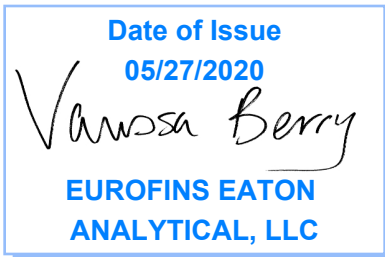


750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: (626) 386-1100
Fax: (866) 988-3757
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

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



Utah ELCP CA00006

ZIA8: Vanessa Berry
Project Manager

Report: 870119
Project: UCMR4
Group: AM2-DS-OR4100660-West Slope Water District

* 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 17025 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 otherwise noted in the comments report (ISO/IEC 17025:2017).

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

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/A2LA.
 Refer to Certificate and scope of accreditation (5890) 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-Cl 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/DBCP 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 200.8	x		x
Metals	EPA 200.7 / 200.8	x	x	x
Microcystin LR	ELISA (2360)	x		x
Microcystin, Total	EPA 546	x		x
NDMA	EEA/Agilent 521.1 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 ⁻² 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 #: 870119
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 **May 08, 2020 at 1330**. 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>202005080121</u>	11944-SITE1-SW Sylvan Court Sample Type: DS Sample Event: SEH4 Facility ID: 11944 Sample Point ID: SITE1 PWSID: OR4100660 @UCMR4 552.3	05/07/2020 1030
<u>202005080122</u>	11943-SITE6-SW Fairway Drive Sample Type: DS Sample Event: SEH4 Facility ID: 11943 Sample Point ID: SITE6 PWSID: OR4100660 @UCMR4 552.3	05/07/2020 1040
<u>202005080123</u>	11942-SITE3-SW Kennedy Street Sample Type: DS Sample Event: SEH4 Facility ID: 11942 Sample Point ID: SITE3 PWSID: OR4100660 @UCMR4 552.3	05/07/2020 1050
<u>202005080124</u>	11941-SITE7-SW Poplar Street Sample Type: DS Sample Event: SEH4 Facility ID: 11941 Sample Point ID: SITE7 PWSID: OR4100660 @UCMR4 552.3	05/07/2020 1100

Test Description

@UCMR4 552.3 -- UCMR4 552.3



Eaton Analytical

750 Royal Oaks Drive, Suite 100, Monrovia, CA 91016-3629

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Website: <http://www.eurofins.com/Eaton>

UCMR4 CHAIN OF CUSTODY RECORD

EUROFINS EATON ANALYTICAL USE ONLY:

LOGIN COMMENTS:

Folder No: 870119

SAMPLES CHECKED AGAINST COC BY: [Signature]

SAMPLES LOGGED IN BY: [Signature]

SAMPLES REC'D DAY OF COLLECTION?

(check for yes)

SAMPLE TEMP RECEIVED Criteria: (recorded in internal COC)

If the sample(s) received:

- same day received as sample collection with evidence of cooling, sample temperature $\geq 10^{\circ}\text{C}$ is acceptable
- within the first 48 hours of collection time; sample temperature must be $\leq 10^{\circ}\text{C}$ (except 200.8) and not frozen (except 546), and
- after 48 hours of collection time; sample temperature must be $\leq 6^{\circ}\text{C}$ (except 200.8) and not frozen (except 546), and valid if refrigerated between collection and shipment documented below as "Yes."

PWSID: OR 00660
Example: (CA1234567)

For PWS and Intermediate Lab Use ONLY:

Were samples cooled between sample collection and shipment at 10°C , or less, for the first 48 hours and 6°C , or less, thereafter? If yes, please "✓" the box next to yes below. No documentation of cooling of samples between collection and shipment for samples received after 48 hours of sample collection will be rejected.

Intermediate Lab: YES NO

PWS: YES NO

TO BE COMPLETED BY SAMPLER

(check for yes)

COMPANY/AGENCY NAME: <u>West Slope Water</u>		PROJECT CODE: <u>UCMR4</u>		- Resample? <input type="checkbox"/> if YES, please specify which sample event it is for _____	
EEA CLIENT CODE:		SAMPLE GROUP: <u>UCMR4</u>		NOTE: we MUST have PWSID#, Facility ID, Sample Point ID, and Sample event # to be able to upload data to EPA Database (check for yes), <u>OR</u>	
TAT requested: rush by adv notice only		STD 1 wk 3 day 2 day 1 day		list ANALYSES REQUIRED (Mark the number of containers in all test required for each sample line)	
SAMPLE DATE	SAMPLE TIME	FACILITY ID (per EPA Requirement) - 5 characters Max	SAMPLE POINT ID (per EPA Requirement) - 20 characters max	# SAMPLE EVENT	SAMPLER COMMENTS
<u>5-7-20 10:30 AM</u>		<u>Sylvan ct</u>	<u>UCMR4 544</u>		
<u>5-7-20 10:40 AM</u>		<u>Fairway dr</u>	<u>UCMR4 545</u>		
<u>5-7-20 10:50 AM</u>		<u>Kennedy dr</u>	<u>UCMR4 530</u>		
<u>5-7-20 11:00 AM</u>		<u>Papkes ln</u>	<u>UCMR4 525.3</u>		
			<u>UCMR4 541</u>		
			<u>UCMR4 546</u>		
			<u>UCMR4 200.8</u>		
			<u>UCMR4 544</u>		
			<u>UCMR4 545</u>		
			<u>UCMR4 546</u>		
			<u>UCMR4 525.3</u>		
			<u>UCMR4 541</u>		
			<u>UCMR4 546</u>		
			<u>UCMR4 544</u>		

(1) Sample Event Code: Cyanotoxins -- SEC1 SEC2 SEC3 SEC4 SEC5 SEC6 SEC7 SEC8
 HAA5 -- SEH1 SEH2 SEH3 SEH4
 Metals, Pesticides, Alcohols, SVOCs -- SEA1 SEA2 SEA3 SEA4

SAMPLED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
<u>Daniel Grudin</u>	<u>Daniel Grudin</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>DANIEL GRIDINAR</u>	<u>West Slope Water</u>	<u>5-7-20</u>	<u>11:25</u>
		<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>DANIEL GRIDINAR</u>	<u>West Slope Water</u>	<u>5-7-20</u>	<u>11:25</u>
		<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>Simon O'Connell</u>	<u>TAROK</u>	<u>5/7/20</u>	<u>1410</u>
		<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>Simon O'Connell</u>	<u>TAROK</u>	<u>5-8-20</u>	<u>1330</u>

UCMR4 INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number: 870119

SAMPLES RECEIVED WITHIN 48 HOURS OF COLLECTION TIME?

TYPE OF ICE: Real Synthetic No Ice

CONDITION OF ICE: Frozen Partially Frozen Thawed N/A

CONDITION OF SAMPLE: Frozen Partially Frozen Not Frozen

METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other: _____

Compliance Acceptance Criteria:

TRK #: 1531 7773 6386

If sample(s) received:

- 1) on the same day as the collection day; sample temperature may be $\geq 10^{\circ}\text{C}$ with evidence of cooling
- 2) within the first 48 hours of collection time; sample temperature must be $\leq 10^{\circ}\text{C}$ (except 200.8) and not frozen (except 546), and
- 3) after 48 hours of collection time; sample temperature must be $\leq 6^{\circ}\text{C}$ (except 200.8) and not frozen (except 546), and not rejected if refrigerated between collection and shipment documented on UCMR4 COC as "yes."

Note: A minimum of 1 bottle for every analytical method must be checked for temperature. If the bottle that is checked does not meet the temperature criterion, then the sample bottle is rejected. The temperature of the other samples collected for that method is checked to determine if a valid sample was received.

Facility ID & Unique Field Sample ID

91944-SITE1-SW Sylvania Court

IR Gun ID = 649A

Method	Container ID	Observation (°C)	Correction Factor (°C)	Final (°C)
UCMR4 2008	1	+	=	
UCMR4 525.3	1	+	=	
	2	+	=	
	3	+	=	
UCMR4 530	1	+	=	
	2	+	=	
	3	+	=	
UCMR4 541	1	+	=	
	2	+	=	
	3	+	=	
UCMR4 552.3	1	1.9 - 0.3 = 1.6		
TOC (5310C)	1	+	=	
Bromide (300.D)	1	+	=	

Method	Container ID	Observation (°C)	Correction Factor (°C)	Final (°C)
UCMR4 544	1	+	=	
	2	+	=	
	3	+	=	
UCMR4 545	1	+	=	
UCMR4 546	1	+	=	

Note: If samples are out of temperature range, let the ASM's know. ASM's will determine whether to proceed with analysis or not.

SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
<u>[Signature]</u>	<u>Paul Mills</u>	Eurofins Eaton Analytical	<u>5-8-20</u>	<u>1330</u>

Tel: (626) 386-1100
Fax: (866) 988-3757
1 800 566 LABS (1 800 566 5227)

Laboratory Comments**Report:** 870119**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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Report: 870119
 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:
 05/08/2020 1330

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
		202005080121	<u>11944-SITE1-SW Sylvan Court</u>			
05/20/2020 17:37	Bromochloroacetic acid		0.47		ug/L	0.30
05/20/2020 17:37	Bromodichloroacetic acid		0.58		ug/L	0.50
05/20/2020 17:37	Dichloroacetic acid		16		ug/L	0.20
05/20/2020 17:37	Total HAA5		30		ug/L	0.20
05/20/2020 17:37	Total HAA6Br		1.0		ug/L	0.20
05/20/2020 17:37	Total HAA9		31		ug/L	0.20
05/20/2020 17:37	Trichloroacetic acid		14		ug/L	0.50
		202005080122	<u>11943-SITE6-SW Fairway Drive</u>			
05/20/2020 18:15	Bromochloroacetic acid		0.46		ug/L	0.30
05/20/2020 18:15	Bromodichloroacetic acid		0.60		ug/L	0.50
05/20/2020 18:15	Dichloroacetic acid		16		ug/L	0.20
05/20/2020 18:15	Total HAA5		30		ug/L	0.20
05/20/2020 18:15	Total HAA6Br		1.1		ug/L	0.20
05/20/2020 18:15	Total HAA9		31		ug/L	0.20
05/20/2020 18:15	Trichloroacetic acid		14		ug/L	0.50
		202005080123	<u>11942-SITE3-SW Kennedy Street</u>			
05/20/2020 18:52	Bromochloroacetic acid		0.34		ug/L	0.30
05/20/2020 18:52	Bromodichloroacetic acid		0.52		ug/L	0.50
05/20/2020 18:52	Dichloroacetic acid		12		ug/L	0.20
05/20/2020 18:52	Total HAA5		24		ug/L	0.20
05/20/2020 18:52	Total HAA6Br		0.86		ug/L	0.20
05/20/2020 18:52	Total HAA9		25		ug/L	0.20
05/20/2020 18:52	Trichloroacetic acid		12		ug/L	0.50
		202005080124	<u>11941-SITE7-SW Poplar Street</u>			
05/21/2020 06:44	Bromochloroacetic acid		0.46		ug/L	0.30
05/21/2020 06:44	Dichloroacetic acid		16		ug/L	0.20
05/21/2020 06:44	Total HAA5		30		ug/L	0.20
05/21/2020 06:44	Total HAA6Br		0.46		ug/L	0.20
05/21/2020 06:44	Total HAA9		30		ug/L	0.20
05/21/2020 06:44	Trichloroacetic acid		14		ug/L	0.50

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Report: 870119
 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:
 05/08/2020 1330

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
11944-SITE1-SW Sylvan Court (202005080121)						Sampled on 05/07/2020 1030			
Sample Type: DS									
Sample Event: SEH4									
Facility ID: 11944									
Sample Point ID: SITE1									
PWSID: OR4100660									
EPA 552.3 - UCMR4 552.3									
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Bromochloroacetic acid	0.47	ug/L	0.30	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Bromodichloroacetic acid	0.58	ug/L	0.50	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Chlorodibromoacetic acid	ND	ug/L	0.30	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Dibromoacetic acid	ND	ug/L	0.30	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Dichloroacetic acid	16	ug/L	0.20	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Monobromoacetic acid	ND	ug/L	0.30	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Monochloroacetic acid	ND	ug/L	2.0	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Total HAA5	30	ug/L	0.20	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Total HAA6Br	1.0	ug/L	0.20	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Total HAA9	31	ug/L	0.20	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Tribromoacetic acid	ND	ug/L	2.0	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	Trichloroacetic acid	14	ug/L	0.50	1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	1,2,3-Trichloropropane	100	%		1
05/19/20	05/20/20 17:37	1249374	1249812	(EPA 552.3)	2,3-Dibromopropionic acid	93	%		1
11943-SITE6-SW Fairway Drive (202005080122)						Sampled on 05/07/2020 1040			
Sample Type: DS									
Sample Event: SEH4									
Facility ID: 11943									
Sample Point ID: SITE6									
PWSID: OR4100660									
EPA 552.3 - UCMR4 552.3									
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Bromochloroacetic acid	0.46	ug/L	0.30	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Bromodichloroacetic acid	0.60	ug/L	0.50	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Chlorodibromoacetic acid	ND	ug/L	0.30	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Dibromoacetic acid	ND	ug/L	0.30	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Dichloroacetic acid	16	ug/L	0.20	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Monobromoacetic acid	ND	ug/L	0.30	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Monochloroacetic acid	ND	ug/L	2.0	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Total HAA5	30	ug/L	0.20	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Total HAA6Br	1.1	ug/L	0.20	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Total HAA9	31	ug/L	0.20	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Tribromoacetic acid	ND	ug/L	2.0	1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	Trichloroacetic acid	14	ug/L	0.50	1

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 1 800 566 LABS (1 800 566 5227)

Report: 870119
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:
 05/08/2020 1330

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	1,2,3-Trichloropropane	103	%		1
05/19/20	05/20/20 18:15	1249374	1249812	(EPA 552.3)	2,3-Dibromopropionic acid	101	%		1

11942-SITE3-SW Kennedy Street (202005080123)

Sampled on 05/07/2020 1050

Sample Type: DS
 Sample Event: SEH4
 Facility ID: 11942
 Sample Point ID: SITE3
 PWSID: OR4100660

EPA 552.3 - UCMR4 552.3

05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Bromochloroacetic acid	0.34	ug/L	0.30	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Bromodichloroacetic acid	0.52	ug/L	0.50	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Chlorodibromoacetic acid	ND	ug/L	0.30	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Dibromoacetic acid	ND	ug/L	0.30	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Dichloroacetic acid	12	ug/L	0.20	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Monobromoacetic acid	ND	ug/L	0.30	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Monochloroacetic acid	ND	ug/L	2.0	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Total HAA5	24	ug/L	0.20	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Total HAA6Br	0.86	ug/L	0.20	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Total HAA9	25	ug/L	0.20	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Tribromoacetic acid	ND	ug/L	2.0	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	Trichloroacetic acid	12	ug/L	0.50	1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	1,2,3-Trichloropropane	102	%		1
05/19/20	05/20/20 18:52	1249374	1249812	(EPA 552.3)	2,3-Dibromopropionic acid	103	%		1

11941-SITE7-SW Poplar Street (202005080124)

Sampled on 05/07/2020 1100

Sample Type: DS
 Sample Event: SEH4
 Facility ID: 11941
 Sample Point ID: SITE7
 PWSID: OR4100660

EPA 552.3 - UCMR4 552.3

05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Bromochloroacetic acid	0.46	ug/L	0.30	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Bromodichloroacetic acid	ND	ug/L	0.50	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Chlorodibromoacetic acid	ND	ug/L	0.30	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Dibromoacetic acid	ND	ug/L	0.30	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Dichloroacetic acid	16	ug/L	0.20	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Monobromoacetic acid	ND	ug/L	0.30	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Monochloroacetic acid	ND	ug/L	2.0	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Total HAA5	30	ug/L	0.20	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Total HAA6Br	0.46	ug/L	0.20	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Total HAA9	30	ug/L	0.20	1

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Laboratory Data

Report: 870119
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:
 05/08/2020 1330

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Tribromoacetic acid	ND	ug/L	2.0	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	Trichloroacetic acid	14	ug/L	0.50	1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	1,2,3-Trichloropropane	102	%		1
05/20/20	05/21/20 06:44	1249819	1250190	(EPA 552.3)	2,3-Dibromopropionic acid	103	%		1

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Report: 870119
Project: UCMR4
Group: AM2-DS-OR4100660-West Slope
Water District

West Slope Water District

UCMR4 552.3

Prep Batch: 1249374 Analytical Batch: 1249812

202005080121	11944-SITE1-SW Sylvan Court
202005080122	11943-SITE6-SW Fairway Drive
202005080123	11942-SITE3-SW Kennedy Street

Analysis Date: 05/20/2020

Analyzed by: A4H

Analyzed by: A4H

Analyzed by: A4H

UCMR4 552.3

Prep Batch: 1249819 Analytical Batch: 1250190

202005080124	11941-SITE7-SW Poplar Street
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Analysis Date: 05/21/2020

Analyzed by: A4H

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Report: 870119
 Project: UCMR4
 Group: AM2-DS-OR4100660-West Slope
 Water District

West Slope Water District

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
UCMR4 552.3 by EPA 552.3									
Prep Batch: 1249374 Analytical Batch: 1249812					Analysis Date: 05/20/2020				
CCCH	1,2,3-Trichloropropane (S)			102	%	102	(50-150)		
CCCM	1,2,3-Trichloropropane (S)			99.3	%	99	(50-150)		
LCS1	1,2,3-Trichloropropane (S)			100	%	100	(50-150)		
MBLK	1,2,3-Trichloropropane (S)			102	%	102	(50-150)		
MRL_CHK	1,2,3-Trichloropropane (S)			99.1	%	99	(50-150)		
MS2_202005070432	1,2,3-Trichloropropane (S)			102	%	102	(50-150)		
MSD2_202005070432	1,2,3-Trichloropropane (S)			102	%	103	(50-150)		
CCCH	2,3-Dibromopropionic acid (S)			91.8	%	92	(70-130)		
CCCM	2,3-Dibromopropionic acid (S)			96.4	%	96	(70-130)		
LCS1	2,3-Dibromopropionic acid (S)			92.3	%	92	(70-130)		
MBLK	2,3-Dibromopropionic acid (S)			99.4	%	99	(70-130)		
MRL_CHK	2,3-Dibromopropionic acid (S)			101	%	101	(70-130)		
MS2_202005070432	2,3-Dibromopropionic acid (S)			105	%	105	(50-150)		
MSD2_202005070432	2,3-Dibromopropionic acid (S)			105	%	105	(50-150)		
CCCH	Bromochloroacetic acid		6	5.53	ug/L	92	(70-130)		
CCCM	Bromochloroacetic acid		3	2.94	ug/L	98	(70-130)		
LCS1	Bromochloroacetic acid		3	3.03	ug/L	101	(70-130)		
MBLK	Bromochloroacetic acid			<0.1	ug/L				
MRL_CHK	Bromochloroacetic acid		0.3	0.300	ug/L	100	(50-150)		
MS2_202005070432	Bromochloroacetic acid	4.5	0.3	4.96	ug/L	157	(50-150)		
MSD2_202005070432	Bromochloroacetic acid	4.5	0.3	4.92	ug/L	144	(50-150)	50	0.72
CCCH	Bromodichloroacetic acid		10	10.2	ug/L	103	(70-130)		
CCCM	Bromodichloroacetic acid		5	5.05	ug/L	101	(70-130)		
LCS1	Bromodichloroacetic acid		5	5.43	ug/L	109	(70-130)		
MBLK	Bromodichloroacetic acid			<0.17	ug/L				
MRL_CHK	Bromodichloroacetic acid		0.5	0.561	ug/L	112	(50-150)		
MS2_202005070432	Bromodichloroacetic acid	2.9	0.5	3.37	ug/L	102	(50-150)		
MSD2_202005070432	Bromodichloroacetic acid	2.9	0.5	3.48	ug/L	123	(50-150)	50	3.1
CCCH	Chlorodibromoacetic acid		6	6.27	ug/L	104	(70-130)		
CCCM	Chlorodibromoacetic acid		3	3.03	ug/L	101	(70-130)		
LCS1	Chlorodibromoacetic acid		3	3.06	ug/L	102	(70-130)		
MBLK	Chlorodibromoacetic acid			<0.1	ug/L				
MRL_CHK	Chlorodibromoacetic acid		0.3	0.365	ug/L	122	(50-150)		
MS2_202005070432	Chlorodibromoacetic acid	2.0	0.3	2.26	ug/L	86	(50-150)		
MSD2_202005070432	Chlorodibromoacetic acid	2.0	0.3	2.31	ug/L	105	(50-150)	50	2.3

Spike recovery is already corrected for native results.
 Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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 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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Report: 870119
 Project: UCMR4
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 Water District

West Slope Water District

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
CCCH	Dibromoacetic acid		6	5.66	ug/L	94	(70-130)		
CCCM	Dibromoacetic acid		3	3.20	ug/L	107	(70-130)		
LCS1	Dibromoacetic acid		3	2.98	ug/L	99	(70-130)		
MBLK	Dibromoacetic acid			<0.1	ug/L				
MRL_CHK	Dibromoacetic acid		0.3	0.254	ug/L	85	(50-150)		
MS2_202005070432	Dibromoacetic acid	2.4	0.3	2.80	ug/L	124	(50-150)		
MSD2_202005070432	Dibromoacetic acid	2.4	0.3	2.76	ug/L	109	(50-150)	50	1.6
CCCH	Dichloroacetic acid		4	3.47	ug/L	87	(70-130)		
CCCM	Dichloroacetic acid		2	1.97	ug/L	98	(70-130)		
LCS1	Dichloroacetic acid		2	1.99	ug/L	100	(70-130)		
MBLK	Dichloroacetic acid			<0.067	ug/L				
MRL_CHK	Dichloroacetic acid		0.2	0.236	ug/L	118	(50-150)		
MS2_202005070432	Dichloroacetic acid	6.7	0.2	7.04	ug/L	174	(50-150)		
MSD2_202005070432	Dichloroacetic acid	6.7	0.2	7.03	ug/L	167	(50-150)	50	0.20
CCCH	Monobromoacetic acid		6	5.52	ug/L	92	(70-130)		
CCCM	Monobromoacetic acid		3	3.23	ug/L	108	(70-130)		
LCS1	Monobromoacetic acid		3	3.11	ug/L	104	(70-130)		
MBLK	Monobromoacetic acid			<0.1	ug/L				
MRL_CHK	Monobromoacetic acid		0.3	0.303	ug/L	101	(50-150)		
MS2_202005070432	Monobromoacetic acid	0.59	0.3	0.876	ug/L	95	(50-150)		
MSD2_202005070432	Monobromoacetic acid	0.59	0.3	0.842	ug/L	84	(50-150)	50	3.9
CCCH	Monochloroacetic acid		40	35.9	ug/L	90	(70-130)		
CCCM	Monochloroacetic acid		20	21.7	ug/L	108	(70-130)		
LCS1	Monochloroacetic acid		20	20.9	ug/L	105	(70-130)		
MBLK	Monochloroacetic acid			<0.67	ug/L				
MRL_CHK	Monochloroacetic acid		2	1.96	ug/L	98	(50-150)		
MS2_202005070432	Monochloroacetic acid	ND	2	3.39	ug/L	96	(50-150)		
MSD2_202005070432	Monochloroacetic acid	ND	2	3.39	ug/L	96	(50-150)	50	0.097
CCCH	Total HAA5		66	59.9	ug/L	91	(70-130)		
CCCM	Total HAA5		33	34.6	ug/L	105	(70-130)		
LCS1	Total HAA5		33	33.8	ug/L	102	(70-130)		
MBLK	Total HAA5			<0.1	ug/L				
MRL_CHK	Total HAA5		3.3	3.21	ug/L	97	(50-150)		
MS2_202005070432	Total HAA5	12	3.3	17.2	ug/L	150	(50-150)		
MSD2_202005070432	Total HAA5	12	3.3	17.2	ug/L	150	(50-150)	50	0.21
CCCH	Total HAA6Br		74	74.9	ug/L	101	(70-130)		
CCCM	Total HAA6Br		37	37.2	ug/L	101	(70-130)		
LCS1	Total HAA6Br		37	36.7	ug/L	99	(70-130)		

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 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).
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Report: 870119
Project: UCMR4
Group: AM2-DS-OR4100660-West Slope Water District

West Slope Water District

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MBLK	Total HAA6Br			<0.1	ug/L				
MRL_CHK	Total HAA6Br		3.7	4.36	ug/L	118	(50-150)		
MS2_202005070432	Total HAA6Br	14	3.6	17.4	ug/L	84	(50-150)		
MSD2_202005070432	Total HAA6Br	14	3.6	17.5	ug/L	87	(50-150)	50	0.54
CCCH	Total HAA9		140	124	ug/L	88	(70-130)		
CCCM	Total HAA9		70	65.4	ug/L	94	(70-130)		
LCS1	Total HAA9		70	64.4	ug/L	92	(70-130)		
MBLK	Total HAA9			<0.1	ug/L				
MRL_CHK	Total HAA9		7	7.01	ug/L	100	(50-150)		
MS2_202005070432	Total HAA9	24	6.4	31.0	ug/L	114	(50-150)		
MSD2_202005070432	Total HAA9	24	6.4	31.2	ug/L	117	(50-150)	50	0.79
CCCH	Tribromoacetic acid		40	41.6	ug/L	104	(70-130)		
CCCM	Tribromoacetic acid		20	19.8	ug/L	99	(70-130)		
LCS1	Tribromoacetic acid		20	19.1	ug/L	95	(70-130)		
MBLK	Tribromoacetic acid			<0.67	ug/L				
MRL_CHK	Tribromoacetic acid		2	2.58	ug/L	129	(50-150)		
MS2_202005070432	Tribromoacetic acid	2.0	2	3.13	ug/L	54	(50-150)		
MSD2_202005070432	Tribromoacetic acid	2.0	2	3.22	ug/L	59	(50-150)	50	2.9
CCCH	Trichloroacetic acid		10	9.39	ug/L	94	(70-130)		
CCCM	Trichloroacetic acid		5	4.50	ug/L	90	(70-130)		
LCS1	Trichloroacetic acid		5	4.84	ug/L	97	(70-130)		
MBLK	Trichloroacetic acid			<0.17	ug/L				
MRL_CHK	Trichloroacetic acid		0.5	0.454	ug/L	91	(50-150)		
MS2_202005070432	Trichloroacetic acid	2.6	0.5	3.12	ug/L	99	(50-150)		
MSD2_202005070432	Trichloroacetic acid	2.6	0.5	3.21	ug/L	117	(50-150)	50	2.8

UCMR4 552.3 by EPA 552.3

Prep Batch: 1249819 Analytical Batch: 1250190

Analysis Date: 05/21/2020

CCCH	1,2,3-Trichloropropane (S)			101	%	101	(50-150)		
CCCM	1,2,3-Trichloropropane (S)			99.8	%	100	(50-150)		
LCS1	1,2,3-Trichloropropane (S)			102	%	102	(50-150)		
MBLK	1,2,3-Trichloropropane (S)			101	%	101	(50-150)		
MRL_CHK	1,2,3-Trichloropropane (S)			99.3	%	99	(50-150)		
MS1_202005080124	1,2,3-Trichloropropane (S)			101	%	101	(50-150)		
MSD1_202005080124	1,2,3-Trichloropropane (S)			102	%	102	(50-150)		
CCCH	2,3-Dibromopropionic acid (S)			103	%	103	(70-130)		
CCCM	2,3-Dibromopropionic acid (S)			94.6	%	95	(70-130)		
LCS1	2,3-Dibromopropionic acid (S)			93.0	%	93	(70-130)		

Spike recovery is already corrected for native results.

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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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Report: 870119
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 Water District

West Slope Water District

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MBLK	2,3-Dibromopropionic acid (S)			99.9	%	100	(70-130)		
MRL_CHK	2,3-Dibromopropionic acid (S)			95.6	%	96	(70-130)		
MS1_202005080124	2,3-Dibromopropionic acid (S)			98.7	%	99	(70-130)		
MSD1_202005080124	2,3-Dibromopropionic acid (S)			100	%	100	(70-130)		
CCCH	Bromochloroacetic acid		6	6.07	ug/L	101	(70-130)		
CCCM	Bromochloroacetic acid		3	2.91	ug/L	97	(70-130)		
LCS1	Bromochloroacetic acid		3	3.03	ug/L	101	(70-130)		
MBLK	Bromochloroacetic acid			<0.1	ug/L				
MRL_CHK	Bromochloroacetic acid		0.3	0.278	ug/L	93	(50-150)		
MS1_202005080124	Bromochloroacetic acid	0.46	3	3.28	ug/L	94	(70-130)		
MSD1_202005080124	Bromochloroacetic acid	0.46	3	3.29	ug/L	95	(70-130)	30	0.21
CCCH	Bromodichloroacetic acid		10	10.4	ug/L	104	(70-130)		
CCCM	Bromodichloroacetic acid		5	4.96	ug/L	99	(70-130)		
LCS1	Bromodichloroacetic acid		5	5.41	ug/L	108	(70-130)		
MBLK	Bromodichloroacetic acid			<0.17	ug/L				
MRL_CHK	Bromodichloroacetic acid		0.5	0.477	ug/L	95	(50-150)		
MS1_202005080124	Bromodichloroacetic acid	ND	5	5.46	ug/L	100	(70-130)		
MSD1_202005080124	Bromodichloroacetic acid	ND	5	5.64	ug/L	103	(70-130)	30	3.2
CCCH	Chlorodibromoacetic acid		6	6.07	ug/L	101	(70-130)		
CCCM	Chlorodibromoacetic acid		3	2.84	ug/L	95	(70-130)		
LCS1	Chlorodibromoacetic acid		3	2.98	ug/L	99	(70-130)		
MBLK	Chlorodibromoacetic acid			<0.1	ug/L				
MRL_CHK	Chlorodibromoacetic acid		0.3	0.269	ug/L	90	(50-150)		
MS1_202005080124	Chlorodibromoacetic acid	ND	3	3.10	ug/L	101	(70-130)		
MSD1_202005080124	Chlorodibromoacetic acid	ND	3	3.20	ug/L	105	(70-130)	30	3.2
CCCH	Dibromoacetic acid		6	6.18	ug/L	103	(70-130)		
CCCM	Dibromoacetic acid		3	3.24	ug/L	108	(70-130)		
LCS1	Dibromoacetic acid		3	3.12	ug/L	104	(70-130)		
MBLK	Dibromoacetic acid			<0.1	ug/L				
MRL_CHK	Dibromoacetic acid		0.3	0.277	ug/L	92	(50-150)		
MS1_202005080124	Dibromoacetic acid	ND	3	2.87	ug/L	95	(70-130)		
MSD1_202005080124	Dibromoacetic acid	ND	3	2.86	ug/L	95	(70-130)	30	0.042
CCCH	Dichloroacetic acid		4	4.06	ug/L	102	(70-130)		
CCCM	Dichloroacetic acid		2	1.96	ug/L	98	(70-130)		
LCS1	Dichloroacetic acid		2	2.08	ug/L	104	(70-130)		
MBLK	Dichloroacetic acid			<0.067	ug/L				
MRL_CHK	Dichloroacetic acid		0.2	0.101	ug/L	51	(50-150)		
MS1_202005080124	Dichloroacetic acid	16	2	18.4	ug/L	105	(70-130)		

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 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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Report: 870119
 Project: UCMR4
 Group: AM2-DS-OR4100660-West Slope
 Water District

West Slope Water District

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
MSD1_202005080124	Dichloroacetic acid	16	2	18.4	ug/L	103	(70-130)	30	0.12
CCCH	Monobromoacetic acid		6	6.08	ug/L	101	(70-130)		
CCCM	Monobromoacetic acid		3	3.01	ug/L	100	(70-130)		
LCS1	Monobromoacetic acid		3	2.96	ug/L	99	(70-130)		
MBLK	Monobromoacetic acid			<0.1	ug/L				
MRL_CHK	Monobromoacetic acid		0.3	0.281	ug/L	94	(50-150)		
MS1_202005080124	Monobromoacetic acid	ND	3	2.94	ug/L	96	(70-130)		
MSD1_202005080124	Monobromoacetic acid	ND	3	2.91	ug/L	95	(70-130)	30	1.1
CCCH	Monochloroacetic acid		40	38.9	ug/L	97	(70-130)		
CCCM	Monochloroacetic acid		20	19.3	ug/L	97	(70-130)		
LCS1	Monochloroacetic acid		20	20.3	ug/L	101	(70-130)		
MBLK	Monochloroacetic acid			<0.67	ug/L				
MRL_CHK	Monochloroacetic acid		2	2.20	ug/L	110	(50-150)		
MS1_202005080124	Monochloroacetic acid	ND	20	20.8	ug/L	95	(70-130)		
MSD1_202005080124	Monochloroacetic acid	ND	20	20.8	ug/L	95	(70-130)	30	0.11
CCCH	Total HAA5		66	65.1	ug/L	99	(70-130)		
CCCM	Total HAA5		33	32.1	ug/L	97	(70-130)		
LCS1	Total HAA5		33	33.4	ug/L	101	(70-130)		
MBLK	Total HAA5			<0.1	ug/L				
MRL_CHK	Total HAA5		3.3	3.31	ug/L	100	(50-150)		
MS1_202005080124	Total HAA5	30	33	63.6	ug/L	102	(70-130)		
MSD1_202005080124	Total HAA5	30	33	63.8	ug/L	102	(70-130)	30	0.30
CCCH	Total HAA6Br		74	76.6	ug/L	104	(70-130)		
CCCM	Total HAA6Br		37	35.5	ug/L	96	(70-130)		
LCS1	Total HAA6Br		37	35.8	ug/L	97	(70-130)		
MBLK	Total HAA6Br			<0.1	ug/L				
MRL_CHK	Total HAA6Br		3.7	3.83	ug/L	104	(50-150)		
MS1_202005080124	Total HAA6Br	0.46	37	39.8	ug/L	106	(70-130)		
MSD1_202005080124	Total HAA6Br	0.46	37	40.7	ug/L	109	(70-130)	30	2.1
CCCH	Total HAA9		140	129	ug/L	93	(70-130)		
CCCM	Total HAA9		70	61.3	ug/L	88	(70-130)		
LCS1	Total HAA9		70	63.1	ug/L	90	(70-130)		
MBLK	Total HAA9			<0.1	ug/L				
MRL_CHK	Total HAA9		7	6.59	ug/L	94	(50-150)		
MS1_202005080124	Total HAA9	30	70	97.6	ug/L	96	(70-130)		
MSD1_202005080124	Total HAA9	30	70	98.7	ug/L	98	(70-130)	30	1.1
CCCH	Tribromoacetic acid		40	41.8	ug/L	105	(70-130)		
CCCM	Tribromoacetic acid		20	18.4	ug/L	92	(70-130)		

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 RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).
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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield(%)	Limits (%)	RPD Limit(%)	RPD%
LCS1	Tribromoacetic acid		20	18.3	ug/L	91	(70-130)		
MBLK	Tribromoacetic acid			<0.67	ug/L				
MRL_CHK	Tribromoacetic acid		2	2.25	ug/L	112	(50-150)		
MS1_202005080124	Tribromoacetic acid	ND	20	22.2	ug/L	111	(70-130)		
MSD1_202005080124	Tribromoacetic acid	ND	20	22.8	ug/L	114	(70-130)	30	2.8
CCCH	Trichloroacetic acid		10	9.88	ug/L	99	(70-130)		
CCCM	Trichloroacetic acid		5	4.60	ug/L	92	(70-130)		
LCS1	Trichloroacetic acid		5	4.92	ug/L	99	(70-130)		
MBLK	Trichloroacetic acid			<0.17	ug/L				
MRL_CHK	Trichloroacetic acid		0.5	0.443	ug/L	89	(50-150)		
MS1_202005080124	Trichloroacetic acid	14	5	18.6	ug/L	90	(70-130)		
MSD1_202005080124	Trichloroacetic acid	14	5	18.8	ug/L	94	(70-130)	30	1.0

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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).

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