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1 800 566 LABS (1 800 566 5227)

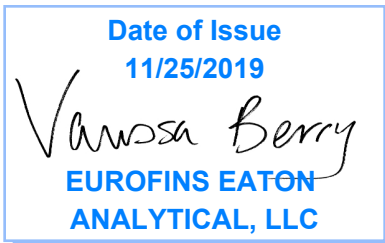


AT-1807

Laboratory Report

for

West Slope Water District
31PO Box 25140
Portland, OR 97298
Attention: Michael Grimm



UTAH ELCP CA00006

Report:833688
Project:UCMR4
Group:AM2-DS-OR4100660-West Slope Water District

ZIA8: Vanessa Berry
Project Manager

* Accredited in accordance with TNI 2016 and ISO/IEC 17025:2017.

* Laboratory certifies that the test results meet all **TNI 2016 and ISO/IEC 17025:2017** requirements unless noted under the individual analysis.

* Following the cover page are State Certification List, ISO/IEC 17025:2017 Accredited Method List, Acknowledgement of Samples Received, Comments, Hits Report, Data Report, QC Summary, QC Report and Regulatory Forms, as applicable.

* Test results relate only to the sample(s) tested.

* Test results apply to the sample(s) as received, unless EEA-M collected and analyzed the sample(s) as noted in the COC and final report.

* This report shall not be reproduced except in full, without the written approval of the laboratory.

* This report includes ISO/IEC 17025:2017 and non-ISO/IEC 17025:2017 accredited methods.

STATE CERTIFICATION LIST

State	Certification Number	State	Certification Number
Alabama	41060	Montana	Cert 0035
Arizona	AZ0778	Nebraska	Certified
Arkansas	Certified	Nevada	CA000062018
California	2813	New Hampshire *	2959
Colorado	Certified	New Jersey *	CA 008
Connecticut	PH-0107	New Mexico	Certified
Delaware	CA 006	New York *	11320
Florida *	E871024	North Carolina	06701
Georgia	947	North Dakota	R-009
Guam	18-005R	Oregon *	CA200003-005
Hawaii	Certified	Pennsylvania *	68-565
Idaho	Certified	Puerto Rico	Certified
Illinois *	200033	Rhode Island	LAO00326
Indiana	C-CA-01	South Carolina	87016
Iowa - Asbestos	413	South Dakota	Certified
Kansas *	E-10268	Tennessee	TN02839
Kentucky	90107	Texas *	T104704230-18-15
Louisiana *	LA180000	Utah (Primary AB) *	CA00006
Maine	CA0006	Vermont	VT0114
Maryland	224	Virginia *	460260
Commonwealth of Northern Marianas Is.	MP0004	Washington	C838
Massachusetts	M-CA006	EPA Region 5	Certified
Michigan	9906	Los Angeles County Sanitation Districts	10264
Mississippi	Certified		

* NELAP/TNI Recognized Accreditation Bodies

ISO/IEC 17025 Accredited Method List

The tests listed below are accredited and meet the requirements of ISO/IEC 17025 as verified by the ANSI-ASQ National Accreditation Board/ANAB. Refer to Certificate and scope of accreditation (AT 1807) found at: <https://www.eurofinsus.com/Eaton>

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environmental (Drinking Water)	Environmental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
1,2,3-TCP (5 PPT & 0.5 PPT)	CA SRL 524M-TCP	x		x
1,4-Dioxane	EPA 522	x		x
2,3,7,8-TCDD	Modified EPA 1613B	x		x
Acrylamide	In House Method (2440)	x		x
Algal Toxins/Microcystin	In House Method (3570)			
Alkalinity	SM 2320B	x	x	x
Ammonia	EPA 350.1		x	x
Ammonia	SM 4500-NH3 H		x	x
Anions and DBPs by IC	EPA 300.0	x	x	x
Anions and DBPs by IC	EPA 300.1	x		x
Asbestos	EPA 100.2	x	x	
BOD / CBOD	SM 5210B		x	x
Bromate	In House Method (2447)	x		x
Carbamates	EPA 531.2	x		x
Carbonate as CO3	SM 2330B	x	x	x
Carbonyls	EPA 556	x		x
COD	EPA 410.4 / SM 5220D		x	
Chloramines	SM 4500-CL G	x	x	x
Chlorinated Acids	EPA 515.4	x		x
Chlorinated Acids	EPA 555	x		x
Chlorine Dioxide	SM 4500-CLO2 D Palin Test	x		x
Chlorine -Total/Free/ Combined Residual	SM 4500-CI G	x	x	x
Conductivity	EPA 120.1		x	
Conductivity	SM 2510B	x	x	x
Corrosivity (Langelier Index)	SM 2330B	x		x
Cyanide, Amenable	SM 4500-CN G	x	x	
Cyanide, Free	SM 4500CN F	x	x	x
Cyanide, Total	EPA 335.4	x	x	x
Cyanogen Chloride (screen)	In House Method (2470)	x		x
Diquat and Paraquat	EPA 549.2	x		x
DBP/HAA	SM 6251B	x		x
Dissolved Oxygen	SM 4500-O G		x	x
DOC	SM 5310C	x		x
E. Coli	(MTF/EC+MUG)	x		x
E. Coli	CFR 141.21(f)(6)(i)	x		x
E. Coli	SM 9223		x	
E. Coli (Enumeration)	SM 9221B.1/ SM 9221F	x		x
E. Coli (Enumeration)	SM 9223B	x		x
EDB/DCBP	EPA 504.1	x		
EDB/DCBP and DBP	EPA 551.1	x		x
EDTA and NTA	In House Method (2454)	x		x
Endothall	EPA 548.1	x		x
Endothall	In-house Method (2445)	x		x
Enterococci	SM 9230B	x	x	
Fecal Coliform	SM 9221 E (MTF/EC)	x		
Fecal Coliform	SM 9221C, E (MTF/EC)		x	
Fecal Coliform (Enumeration)	SM 9221E (MTF/EC)	x		x
Fecal Coliform with Chlorine Present	SM 9221E		x	
Fecal Streptococci	SM 9230B	x	x	
Fluoride	SM 4500-F C	x	x	x
Glyphosate	EPA 547	x		x
Glyphosate + AMPA	In House Method (3618)	x		x
Gross Alpha/Beta	EPA 900.0	x	x	x
Gross Alpha Coprecipitation	SM 7110 C	x	x	x
Hardness	SM 2340B	x	x	x
Heterotrophic Bacteria	In House Method (2439)	x		x
Heterotrophic Bacteria	SM 9215 B	x		x
Hexavalent Chromium	EPA 218.6	x	x	x

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environmental (Drinking Water)	Environmental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
Hexavalent Chromium	EPA 218.7	x		x
Hexavalent Chromium	SM 3500-Cr B		x	
Hormones	EPA 539	x		x
Hydroxide as OH Calc.	SM 2330B	x		x
Kjeldahl Nitrogen	EPA 351.2		x	
Legionella	Legiolert	x		x
Mercury	EPA 245.1	x	x	x
Metals	EPA 200.7 / 200.8	x	x	x
Microcystin LR	ELISA (2360)	x		x
Microcystin, Total	EPA 546	x		x
NDMA	EPA 521 In house method (2425)	x		x
Nitrate/Nitrite Nitrogen	EPA 353.2	x	x	x
OCL, Pesticides/PCB	EPA 505	x		x
Ortho Phosphate	EPA 365.1	x	x	x
Ortho Phosphorous	SM 4500P E	x		x
Oxyhalides Disinfection Byproducts	EPA 317.0	x		x
Perchlorate	EPA 331.0	x		x
Perchlorate (low and high)	EPA 314.0	x		x
Perfluorinated Alkyl Acids	EPA 537	x		x
Perfluorinated Pollutant	In house Method (2434)	x		x
pH	EPA 150.1	x		
pH	SM 4500-H+B	x	x	x
Phenylurea Pesticides/ Herbicides	In House Method, based on EPA 532 (2448)	x		x
Pseudomonas	IDEXX Pseudalert (2461)	x		x
Radium-226	GA Institute of Tech	x		x
Radium-228	GA Institute of Tech	x		x
Radon-222	SM 7500RN	x		x
Residue, Filterable	SM 2540C	x	x	x
Residue, Non-filterable	SM 2540D		x	
Residue, Total	SM 2540B		x	x
Residue, Volatile	EPA 160.4		x	
Semi-VOC	EPA 525.2	x		x
Silica	SM 4500-Si D	x	x	
Silica	SM 4500-SiO2 C	x	x	
Sulfide	SM 4500-S ⁻ D		x	
Sulfite	SM 4500-SO ³ B	x	x	x
Surfactants	SM 5540C	x	x	x
Taste and Odor Analytes	SM 6040E	x		x
Total Coliform (P/A)	SM 9221 A, B	x		x
Total Coliform (Enumeration)	SM 9221 A, B, C	x		x
Total Coliform / E. coli	Colisure SM 9223	x		x
Total Coliform	SM 9221B		x	
Total Coliform with Chlorine Present	SM 9221B		x	
Total Coliform / E.coli (P/A and Enumeration)	SM 9223	x		x
TOC	SM 5310C	x	x	x
TOX	SM 5320B		x	
Total Phenols	EPA 420.1		x	
Total Phenols	EPA 420.4	x	x	x
Total Phosphorous	SM 4500 P E		x	
Triazine Pesticides & Degradates	In House (3617)	x		x
Turbidity	EPA 180.1	x	x	x
Turbidity	SM 2130B	x	x	
Uranium by ICP/MS	EPA 200.8	x		x
UV 254	SM 5910B	x		
VOC	EPA 524.2	x		x
VOC	In House Method (2411)	x		x
Yeast and Mold	SM 9610	x		x
Field Sampling	N/A			

Acknowledgement of Samples Received

Addr: **West Slope Water District**
31PO Box 25140
Portland, OR 97298

Attn: Michael Grimm
Phone: 503-292-2777

Client ID: WESTSLOPE-OR
Folder #: 833688
Project: UCMR4
Sample Group: AM2-DS-OR4100660-West Slope
Water District
Project Manager: Vanessa Berry
Phone: 503-310-3905

The following samples were received from you on **October 17, 2019 at 1122**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using Eurofins Eaton Analytical, LLC.

Sample #	Sample ID	Sample Date
<u>201910170172</u>	11944-SITE1-SW Sylvan Court Sample Type: DS Sample Event: SEH2 Facility ID: 11944 Sample Point ID: SITE1 PWSID: OR4100660 @UCMR4 552.3	10/16/2019 1100
<u>201910170173</u>	11943-SITE6-SW Fairway Drive Sample Type: DS Sample Event: SEH2 Facility ID: 11943 Sample Point ID: SITE6 PWSID: OR4100660 @UCMR4 552.3	10/16/2019 1100
<u>201910170174</u>	11942-SITE3-SW Kennedy Street Sample Type: DS Sample Event: SEH2 Facility ID: 11942 Sample Point ID: SITE3 PWSID: OR4100660 @UCMR4 552.3	10/16/2019 1100
<u>201910170175</u>	11941-SITE7-SW Poplar Street Sample Type: DS Sample Event: SEH2 Facility ID: 11941 Sample Point ID: SITE7 PWSID: OR4100660 @UCMR4 552.3	10/16/2019 1100

Test Description

@UCMR4 552.3 -- UCMR4 552.3

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Laboratory Comments**Report:** 833688**Project:** UCMR4**Group:** AM2-DS-OR4100660-West Slope
Water District

West Slope Water District
Michael Grimm
31PO Box 25140
Portland, OR 97298

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 Portland, OR 97298

Samples Received on:
 10/17/2019 1122

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
201910170172 <u>11944-SITE1-SW Sylvan Court</u>						
11/13/2019 12:26	Bromochloroacetic acid		0.57		ug/L	0.30
11/13/2019 12:26	Bromodichloroacetic acid		0.72		ug/L	0.50
11/19/2019 07:20	Dichloroacetic acid		17		ug/L	0.40
11/13/2019 12:26	Total HAA5		34		ug/L	0.20
11/13/2019 12:26	Total HAA6Br		1.3		ug/L	0.20
11/13/2019 12:26	Total HAA9		35		ug/L	0.20
11/13/2019 12:26	Trichloroacetic acid		17		ug/L	0.50
201910170173 <u>11943-SITE6-SW Fairway Drive</u>						
11/13/2019 13:03	Bromochloroacetic acid		0.70		ug/L	0.30
11/13/2019 13:03	Bromodichloroacetic acid		0.73		ug/L	0.50
11/19/2019 07:57	Dichloroacetic acid		18		ug/L	0.40
11/13/2019 13:03	Total HAA5		36		ug/L	0.20
11/13/2019 13:03	Total HAA6Br		1.4		ug/L	0.20
11/13/2019 13:03	Total HAA9		37		ug/L	0.20
11/13/2019 13:03	Trichloroacetic acid		18		ug/L	0.50
201910170174 <u>11942-SITE3-SW Kennedy Street</u>						
11/13/2019 13:40	Bromochloroacetic acid		0.49		ug/L	0.30
11/13/2019 13:40	Bromodichloroacetic acid		0.63		ug/L	0.50
11/19/2019 08:35	Dichloroacetic acid		14		ug/L	0.40
11/13/2019 13:40	Total HAA5		29		ug/L	0.20
11/13/2019 13:40	Total HAA6Br		1.1		ug/L	0.20
11/13/2019 13:40	Total HAA9		30		ug/L	0.20
11/13/2019 13:40	Trichloroacetic acid		15		ug/L	0.50
201910170175 <u>11941-SITE7-SW Poplar Street</u>						
11/13/2019 14:17	Bromochloroacetic acid		0.64		ug/L	0.30
11/13/2019 14:17	Bromodichloroacetic acid		0.68		ug/L	0.50
11/19/2019 09:13	Dichloroacetic acid		17		ug/L	0.40
11/13/2019 14:17	Total HAA5		34		ug/L	0.20
11/13/2019 14:17	Total HAA6Br		1.3		ug/L	0.20
11/13/2019 14:17	Total HAA9		35		ug/L	0.20
11/13/2019 14:17	Trichloroacetic acid		17		ug/L	0.50

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Report: 833688
Project: UCMR4
Group: AM2-DS-OR4100660-West Slope Water District

West Slope Water District
 Michael Grimm
 31PO Box 25140
 Portland, OR 97298

Samples Received on:
 10/17/2019 1122

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
11944-SITE1-SW Sylvan Court (201910170172)						Sampled on 10/16/2019 1100			
Sample Type: DS									
Sample Event: SEH2									
Facility ID: 11944									
Sample Point ID: SITE1									
PWSID: OR4100660									
EPA 552.3 - UCMR4 552.3									
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Bromochloroacetic acid	0.57	ug/L	0.30	1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Bromodichloroacetic acid	0.72	ug/L	0.50	1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Chlorodibromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Dibromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/19/19 07:20	1206073	1208634	(EPA 552.3)	Dichloroacetic acid	17	ug/L	0.40	2
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Monobromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Monochloroacetic acid	ND	ug/L	2.0	1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Total HAA5	34	ug/L	0.20	1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Total HAA6Br	1.3	ug/L	0.20	1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Total HAA9	35	ug/L	0.20	1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Tribromoacetic acid	ND	ug/L	2.0	1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	Trichloroacetic acid	17	ug/L	0.50	1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	1,2,3-Trichloropropane	101	%		1
10/29/19	11/13/19 12:26	1206073	1208634	(EPA 552.3)	2,3-Dibromopropionic acid	104	%		1
11943-SITE6-SW Fairway Drive (201910170173)						Sampled on 10/16/2019 1100			
Sample Type: DS									
Sample Event: SEH2									
Facility ID: 11943									
Sample Point ID: SITE6									
PWSID: OR4100660									
EPA 552.3 - UCMR4 552.3									
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Bromochloroacetic acid	0.70	ug/L	0.30	1
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Bromodichloroacetic acid	0.73	ug/L	0.50	1
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Chlorodibromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Dibromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/19/19 07:57	1206073	1208634	(EPA 552.3)	Dichloroacetic acid	18	ug/L	0.40	2
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Monobromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Monochloroacetic acid	ND	ug/L	2.0	1
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Total HAA5	36	ug/L	0.20	1
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Total HAA6Br	1.4	ug/L	0.20	1
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Total HAA9	37	ug/L	0.20	1
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Tribromoacetic acid	ND	ug/L	2.0	1
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	Trichloroacetic acid	18	ug/L	0.50	1

Rounding on totals after summation.
 (c) - indicates calculated results. Analysis is a calculated result. Reported results are not rounded until the final step before reporting. Therefore methods that use a test result with further calculation may have slight differences in final result than the component analyses.

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Report: 833688
Project: UCMR4
Group: AM2-DS-OR4100660-West Slope Water District

West Slope Water District
 Michael Grimm
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 Portland, OR 97298

Samples Received on:
 10/17/2019 1122

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	1,2,3-Trichloropropane	99	%		1
10/29/19	11/13/19 13:03	1206073	1208634	(EPA 552.3)	2,3-Dibromopropionic acid	102	%		1

11942-SITE3-SW Kennedy Street (201910170174)

Sampled on 10/16/2019 1100

Sample Type: DS
 Sample Event: SEH2
 Facility ID: 11942
 Sample Point ID: SITE3
 PWSID: OR4100660

EPA 552.3 - UCMR4 552.3

10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Bromochloroacetic acid	0.49	ug/L	0.30	1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Bromodichloroacetic acid	0.63	ug/L	0.50	1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Chlorodibromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Dibromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/19/19 08:35	1206073	1208634	(EPA 552.3)	Dichloroacetic acid	14	ug/L	0.40	2
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Monobromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Monochloroacetic acid	ND	ug/L	2.0	1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Total HAA5	29	ug/L	0.20	1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Total HAA6Br	1.1	ug/L	0.20	1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Total HAA9	30	ug/L	0.20	1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Tribromoacetic acid	ND	ug/L	2.0	1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	Trichloroacetic acid	15	ug/L	0.50	1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	1,2,3-Trichloropropane	100	%		1
10/29/19	11/13/19 13:40	1206073	1208634	(EPA 552.3)	2,3-Dibromopropionic acid	102	%		1

11941-SITE7-SW Poplar Street (201910170175)

Sampled on 10/16/2019 1100

Sample Type: DS
 Sample Event: SEH2
 Facility ID: 11941
 Sample Point ID: SITE7
 PWSID: OR4100660

EPA 552.3 - UCMR4 552.3

10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Bromochloroacetic acid	0.64	ug/L	0.30	1
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Bromodichloroacetic acid	0.68	ug/L	0.50	1
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Chlorodibromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Dibromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/19/19 09:13	1206073	1208634	(EPA 552.3)	Dichloroacetic acid	17	ug/L	0.40	2
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Monobromoacetic acid	ND	ug/L	0.30	1
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Monochloroacetic acid	ND	ug/L	2.0	1
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Total HAA5	34	ug/L	0.20	1
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Total HAA6Br	1.3	ug/L	0.20	1
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Total HAA9	35	ug/L	0.20	1

Rounding on totals after summation.
 (c) - indicates calculated results. Analysis is a calculated result. Reported results are not rounded until the final step before reporting. Therefore methods that use a test result with further calculation may have slight differences in final result than the component analyses.

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Laboratory Data

Report: 833688
Project: UCMR4
Group: AM2-DS-OR4100660-West Slope Water District

West Slope Water District

Michael Grimm
 31PO Box 25140
 Portland, OR 97298

Samples Received on:
 10/17/2019 1122

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Tribromoacetic acid	ND	ug/L	2.0	1
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	Trichloroacetic acid	17	ug/L	0.50	1
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	1,2,3-Trichloropropane	98	%		1
10/29/19	11/13/19 14:17	1206073	1208634	(EPA 552.3)	2,3-Dibromopropionic acid	102	%		1

Rounding on totals after summation.
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Water District

West Slope Water District

UCMR4 552.3**Prep Batch: 1206073 Analytical Batch: 1208634****Analysis Date: 11/13/2019**

201910170172	11944-SITE1-SW Sylvan Court	Analyzed by: A4H
201910170172	11944-SITE1-SW Sylvan Court	Analyzed by: A4H
201910170173	11943-SITE6-SW Fairway Drive	Analyzed by: A4H
201910170173	11943-SITE6-SW Fairway Drive	Analyzed by: A4H
201910170174	11942-SITE3-SW Kennedy Street	Analyzed by: A4H
201910170174	11942-SITE3-SW Kennedy Street	Analyzed by: A4H
201910170175	11941-SITE7-SW Poplar Street	Analyzed by: A4H
201910170175	11941-SITE7-SW Poplar Street	Analyzed by: A4H

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West Slope Water District

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
UCMR4 552.3 by EPA 552.3									
Prep Batch: 1206073 Analytical Batch: 1208634					Analysis Date: 11/13/2019				
CCCH	1,2,3-Trichloropropane (S)			99.3	%	99	(50-150)		
CCCM	1,2,3-Trichloropropane (S)			99.5	%	100	(50-150)		
CCCM	1,2,3-Trichloropropane (S)			98.8	%	99	(50-150)		
LCS1	1,2,3-Trichloropropane (S)			99.1	%	99	(50-150)		
MBLK	1,2,3-Trichloropropane (S)			100	%	101	(50-150)		
MBLK	1,2,3-Trichloropropane (S)			96.6	%	97	(50-150)		
MRL_CHK	1,2,3-Trichloropropane (S)			98.8	%	99	(50-150)		
MRL_CHK	1,2,3-Trichloropropane (S)			94.6	%	95	(50-150)		
MS2_201910150378	1,2,3-Trichloropropane (S)			117	%	117	(50-150)		
MSD2_201910150378	1,2,3-Trichloropropane (S)			114	%	114	(50-150)		
CCCH	2,3-Dibromopropionic acid (S)			98.8	%	99	(70-130)		
CCCM	2,3-Dibromopropionic acid (S)			102	%	102	(70-130)		
CCCM	2,3-Dibromopropionic acid (S)			105	%	105	(70-130)		
LCS1	2,3-Dibromopropionic acid (S)			98.6	%	99	(70-130)		
MBLK	2,3-Dibromopropionic acid (S)			97.7	%	98	(70-130)		
MBLK	2,3-Dibromopropionic acid (S)			107	%	107	(70-130)		
MRL_CHK	2,3-Dibromopropionic acid (S)			95.4	%	95	(70-130)		
MRL_CHK	2,3-Dibromopropionic acid (S)			106	%	106	(70-130)		
MS2_201910150378	2,3-Dibromopropionic acid (S)			90.9	%	91	(50-150)		
MSD2_201910150378	2,3-Dibromopropionic acid (S)			93.5	%	93	(50-150)		
CCCH	Bromochloroacetic acid		6	5.71	ug/L	95	(70-130)		
CCCM	Bromochloroacetic acid		3	2.64	ug/L	88	(70-130)		
LCS1	Bromochloroacetic acid		3	2.74	ug/L	91	(70-130)		
MBLK	Bromochloroacetic acid			<0.1	ug/L				
MRL_CHK	Bromochloroacetic acid		0.3	0.269	ug/L	90	(50-150)		
MS2_201910150378	Bromochloroacetic acid	4.0	0.3	4.26	ug/L	76	(50-150)		
MSD2_201910150378	Bromochloroacetic acid	4.0	0.3	4.38	ug/L	116	(50-150)	50	2.9
CCCH	Bromodichloroacetic acid		10	10.5	ug/L	105	(70-130)		
CCCM	Bromodichloroacetic acid		5	4.80	ug/L	96	(70-130)		
LCS1	Bromodichloroacetic acid		5	4.55	ug/L	91	(70-130)		
MBLK	Bromodichloroacetic acid			<0.17	ug/L				
MRL_CHK	Bromodichloroacetic acid		0.5	0.346	ug/L	69	(50-150)		
MS2_201910150378	Bromodichloroacetic acid	2.2	0.5	2.51	ug/L	68	(50-150)		
MSD2_201910150378	Bromodichloroacetic acid	2.2	0.5	2.57	ug/L	80	(50-150)	50	2.4
CCCH	Chlorodibromoacetic acid		6	6.10	ug/L	102	(70-130)		

Spike recovery is already corrected for native results.
 Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
 RPD not calculated for LCS2 when different a concentration than LCS1 is used.
 RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).
 (S) - Indicates surrogate compound.
 (I) - Indicates internal standard compound.

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West Slope Water District

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
CCCM	Chlorodibromoacetic acid		3	3.13	ug/L	104	(70-130)		
LCS1	Chlorodibromoacetic acid		3	3.12	ug/L	104	(70-130)		
MBLK	Chlorodibromoacetic acid			<0.1	ug/L				
MRL_CHK	Chlorodibromoacetic acid		0.3	0.317	ug/L	106	(50-150)		
MS2_201910150378	Chlorodibromoacetic acid	2.3	0.3	2.51	ug/L	58	(50-150)		
MSD2_201910150378	Chlorodibromoacetic acid	2.3	0.3	2.61	ug/L	90	(50-150)	50	3.8
CCCH	Dibromoacetic acid		6	6.40	ug/L	107	(70-130)		
CCCM	Dibromoacetic acid		3	2.97	ug/L	99	(70-130)		
LCS1	Dibromoacetic acid		3	2.91	ug/L	97	(70-130)		
MBLK	Dibromoacetic acid			<0.1	ug/L				
MRL_CHK	Dibromoacetic acid		0.3	0.196	ug/L	65	(50-150)		
MS2_201910150378	Dibromoacetic acid	4.0	0.3	4.19	ug/L	<u>44</u>	(50-150)		
MSD2_201910150378	Dibromoacetic acid	4.0	0.3	4.53	ug/L	<u>157</u>	(50-150)	50	7.8
CCCH	Dichloroacetic acid		4	3.96	ug/L	99	(70-130)		
CCCM	Dichloroacetic acid		2	1.89	ug/L	94	(70-130)		
CCCM	Dichloroacetic acid		2	1.94	ug/L	97	(70-130)		
LCS1	Dichloroacetic acid		2	1.87	ug/L	94	(70-130)		
MBLK	Dichloroacetic acid			<0.067	ug/L				
MBLK	Dichloroacetic acid			<0.067	ug/L				
MRL_CHK	Dichloroacetic acid		0.2	0.211	ug/L	105	(50-150)		
MRL_CHK	Dichloroacetic acid		0.2	0.188	ug/L	94	(50-150)		
MS2_201910150378	Dichloroacetic acid	3.9	0.2	3.96	ug/L	<u>19</u>	(50-150)		
MSD2_201910150378	Dichloroacetic acid	3.9	0.2	4.16	ug/L	121	(50-150)	50	4.9
CCCH	Monobromoacetic acid		6	6.26	ug/L	104	(70-130)		
CCCM	Monobromoacetic acid		3	2.87	ug/L	96	(70-130)		
LCS1	Monobromoacetic acid		3	3.02	ug/L	101	(70-130)		
MBLK	Monobromoacetic acid			<0.1	ug/L				
MRL_CHK	Monobromoacetic acid		0.3	0.354	ug/L	118	(50-150)		
MS2_201910150378	Monobromoacetic acid	0.68	0.3	0.936	ug/L	85	(50-150)		
MSD2_201910150378	Monobromoacetic acid	0.68	0.3	0.982	ug/L	100	(50-150)	50	4.8
CCCH	Monochloroacetic acid		40	35.5	ug/L	89	(70-130)		
CCCM	Monochloroacetic acid		20	16.2	ug/L	81	(70-130)		
LCS1	Monochloroacetic acid		20	16.3	ug/L	82	(70-130)		
MBLK	Monochloroacetic acid			<0.67	ug/L				
MRL_CHK	Monochloroacetic acid		2	2.16	ug/L	108	(50-150)		
MS2_201910150378	Monochloroacetic acid	ND	2	2.18	ug/L	70	(50-150)		
MSD2_201910150378	Monochloroacetic acid	ND	2	2.34	ug/L	78	(50-150)	50	6.9
CCCH	Tribromoacetic acid		40	40.3	ug/L	101	(70-130)		

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

(S) - Indicates surrogate compound.

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
CCCM	Tribromoacetic acid		20	21.1	ug/L	106	(70-130)		
LCS1	Tribromoacetic acid		20	18.3	ug/L	92	(70-130)		
MBLK	Tribromoacetic acid			<0.67	ug/L				
MRL_CHK	Tribromoacetic acid		2	2.80	ug/L	140	(50-150)		
MS2_201910150378	Tribromoacetic acid	2.5	2	4.59	ug/L	104	(50-150)		
MSD2_201910150378	Tribromoacetic acid	2.5	2	4.63	ug/L	106	(50-150)	50	0.88
CCCH	Trichloroacetic acid		10	10.5	ug/L	105	(70-130)		
CCCM	Trichloroacetic acid		5	4.91	ug/L	98	(70-130)		
LCS1	Trichloroacetic acid		5	5.41	ug/L	108	(70-130)		
MBLK	Trichloroacetic acid			<0.17	ug/L				
MRL_CHK	Trichloroacetic acid		0.5	0.436	ug/L	87	(50-150)		
MS2_201910150378	Trichloroacetic acid	1.9	0.5	2.26	ug/L	79	(50-150)		
MSD2_201910150378	Trichloroacetic acid	1.9	0.5	2.25	ug/L	77	(50-150)	50	0.30

Spike recovery is already corrected for native results.

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