL	45mL/50mL	1.00		
A6F0743-06	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 14:24	45mL/50mL	45mL/50mL	1.00		
A6F0743-07	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 14:24	45 mL/50 mL	45 mL/50 mL	1.00		
A6F0743-08	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 14:24	45 mL/50 mL	45 mL/50 mL	1.00		
A6F0743-09	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 14:24	45 mL/50 mL	45 mL/50 mL	1.00		
A6F0743-11RE1	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 14:24	45 mL/50 mL	45 mL/50 mL	1.00		
Batch: 6060842									
A6F0743-12	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-13	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-14	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-15	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-16	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-17	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-18	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-19	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-20	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-21	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-22	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-23	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-24	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-25	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-26	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-27	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-28	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		
A6F0743-29	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00		

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

PBS Engineering and Environmental Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20

SAMPLE PREPARATION INFORMATION

Total Metals in Drinking Water by EPA 200.8 (ICPMS)								
Prep: Matrix Matched Direct Inject Sample Default RL Prep								
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor	
A6F0743-30	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45mL/50mL	45mL/50mL	1.00	
A6F0743-31	Drinking Wa	EPA 200.8	06/16/16 00:00	06/28/16 15:58	45 mL/50 mL	45mL/50mL	1.00	

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ava & Somerighini

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

PBS Engineering and Environmental Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20

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 ½ 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).

Apex Laboratories

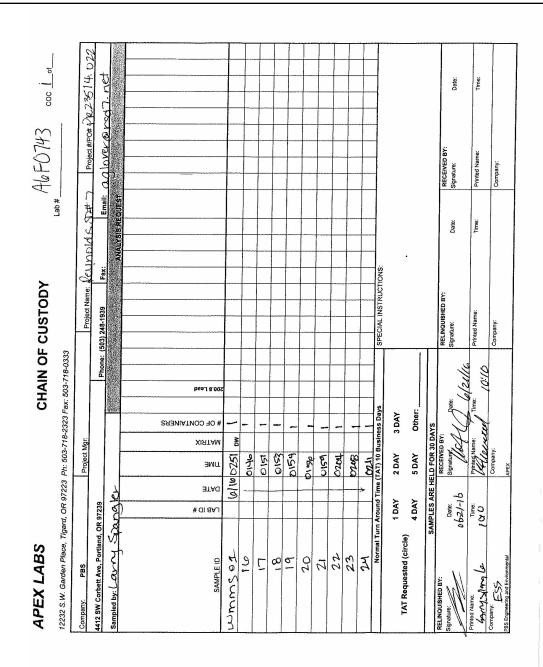
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Goas Smerighini

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

PBS Engineering and Environmental Project: Reynolds School-W. Morey Middle School

4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20



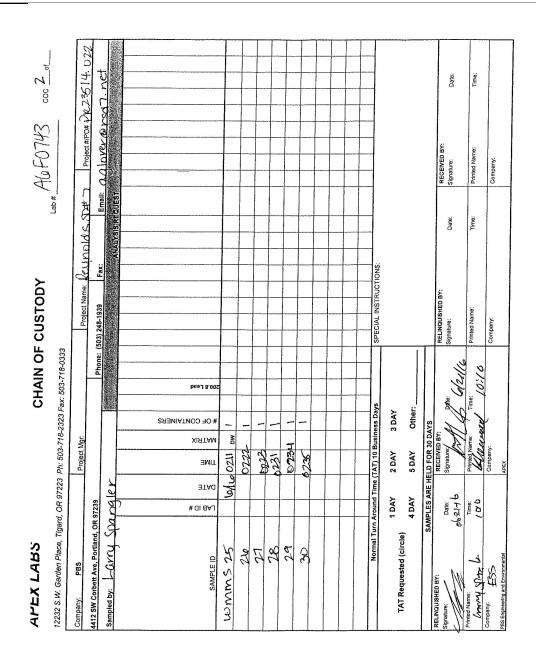
Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Goa & Zomenighini

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

Project: Reynolds School-W. Morey Middle School
4412 SW Corbett Ave Project Number: Reynolds SD #7 / PR23514.0 Reported:
Portland, OR 97239 Project Manager: Clark Nelson 07/04/16 18:20



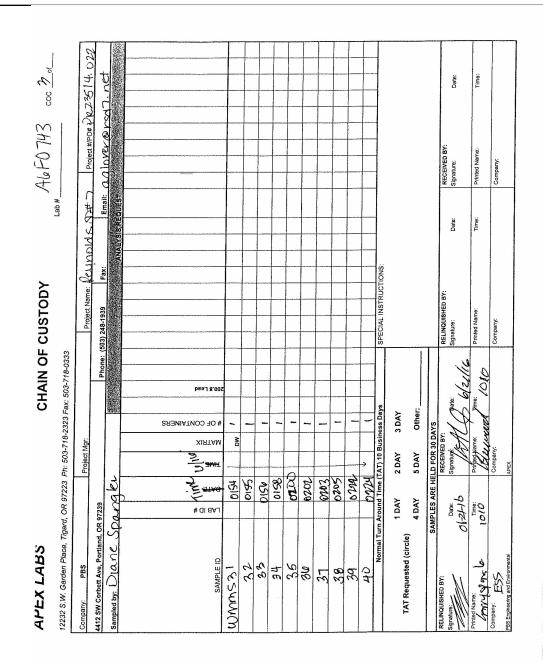
Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Assa & Somenighini

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

PBS Engineering and Environmental	Project:	Reynolds School-W. Morey Middle School	
4412 SW Corbett Ave	Project Number:	Reynolds SD #7 / PR23514.0	Reported:
Portland, OR 97239	Project Manager:	Clark Nelson	07/04/16 18:20



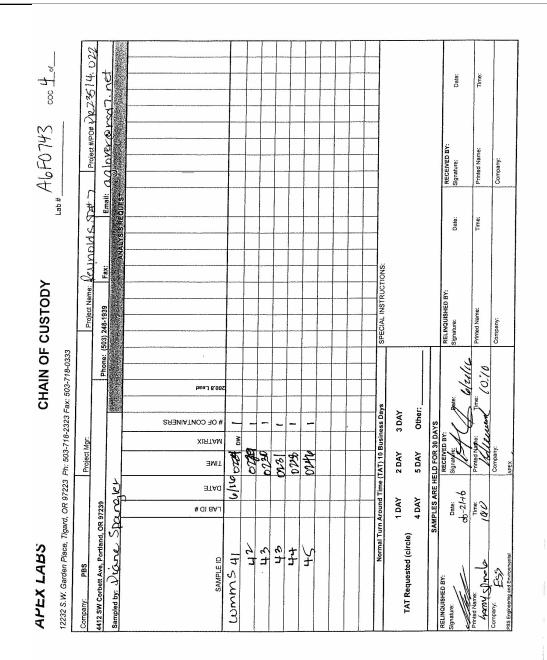
Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ava & Jomenyhini

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

PBS Engineering and EnvironmentalProject:Reynolds School-W. Morey Middle School4412 SW Corbett AveProject Number:Reynolds SD #7 / PR23514.0Reported:Portland, OR 97239Project Manager:Clark Nelson07/04/16 18:20



Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Goa & Zomenighini