



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

Salish Ponds First Round Water Testing June 2016

| Sample ID | RESULT | ug/L |
|-----------|--------|-----------|
| SAL01 | FAIL | 354 ug/L |
| SAL02 | FAIL | 467 ug/L |
| SAL03 | FAIL | 517 ug/L |
| SAL04 | FAIL | 919 ug/L |
| SAL05 | FAIL | 516 ug/L |
| SAL06 | FAIL | 663 ug/L |
| SAL07 | FAIL | 639 ug/L |
| SAL08 | FAIL | 921 ug/L |
| SAL09 | FAIL | 205 ug/L |
| SAL10 | FAIL | 229 ug/L |
| SAL11 | FAIL | 244 ug/L |
| SAL12 | FAIL | 108 ug/L |
| SAL13 | FAIL | 236 ug/L |
| SAL14 | FAIL | 77.9 ug/L |
| SAL15 | PASS | |



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| Sample ID | RESULT | ug/L |
|-----------|--------|-----------|
| SAL16 | PASS | |
| SAL17 | FAIL | 25.3 ug/L |
| SAL18 | FAIL | 397 ug/L |
| SAL19 | FAIL | 573 ug/L |
| SAL20 | FAIL | 477 ug/L |
| SAL21 | FAIL | 582 ug/L |
| SAL22 | FAIL | 263 ug/L |
| SAL23 | FAIL | 26.9 ug/L |
| SAL24 | FAIL | 62.6 ug/L |
| SAL25 | FAIL | 25.3 ug/L |
| SAL26 | FAIL | 386 ug/L |
| SAL27 | FAIL | 666 ug/L |
| SAL28 | FAIL | 964 ug/L |
| SAL29 | FAIL | 1110 ug/L |
| SAL30 | FAIL | 53.8 ug/L |



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| Sample ID | RESULT | ug/L |
|-----------|--------|----------|
| SAL31 | PASS | |
| SAL32 | PASS | |
| SAL33 | FAIL | 111 ug/L |
| SAL34 | FAIL | 110 ug/L |
| SAL35 | PASS | |
| SAL36 | | |
| SAL37 | | |
| SAL38 | | |
| SAL39 | | |
| SAL40 | | |
| SAL41 | | |
| SAL42 | | |
| SAL43 | | |
| SAL44 | | |
| SAL45 | | |

BOTTLES NOT USED



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Salish Ponds Water Testing June 2016

Sampled By: Diana Spangler 06/15/16

| Sample ID | Location (Classroom# or Faucet Loc.) | Date | |
|-----------|--|---------------|---|
| SAL01 | Room # 9 Drinking fountain | 6/15/16 22:04 | ✓ |
| SAL02 | Room # 11 Drinking fountain | 6/15/16 22:07 | ✓ |
| SAL03 | Room # 10 Drinking fountain | 6/15/16 22:09 | ✓ |
| SAL04 | Room # 12 Drinking fountain | 6/15/16 22:12 | ✓ |
| SAL05 | Room # 13 Drinking fountain | 6/15/16 22:14 | ✓ |
| SAL06 | Room # 15 Drinking fountain | 6/15/16 22:15 | ✓ |
| SAL07 | Room # 14 Drinking fountain | 6/15/16 22:18 | ✓ |
| SAL08 | Room # 6 Drinking fountain | 6/15/16 22:20 | ✓ |
| SAL09 | Room # 7 Drinking fountain | 6/15/16 22:23 | ✓ |
| SAL10 | Room # 5 Drinking fountain | 6/15/16 22:25 | ✓ |
| SAL11 | Room # 4 Drinking fountain | 6/15/16 22:28 | ✓ |
| SAL12 | Room # 2 Drinking fountain | 6/15/16 22:30 | ✓ |
| SAL13 | Room # 3 Drinking fountain | 6/15/16 22:32 | ✓ |
| SAL14 | Room # 1 Drinking fountain | 6/15/16 22:33 | ✓ |
| SAL15 | Room: Kitchen Prep Sink south wall west side | 6/15/16 22:40 | ✓ |



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Salish Ponds Water Testing June 2016

Sampled By: Diane Spangler 06/15/16

| Sample ID | Location (Classroom# or Faucet Loc.) | Date |
|-----------|---|-----------------|
| SAL31 | Cafeteria Drinking Fountain Tall/Left | 6/15/16 22:43 ✓ |
| SAL32 | Cafeteria Drinking Fountain Short/Right | 6/15/16 22:46 ✓ |
| SAL33 | Kitchen Wash Sink faucet East End South Wall left side | 6/15/16 22:45 ✓ |
| SAL34 | Kitchen Sanitize sink faucet East End South Wall Right Side | 6/15/16 22:46 ✓ |
| SAL35 | Kitchen Dishwashing Sinks Faucet/Sprayer | 6/15/16 22:48 |
| SAL36 | | |
| SAL37 | | |
| SAL38 | | |
| SAL39 | | |
| SAL40 | | |
| SAL41 | | |
| SAL42 | | |
| SAL43 | | |
| SAL44 | | |
| SAL45 | | |

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-Salish Ponos Elementary / Reynold SD ;

Enclosed are the results of analyses for work order A6F0741, 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



Lisa Domenighini, Client Services Manager

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PBS Engineering and Environmental

4412 SW Corbett Ave
 Portland, OR 97239

Project: **Reynolds School-Salish Ponos Elementary**

Project Number: Reynold SD #7 / PR23514.02
 Project Manager: Rich Dufresne

Reported:
 08/03/16 20:06

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|----------------|----------------|----------------|
| SPE 01 | A6F0741-01 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 02 | A6F0741-02 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 03 | A6F0741-03 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 04 | A6F0741-04 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 05 | A6F0741-05 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 06 | A6F0741-06 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 07 | A6F0741-07 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 08 | A6F0741-08 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 09 | A6F0741-09 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 10 | A6F0741-10 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 11 | A6F0741-11 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 12 | A6F0741-12 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 13 | A6F0741-13 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 14 | A6F0741-14 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 15 | A6F0741-15 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 16 | A6F0741-16 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 17 | A6F0741-17 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 18 | A6F0741-18 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 19 | A6F0741-19 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 20 | A6F0741-20 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 21 | A6F0741-21 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 22 | A6F0741-22 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 23 | A6F0741-23 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 24 | A6F0741-24 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 25 | A6F0741-25 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 26 | A6F0741-26 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 27 | A6F0741-27 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 28 | A6F0741-28 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 29 | A6F0741-29 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 30 | A6F0741-30 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 31 | A6F0741-31 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 32 | A6F0741-32 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 33 | A6F0741-33 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 34 | A6F0741-34 | Drinking Water | 06/15/16 00:00 | 06/21/16 10:10 |
| SPE 35 | A6F0741-35 | 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-Salish Ponos Elementary**
 Project Number: Reynold SD #7 / PR23514.02
 Project Manager: Rich Dufresne

Reported:
 08/03/16 20:06

ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|-------------------------------|-------|----------|----------------|-----------|-------|
| SPE 01 (A6F0741-01) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 354 | --- | 0.200 | ug/L | 1 | 07/29/16 01:53 | EPA 200.8 | DW-D |
| SPE 02 (A6F0741-02) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 467 | --- | 0.200 | ug/L | 1 | 07/29/16 01:55 | EPA 200.8 | DW-D |
| SPE 03 (A6F0741-03RE1) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 517 | --- | 1.00 | ug/L | 5 | 08/01/16 20:14 | EPA 200.8 | DW-D |
| SPE 04 (A6F0741-04RE1) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 919 | --- | 1.00 | ug/L | 5 | 08/01/16 20:15 | EPA 200.8 | DW-D |
| SPE 05 (A6F0741-05RE1) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 516 | --- | 1.00 | ug/L | 5 | 08/01/16 20:17 | EPA 200.8 | DW-D |
| SPE 06 (A6F0741-06RE1) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 663 | --- | 1.00 | ug/L | 5 | 08/01/16 20:18 | EPA 200.8 | DW-D |
| SPE 07 (A6F0741-07RE1) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 639 | --- | 1.00 | ug/L | 5 | 08/01/16 20:19 | EPA 200.8 | DW-D |
| SPE 08 (A6F0741-08RE1) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 921 | --- | 2.00 | ug/L | 10 | 07/29/16 17:32 | EPA 200.8 | DW-D |
| SPE 09 (A6F0741-09) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 205 | --- | 0.200 | ug/L | 1 | 07/29/16 12:33 | EPA 200.8 | DW-D |
| SPE 10 (A6F0741-10) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 229 | --- | 0.200 | ug/L | 1 | 07/29/16 12:35 | EPA 200.8 | DW-D |
| SPE 11 (A6F0741-11) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 244 | --- | 0.200 | ug/L | 1 | 07/29/16 12:42 | EPA 200.8 | DW-D |
| SPE 12 (A6F0741-12) | | | Matrix: Drinking Water | | | | | |

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Reported:
 08/03/16 20:06

ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|-------------------------------|--------|-----|-------------------------------|-------|----------|----------------|-----------|-------|
| SPE 12 (A6F0741-12) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 108 | --- | 0.200 | ug/L | 1 | 07/29/16 12:45 | EPA 200.8 | DW-D |
| SPE 13 (A6F0741-13) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 236 | --- | 0.200 | ug/L | 1 | 07/29/16 12:47 | EPA 200.8 | DW-D |
| SPE 14 (A6F0741-14) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 77.9 | --- | 0.200 | ug/L | 1 | 07/29/16 13:00 | EPA 200.8 | DW-D |
| SPE 15 (A6F0741-15) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070034 | | | | | | | | |
| Lead | 2.64 | --- | 0.200 | ug/L | 1 | 07/01/16 20:25 | EPA 200.8 | |
| SPE 16 (A6F0741-16) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 17.6 | --- | 0.200 | ug/L | 1 | 07/29/16 13:02 | EPA 200.8 | DW-D |
| SPE 17 (A6F0741-17) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070829 | | | | | | | | |
| Lead | 25.3 | --- | 0.200 | ug/L | 1 | 07/29/16 13:12 | EPA 200.8 | DW-D |
| SPE 18 (A6F0741-18) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 397 | --- | 0.200 | ug/L | 1 | 07/29/16 13:20 | EPA 200.8 | DW-D |
| SPE 19 (A6F0741-19RE1) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 573 | --- | 2.00 | ug/L | 10 | 07/29/16 17:37 | EPA 200.8 | DW-D |
| SPE 20 (A6F0741-20) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 477 | --- | 0.200 | ug/L | 1 | 07/29/16 13:28 | EPA 200.8 | DW-D |
| SPE 21 (A6F0741-21RE1) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 582 | --- | 2.00 | ug/L | 10 | 07/29/16 17:39 | EPA 200.8 | DW-D |
| SPE 22 (A6F0741-22) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 263 | --- | 0.200 | ug/L | 1 | 07/29/16 13:36 | EPA 200.8 | DW-D |
| SPE 23 (A6F0741-23) | | | Matrix: Drinking Water | | | | | |

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 Project Number: Reynold SD #7 / PR23514.02
 Project Manager: Rich Dufresne

Reported:
 08/03/16 20:06

ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|--|--------|-----|-----------------|-------|----------|----------------|-----------|-------|
| SPE 23 (A6F0741-23) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070034 | | | | | | | | |
| Lead | 26.9 | --- | 0.200 | ug/L | 1 | 07/01/16 20:26 | EPA 200.8 | |
| SPE 24 (A6F0741-24) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070034 | | | | | | | | |
| Lead | 62.6 | --- | 0.200 | ug/L | 1 | 07/01/16 20:31 | EPA 200.8 | |
| SPE 25 (A6F0741-25) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 234 | --- | 0.200 | ug/L | 1 | 07/29/16 13:38 | EPA 200.8 | DW-D |
| SPE 26 (A6F0741-26) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 386 | --- | 0.200 | ug/L | 1 | 07/29/16 13:40 | EPA 200.8 | DW-D |
| SPE 27 (A6F0741-27RE1) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 666 | --- | 2.00 | ug/L | 10 | 07/29/16 17:47 | EPA 200.8 | DW-D |
| SPE 28 (A6F0741-28RE1) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 964 | --- | 2.00 | ug/L | 10 | 07/29/16 17:50 | EPA 200.8 | DW-D |
| SPE 29 (A6F0741-29RE1) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 1110 | --- | 2.00 | ug/L | 10 | 07/29/16 17:52 | EPA 200.8 | DW-D |
| SPE 30 (A6F0741-30) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070840 | | | | | | | | |
| Lead | 53.8 | --- | 0.200 | ug/L | 1 | 07/29/16 13:53 | EPA 200.8 | DW-D |
| SPE 31 (A6F0741-31) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070034 | | | | | | | | |
| Lead | ND | --- | 0.200 | ug/L | 1 | 07/01/16 20:32 | EPA 200.8 | |
| SPE 32 (A6F0741-32) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070034 | | | | | | | | |
| Lead | ND | --- | 0.200 | ug/L | 1 | 07/01/16 20:34 | EPA 200.8 | |
| SPE 33 (A6F0741-33) Matrix: Drinking Water | | | | | | | | |
| Batch: 6070034 | | | | | | | | |
| Lead | 111 | --- | 0.200 | ug/L | 1 | 07/01/16 20:35 | EPA 200.8 | |
| SPE 34 (A6F0741-34) Matrix: Drinking Water | | | | | | | | |

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| | | |
|---|---|------------------------------------|
| PBS Engineering and Environmental 4412 SW Corbett Ave Portland, OR 97239 | Project: Reynolds School-Salish Ponos Elementary Project Number: Reynold SD #7 / PR23514.02 Project Manager: Rich Dufresne | Reported: 08/03/16 20:06 |
|---|---|------------------------------------|

ANALYTICAL SAMPLE RESULTS

Total Metals in Drinking Water by EPA 200.8 (ICPMS)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Date Analyzed | Method | Notes |
|----------------------------|--------------|-----|-------------------------------|-------|----------|----------------|-----------|-------|
| SPE 34 (A6F0741-34) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070034 | | | | | | | | |
| Lead | 110 | --- | 0.200 | ug/L | 1 | 07/01/16 20:39 | EPA 200.8 | |
| SPE 35 (A6F0741-35) | | | Matrix: Drinking Water | | | | | |
| Batch: 6070034 | | | | | | | | |
| Lead | 0.467 | --- | 0.200 | ug/L | 1 | 07/01/16 20:41 | EPA 200.8 | |

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Lisa Domenighini, Client Services Manager

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

Project: **Reynolds School-Salish Ponos Elementary**
 Project Number: Reynold SD #7 / PR23514.02
 Project Manager: Rich Dufresne

Reported:
 08/03/16 20:06

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 6070034 - Matrix Matched Direct Inject | | | | | | Drinking Water | | | | | | |
| Blank (6070034-BLK1) | | | | | | Prepared: 07/01/16 11:35 Analyzed: 07/01/16 19:47 | | | | | | |
| EPA 200.8 | | | | | | | | | | | | |
| Lead | ND | --- | 0.200 | ug/L | 1 | --- | --- | --- | --- | --- | --- | |
| LCS (6070034-BS1) | | | | | | Prepared: 07/01/16 11:35 Analyzed: 07/01/16 19:48 | | | | | | |
| EPA 200.8 | | | | | | | | | | | | |
| Lead | 15.2 | --- | 0.200 | ug/L | 1 | 16.7 | --- | 91 | 85-115% | --- | --- | |
| Matrix Spike (6070034-MS2) | | | | | | Prepared: 07/01/16 11:35 Analyzed: 07/01/16 20:42 | | | | | | |
| QC Source Sample: SPE 35 (A6F0741-35) | | | | | | | | | | | | |
| EPA 200.8 | | | | | | | | | | | | |
| Lead | 16.2 | --- | 0.200 | ug/L | 1 | 16.7 | 0.467 | 94 | 70-130% | --- | --- | |
| Batch 6070829 - EPA 3015A | | | | | | Drinking Water | | | | | | |
| Blank (6070829-BLK1) | | | | | | Prepared: 07/27/16 12:07 Analyzed: 07/29/16 01:33 | | | | | | |
| EPA 200.8 | | | | | | | | | | | | |
| Lead | ND | --- | 0.200 | ug/L | 1 | --- | --- | --- | --- | --- | --- | |
| LCS (6070829-BS2) | | | | | | Prepared: 07/27/16 12:07 Analyzed: 08/02/16 18:21 | | | | | | |
| EPA 200.8 | | | | | | | | | | | | |
| Lead | 16.9 | --- | 0.200 | ug/L | 1 | 16.7 | --- | 101 | 85-115% | --- | --- | Q-16 |
| Matrix Spike (6070829-MS2) | | | | | | Prepared: 07/27/16 12:07 Analyzed: 07/29/16 13:14 | | | | | | |
| QC Source Sample: SPE 17 (A6F0741-17) | | | | | | | | | | | | |
| EPA 200.8 | | | | | | | | | | | | |
| Lead | 42.3 | --- | 0.200 | ug/L | 1 | 16.7 | 25.3 | 102 | 70-130% | --- | --- | |

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-Salish Ponos Elementary**
 Project Number: Reynold SD #7 / PR23514.02
 Project Manager: Rich Dufresne

Reported:
 08/03/16 20:06

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 6070840 - EPA 3015A | | | | | | Drinking Water | | | | | | |
| Blank (6070840-BLK1) | | | | | | Prepared: 07/27/16 15:37 Analyzed: 07/29/16 13:16 | | | | | | |
| EPA 200.8 | | | | | | | | | | | | |
| Lead | ND | --- | 0.200 | ug/L | 1 | --- | --- | --- | --- | --- | --- | --- |
| LCS (6070840-BS1) | | | | | | Prepared: 07/27/16 15:37 Analyzed: 07/29/16 13:18 | | | | | | |
| EPA 200.8 | | | | | | | | | | | | |
| Lead | 16.5 | --- | 0.200 | ug/L | 1 | 16.7 | --- | 99 | 85-115% | --- | --- | --- |
| Duplicate (6070840-DUP1) | | | | | | Prepared: 07/27/16 15:37 Analyzed: 07/29/16 13:30 | | | | | | |
| QC Source Sample: SPE 20 (A6F0741-20) | | | | | | | | | | | | |
| EPA 200.8 | | | | | | | | | | | | |
| Lead | 480 | --- | 0.200 | ug/L | 1 | --- | 477 | --- | --- | 0.7 | 20% | --- |
| Matrix Spike (6070840-MS3) | | | | | | Prepared: 07/27/16 15:37 Analyzed: 07/29/16 17:45 | | | | | | |
| QC Source Sample: SPE 21 (A6F0741-21RE1) | | | | | | | | | | | | |
| EPA 200.8 | | | | | | | | | | | | |
| Lead | 597 | --- | 2.00 | ug/L | 10 | 16.7 | 582 | 91 | 70-130% | --- | --- | Q-16 |



PBS Engineering and Environmental

4412 SW Corbett Ave
 Portland, OR 97239

Project: **Reynolds School-Salish Ponos Elementary**

Project Number: Reynold SD #7 / PR23514.02
 Project Manager: Rich Dufresne

Reported:
 08/03/16 20:06

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: 6070829 | | | | | | | |
| A6F0741-01 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-02 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-03RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-04RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-05RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-06RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-07RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-08RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-09 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-10 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-11 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-12 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-13 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-14 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-16 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-17 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 12:07 | 45mL/50mL | 45mL/50mL | 1.00 |

Batch: 6070840

| | | | | | | | |
|---------------|-------------|-----------|----------------|----------------|-----------|-----------|------|
| A6F0741-18 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-19RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-20 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-21RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-22 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-25 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-26 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-27RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-28RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-29RE1 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-30 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/27/16 15:37 | 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 |
|-----------------------|-------------|-----------|----------------|----------------|----------------------|-----------------------|----------------|
| Batch: 6070034 | | | | | | | |
| A6F0741-15 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/01/16 11:35 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-23 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/01/16 11:35 | 45mL/50mL | 45mL/50mL | 1.00 |

Apex Laboratories



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PBS Engineering and Environmental

4412 SW Corbett Ave
 Portland, OR 97239

Project: **Reynolds School-Salish Ponos Elementary**

Project Number: Reynold SD #7 / PR23514.02
 Project Manager: Rich Dufresne

Reported:
 08/03/16 20:06

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 |
|------------|-------------|-----------|----------------|----------------|----------------------|-----------------------|----------------|
| A6F0741-24 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/01/16 11:35 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-31 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/01/16 11:35 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-32 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/01/16 11:35 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-33 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/01/16 11:35 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-34 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/01/16 11:35 | 45mL/50mL | 45mL/50mL | 1.00 |
| A6F0741-35 | Drinking Wa | EPA 200.8 | 06/15/16 00:00 | 07/01/16 11:35 | 45mL/50mL | 45mL/50mL | 1.00 |

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-Salish Ponos Elementary**

Project Number: Reynold SD #7 / PR23514.02
Project Manager: Rich Dufresne

Reported:
08/03/16 20:06

Notes and Definitions

Qualifiers:

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

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-Salish Ponos Elementary**
 Project Number: Reynold SD #7 / PR23514.02
 Project Manager: Rich Dufresne

Reported:
 08/03/16 20:06

CHAIN OF CUSTODY

Lab # A6F0741 coc 1 of

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

APEX LABS **PBS**

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@psd7.net

Sampled by: TRAVIS SPANGLER ANALYSIS REQUEST

SALISH PONOS
ELEMENTARY

| SAMPLE ID | LAB ID # | DATE | TIME | MATRIX | # OF CONTAINERS | 2008 Lead | SPECIAL INSTRUCTIONS: | | | | | | | | | | |
|-----------|----------|--------------|--------------|-----------|-----------------|-----------|-----------------------|-------|-------|-------|-------|--------|--|--|--|--|--|
| | | | | | | | 1 DAY | 2 DAY | 3 DAY | 4 DAY | 5 DAY | Other: | | | | | |
| <u>01</u> | | <u>08-15</u> | <u>12:04</u> | <u>DW</u> | | | | | | | | | | | | | |
| <u>02</u> | | <u>08-15</u> | <u>12:07</u> | | | | | | | | | | | | | | |
| <u>03</u> | | <u>08-15</u> | <u>12:09</u> | | | | | | | | | | | | | | |
| <u>04</u> | | <u>08-16</u> | <u>12:16</u> | | | | | | | | | | | | | | |
| <u>05</u> | | <u>08-16</u> | <u>12:14</u> | | | | | | | | | | | | | | |
| <u>06</u> | | <u>08-15</u> | <u>12:15</u> | | | | | | | | | | | | | | |
| <u>07</u> | | <u>08-18</u> | <u>12:18</u> | | | | | | | | | | | | | | |
| <u>08</u> | | <u>08-20</u> | <u>12:20</u> | | | | | | | | | | | | | | |
| <u>09</u> | | <u>08-23</u> | <u>12:23</u> | | | | | | | | | | | | | | |
| <u>10</u> | | <u>08-25</u> | <u>12:25</u> | | | | | | | | | | | | | | |

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>08-27-16</u> | Signature: <u>[Signature]</u> Date: <u>08-27-16</u> |
| Printed Name: <u>Lisa Domenighini</u> Time: <u>12:00</u> | Printed Name: <u>[Name]</u> Time: <u>12:00</u> |
| Company: <u>PBS</u> | Company: <u>APEX</u> |

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-Salish Ponos Elementary**
Project Number: Reynold SD #7 / PR23514.02
Project Manager: Rich Dufresne

Reported:
08/03/16 20:06

CHAIN OF CUSTODY

Company: **PBS** Project Mgr: **Reynolds SD #7** Project #/PO# **PR23514.022**
 4412 SW Corbett Ave, Portland, OR 97239 Phone: (503) 248-1939 Fax: **503-718-0333**
 Sampled by: **MIANE SPANGLER** Email: **miane@reynolds7.net**

Lab # **AL6F0741** coc **2** of

| SAMPLE ID | LAB ID # | DATE | TIME | MATRIX | # OF CONTAINERS | 200g Lead | ANALYSIS REQUESTS | | | | | | | | | | | |
|---------------|----------|-------------|--------------|-----------|-----------------|-----------|-------------------|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | |
| SPE 11 | | 0615 | 08:08 | DW | | | | | | | | | | | | | | |
| 12 | | 0820 | 08:30 | | | | | | | | | | | | | | | |
| 13 | | 0832 | 08:32 | | | | | | | | | | | | | | | |
| 14 | | 0833 | 08:33 | | | | | | | | | | | | | | | |
| 15 | | 0840 | 08:40 | | | | | | | | | | | | | | | |

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: Mary Spangler Company: ESS | Date: 082116 Time: 1010 | RECEIVED BY: Signature: <i>[Signature]</i> Printed Name: Rich Dufresne Company: APEX | Date: 080316 Time: 2010 |
|--|--|---|--|

SPECIAL INSTRUCTIONS:

Lisa Domenighini

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

Project: **Reynolds School-Salish Ponos Elementary**
Project Number: Reynold SD #7 / PR23514.02
Project Manager: Rich Dufresne

Reported:
08/03/16 20:06

CHAIN OF CUSTODY

Company: **APEX LABS** 12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333
 Project Mgr: **AL6F0741** Lab # **4** of **4**
 Project Name: **Reynolds SD #7** Project #/PO# **PR23514.022**
 Phone: (503) 248-1939 Fax: **no longer @ rpsd7.net**
 Email: **no longer @ rpsd7.net**

Company: **PBS** 4412 SW Corbett Ave, Portland, OR 97239
 Sampled by: **ARRELY SPAIN**

| SAMPLE ID | LAB ID # | DATE | TIME | MATRIX | # OF CONTAINERS | 200g Lead | SPECIAL INSTRUCTIONS: | | | | | | | | | | | |
|----------------|----------|--------------|-------------|-----------|-----------------|-----------|-----------------------|-------|-------|-------|-------|--------|--|--|--|--|--|--|
| | | | | | | | 1 DAY | 2 DAY | 3 DAY | 4 DAY | 5 DAY | Other: | | | | | | |
| SPF 710 | | 08/15 | 0833 | DW | | | | | | | | | | | | | | |
| 27 | | 08/27 | 0837 | | | | | | | | | | | | | | | |
| 28 | | 08/29 | 0839 | | | | | | | | | | | | | | | |
| 29 | | 08/27 | 0837 | | | | | | | | | | | | | | | |
| 30 | | 08/26 | 0836 | | | | | | | | | | | | | | | |

RELINQUISHED BY: **[Signature]** Date: **08/24/16**
 Signature: **[Signature]** Date: **08/24/16**
 Printed Name: **ARRELY SPAIN** Time: **10:00**
 Company: **ESS**

RECEIVED BY: **[Signature]** Date: **08/24/16**
 Signature: **[Signature]** Date: **08/24/16**
 Printed Name: **ARRELY SPAIN** Time: **10:10**
 Company: **ESS**

RELINQUISHED BY: **[Signature]** Date: **08/24/16**
 Signature: **[Signature]** Date: **08/24/16**
 Printed Name: **ARRELY SPAIN** Time: **10:10**
 Company: **ESS**

RECEIVED BY: **[Signature]** Date: **08/24/16**
 Signature: **[Signature]** Date: **08/24/16**
 Printed Name: **ARRELY SPAIN** Time: **10:10**
 Company: **ESS**

Apex Laboratories

Lisa Domenighini

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