



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

CINCINNATI, OHIO 45268

Office of Ground Water and Drinking Water

August 20, 2014

Re: UCMR3 Data Report

Dear UCMR Contact:

Enclosed you will find the data resulting from the analyses of samples collected under the third cycle of the Unregulated Contaminant Monitoring Regulation (UCMR3). The information presented should be self-explanatory, but there are clarifying points in the footnotes of the data report.

A copy of these results has been sent to your state. Please remember that if you are a community water system (CWS), then any positive results (i.e., results at or above the minimum reporting levels) must be reported in your Consumer Confidence Report (CCR). All systems must notify persons they serve of the availability of UCMR results.

EPA's Technical Support Center has reviewed all the quality control checks associated with these results. Should you have any questions concerning these results, please contact our implementation support contractor, Great Lakes Environmental Center (GLEC), at 1-800-949-1581 within 30 days of receiving this letter. Thereafter, these data will be considered final and will be forwarded to EPA's National Contaminant Drinking Water Occurrence Database (NCOD). Thank you for your continued cooperation with UCMR3.

Sincerely,

A handwritten signature in black ink that reads "Gregory J. Carroll".

Gregory J. Carroll, Director  
Technical Support Center

Enclosure

# Unregulated Contaminant Monitoring Rule (UCMR3) Data Report Assessment Monitoring

PWS ID/Name	OR4100792	City of Scappoose		
Sample Event Code/Sample Schedule	SE2	June, 2013		
Facility ID/Name	90001	Keys Road		
Sample Point ID/Type/Name	EP001	EP	Entry Point A	
Disinfectant Type <sup>1</sup>	CLOF			

101542Q	EPA 200.8	chromium	6/12/2013	<0.2
101542Q	EPA 200.8	cobalt	6/12/2013	<1
101542Q	EPA 200.8	germanium	6/12/2013	<1
101542Q	EPA 200.8	manganese	6/12/2013	=1.4
101542Q	EPA 200.8	molybdenum	6/12/2013	<1
101542Q	EPA 200.8	strontium	6/12/2013	=44
101542Q	EPA 200.8	tellurium	6/12/2013	<1
101542Q	EPA 200.8	vanadium	6/12/2013	=2.1
101542Q	EPA 218.7	chromium-6	6/12/2013	=0.031
101542Q	EPA 300.1	chlorate	6/12/2013	=88
101542Q	EPA 522	1,4-dioxane	6/12/2013	<0.07
101542Q	EPA 524.3	1,1-dichloroethane	6/12/2013	<0.03
101542Q	EPA 524.3	1,2,3-trichloropropane	6/12/2013	<0.03
101542Q	EPA 524.3	1,3-butadiene	6/12/2013	<0.1
101542Q	EPA 524.3	bromomethane	6/12/2013	<0.2
101542Q	EPA 524.3	chloromethane	6/12/2013	<0.2
101542Q	EPA 524.3	Halon 1011	6/12/2013	<0.06
101542Q	EPA 524.3	HCFC-22	6/12/2013	<0.08
101542Q	EPA 524.3	n-propylbenzene	6/12/2013	<0.03
101542Q	EPA 524.3	sec-butylbenzene	6/12/2013	<0.04
101542Q	EPA 537	PFBS	6/12/2013	<0.09
101542Q	EPA 537	PFHpA	6/12/2013	<0.01
101542Q	EPA 537	PFHxS	6/12/2013	<0.03
101542Q	EPA 537	PFNA	6/12/2013	<0.02
101542Q	EPA 537	PFOA	6/12/2013	<0.02
101542Q	EPA 537	PFOS	6/12/2013	<0.04

## Unregulated Contaminant Monitoring Rule (UCMR3) Data Report Assessment Monitoring

PWS ID/Name	OR4100792	City of Scappoose
Sample Event Code/Sample Schedule	SE3	September, 2013
Facility ID/Name	90001	Keys Road
Sample Point ID/Type/Name	EP001	EP Entry Point A
Disinfectant Type <sup>1</sup>	CLOF, CLON	

102150P	EPA 200.8	chromium	9/16/2013	<0.2
102150P	EPA 200.8	cobalt	9/16/2013	<1
102150P	EPA 200.8	germanium	9/16/2013	<1
102150P	EPA 200.8	manganese	9/16/2013	=1.469
102150P	EPA 200.8	molybdenum	9/16/2013	<1
102150P	EPA 200.8	strontium	9/16/2013	=55.505
102150P	EPA 200.8	tellurium	9/16/2013	<1
102150P	EPA 200.8	vanadium	9/16/2013	=2.727
102150P	EPA 218.7	chromium-6	9/16/2013	<0.03
102150P	EPA 300.1	chlorate	9/16/2013	=77.114
102150P	EPA 522	1,4-dioxane	9/16/2013	<0.07
102150P	EPA 524.3	1,1-dichloroethane	9/16/2013	<0.03
102150P	EPA 524.3	1,2,3-trichloropropane	9/16/2013	<0.03
102150P	EPA 524.3	1,3-butadiene	9/16/2013	<0.1
102150P	EPA 524.3	bromomethane	9/16/2013	<0.2
102150P	EPA 524.3	chloromethane	9/16/2013	<0.2
102150P	EPA 524.3	Halon 1011	9/16/2013	<0.06
102150P	EPA 524.3	HCFC-22	9/16/2013	<0.08
102150P	EPA 524.3	n-propylbenzene	9/16/2013	<0.03
102150P	EPA 524.3	sec-butylbenzene	9/16/2013	<0.04
102150P	EPA 537	PFBS	9/16/2013	<0.09
102150P	EPA 537	PFHpA	9/16/2013	<0.01
102150P	EPA 537	PFHxS	9/16/2013	<0.03
102150P	EPA 537	PFNA	9/16/2013	<0.02
102150P	EPA 537	PFOA	9/16/2013	<0.02
102150P	EPA 537	PFOS	9/16/2013	<0.04

## Unregulated Contaminant Monitoring Rule (UCMR3) Data Report Assessment Monitoring

Facility ID/Name	90002	Miller Road		
Sample Point ID/Type/Name	EP002	EP	Entry Point B	
Disinfectant Type <sup>1</sup>	CLON			

Sample Point ID	EPA Code	Contaminant Name	Date	Concentration
102151P	EPA 200.8	chromium	9/16/2013	<0.2
102151P	EPA 200.8	cobalt	9/16/2013	<1
102151P	EPA 200.8	germanium	9/16/2013	<1
102151P	EPA 200.8	manganese	9/16/2013	=1.152
102151P	EPA 200.8	molybdenum	9/16/2013	<1
102151P	EPA 200.8	strontium	9/16/2013	=88.235
102151P	EPA 200.8	tellurium	9/16/2013	<1
102151P	EPA 200.8	vanadium	9/16/2013	<0.2
102151P	EPA 218.7	chromium-6	9/16/2013	<0.03
102151P	EPA 300.1	chlorate	9/16/2013	=99.029
102151P	EPA 522	1,4-dioxane	9/16/2013	<0.07
102151P	EPA 524.3	1,1-dichloroethane	9/16/2013	<0.03
102151P	EPA 524.3	1,2,3-trichloropropane	9/16/2013	<0.03
102151P	EPA 524.3	1,3-butadiene	9/16/2013	<0.1
102151P	EPA 524.3	bromomethane	9/16/2013	<0.2
102151P	EPA 524.3	chloromethane	9/16/2013	<0.2
102151P	EPA 524.3	Halon 1011	9/16/2013	<0.06
102151P	EPA 524.3	HCFC-22	9/16/2013	<0.08
102151P	EPA 524.3	n-propylbenzene	9/16/2013	<0.03
102151P	EPA 524.3	sec-butylbenzene	9/16/2013	<0.04
102151P	EPA 537	PFBS	9/16/2013	<0.09
102151P	EPA 537	PFHpA	9/16/2013	<0.01
102151P	EPA 537	PFHxS	9/16/2013	<0.03
102151P	EPA 537	PFNA	9/16/2013	<0.02
102151P	EPA 537	PFOA	9/16/2013	<0.02
102151P	EPA 537	PFOS	9/16/2013	<0.04

## Unregulated Contaminant Monitoring Rule (UCMR3) Data Report Assessment Monitoring

Facility ID/Name	<b>99001</b>	<b>Distribution System - MX</b>		
Sample Point ID/Type/Name	<b>MR001</b>	<b>MR</b>	<b>29775 Dutch Canyon Road</b>	
Disinfectant Type <sup>1</sup>	<b>CLOF, CLON</b>			

302071P	EPA 200.8	chromium	9/17/2013	<0.2
302071P	EPA 200.8	cobalt	9/17/2013	<1
302071P	EPA 200.8	germanium	9/17/2013	<1
302071P	EPA 200.8	manganese	9/17/2013	=2.59
302071P	EPA 200.8	molybdenum	9/17/2013	<1
302071P	EPA 200.8	strontium	9/17/2013	=54.753
302071P	EPA 200.8	tellurium	9/17/2013	<1
302071P	EPA 200.8	vanadium	9/17/2013	=2.697
302071P	EPA 218.7	chromium-6	9/17/2013	<0.03
302071P	EPA 300.1	chlorate	9/17/2013	=66.009

Facility ID/Name	<b>99002</b>	<b>Distribution System - GW</b>		
Sample Point ID/Type/Name	<b>MR002</b>	<b>MR</b>	<b>34100 Skyway Lane</b>	
Disinfectant Type <sup>1</sup>	<b>CLOF, CLON</b>			

302072P	EPA 200.8	chromium	9/17/2013	<0.2
302072P	EPA 200.8	cobalt	9/17/2013	<1
302072P	EPA 200.8	germanium	9/17/2013	<1
302072P	EPA 200.8	manganese	9/17/2013	<1
302072P	EPA 200.8	molybdenum	9/17/2013	<1
302072P	EPA 200.8	strontium	9/17/2013	=77.537
302072P	EPA 200.8	tellurium	9/17/2013	<1
302072P	EPA 200.8	vanadium	9/17/2013	=0.295
302072P	EPA 218.7	chromium-6	9/17/2013	<0.03
302072P	EPA 300.1	chlorate	9/17/2013	=166.157

# Unregulated Contaminant Monitoring Rule (UCMR3) Data Report Assessment Monitoring

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<sup>1</sup>Disinfectant types were collected for EPA Method 300.1: Gaseous Chlorine (CLGA), Offsite Generated Hypochlorite (CLOF), Onsite Generated Hypochlorite (CLON), Chloramine-formed from gaseous chlorine (CAGC), Chloramine-formed from offsite hypochlorite (CAOF), Chloramine-formed from onsite hypochlorite (CAON), Chlorine Dioxide (CLDO), Ozone (OZON), Ultraviolet Light (ULVL), Other (OTHD), No Disinfectant Used (NODU).

<sup>2</sup>In addition to reporting occurrence data for UCMR3 target analytes, EPA tasked its small-system contract-support laboratories with reporting results for sec-butylbenzene, n-propylbenzene, tellurium, germanium, and manganese. These additional unregulated analytes are within the scope of the methods already being performed for the UCMR analytes. The CCR reporting requirement does not apply to these additional analytes.

<sup>3</sup>Results less than the minimum reporting level (MRL) are displayed with a less than sign (<) and the MRL. Reported values equal to or greater than the MRL are displayed with an equal sign (=) and the reported value from the laboratory. No data reportable (NDR) indicates that EPA could not obtain valid data for this contaminant during the scheduled sampling event.

<sup>4</sup>A detection of a UCMR3 analyte above the MRL does not represent cause for concern, in itself. The implications of the detection should be judged considering health effects information, which is often still under development or being refined for unregulated contaminants. For more information on occurrence data consult "UCMR 3 Data Considerations, Definitions, Reference Concentrations and Summary PDF" at <http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/data.cfm#ucmr2013>.

## Unregulated Contaminant Monitoring Rule (UCMR3) Data Report Assessment Monitoring

PWS ID/Name	OR4100792	City of Scappoose
Sample Event Code/Sample Schedule	SE4	December, 2013
Facility ID/Name	90001	Keys Road
Sample Point ID/Type/Name	EP001	EP Entry Point A
Disinfectant Type <sup>1</sup>	CLOF, CLON	

102863Q	EPA 200.8	chromium	12/10/2013	<0.2
102863Q	EPA 200.8	cobalt	12/10/2013	<1
102863Q	EPA 200.8	germanium	12/10/2013	<1
102863Q	EPA 200.8	manganese	12/10/2013	=2.79
102863Q	EPA 200.8	molybdenum	12/10/2013	<1
102863Q	EPA 200.8	strontium	12/10/2013	=49.2
102863Q	EPA 200.8	tellurium	12/10/2013	<1
102863Q	EPA 200.8	vanadium	12/10/2013	=1.71
102863Q	EPA 218.7	chromium-6	12/10/2013	=0.0492
102863Q	EPA 300.1	chlorate	12/10/2013	=85.5
102863Q	EPA 522	1,4-dioxane	12/10/2013	<0.07
102863Q	EPA 524.3	1,1-dichloroethane	12/10/2013	<0.03
102863Q	EPA 524.3	1,2,3-trichloropropane	12/10/2013	<0.03
102863Q	EPA 524.3	1,3-butadiene	12/10/2013	<0.1
102863Q	EPA 524.3	bromomethane	12/10/2013	<0.2
102863Q	EPA 524.3	chloromethane	12/10/2013	<0.2
102863Q	EPA 524.3	Halon 1011	12/10/2013	<0.06
102863Q	EPA 524.3	HCFC-22	12/10/2013	<0.08
102863Q	EPA 524.3	n-propylbenzene	12/10/2013	<0.03
102863Q	EPA 524.3	sec-butylbenzene	12/10/2013	<0.04
102863Q	EPA 537	PFBS	12/10/2013	<0.09
102863Q	EPA 537	PFHpA	12/10/2013	<0.01
102863Q	EPA 537	PFHxS	12/10/2013	<0.03
102863Q	EPA 537	PFNA	12/10/2013	<0.02
102863Q	EPA 537	PFOA	12/10/2013	<0.02
102863Q	EPA 537	PFOS	12/10/2013	<0.04

# Unregulated Contaminant Monitoring Rule (UCMR3) Data Report Assessment Monitoring

Facility ID/Name	99001	Distribution System - MX		
Sample Point ID/Type/Name	MR001	MR	29775 Dutch Canyon Road	
Disinfectant Type <sup>1</sup>	CLOF, CLON			

302796P	EPA 200.8	chromium	12/11/2013	<0.2
302796P	EPA 200.8	cobalt	12/11/2013	<1
302796P	EPA 200.8	germanium	12/11/2013	<1
302796P	EPA 200.8	manganese	12/11/2013	<1
302796P	EPA 200.8	molybdenum	12/11/2013	<1
302796P	EPA 200.8	strontium	12/11/2013	=53.3
302796P	EPA 200.8	tellurium	12/11/2013	<1
302796P	EPA 200.8	vanadium	12/11/2013	=2.29
302796P	EPA 218.7	chromium-6	12/11/2013	<0.03
302796P	EPA 300.1	chlorate	12/11/2013	=67.7

<sup>1</sup>Disinfectant types were collected for EPA Method 300.1: Gaseous Chlorine (CLGA), Offsite Generated Hypochlorite (CLOF), Onsite Generated Hypochlorite (CLON), Chloramine-formed from gaseous chlorine (CAGC), Chloramine-formed from offsite hypochlorite (CAOF), Chloramine-formed from onsite hypochlorite (CAON), Chlorine Dioxide (CLDO), Ozone (OZON), Ultraviolet Light (ULVL), Other (OTHD), No Disinfectant Used (NODU).

<sup>2</sup>In addition to reporting occurrence data for UCMR3 target analytes, EPA tasked its small-system contract-support laboratories with reporting results for sec-butylbenzene, n-propylbenzene, tellurium, germanium, and manganese. These additional unregulated analytes are within the scope of the methods already being performed for the UCMR analytes. The CCR reporting requirement does not apply to these additional analytes.

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<sup>4</sup>A detection of a UCMR3 analyte above the MRL does not represent cause for concern, in itself. The implications of the detection should be judged considering health effects information, which is often still under development or being refined for unregulated contaminants. For more information on occurrence data consult "UCMR 3 Data Considerations, Definitions, Reference Concentrations and Summary PDF" at <http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/data.cfm#ucmr2013>.



# Unregulated Contaminant Monitoring Rule (UCMR3) Data Report Assessment Monitoring

Facility ID/Name	99001	Distribution System - MX
Sample Point ID/Type/Name	MR001	MR 29775 Dutch Canyon Road
Disinfectant Type <sup>1</sup>	CLOF, CLON	

301476P	EPA 200.8	chromium	6/12/2013	<0.2
301476P	EPA 200.8	cobalt	6/12/2013	<1
301476P	EPA 200.8	germanium	6/12/2013	<1
301476P	EPA 200.8	manganese	6/12/2013	<1
301476P	EPA 200.8	molybdenum	6/12/2013	<1
301476P	EPA 200.8	strontium	6/12/2013	=44
301476P	EPA 200.8	tellurium	6/12/2013	<1
301476P	EPA 200.8	vanadium	6/12/2013	=1.6
301476P	EPA 218.7	chromium-6	6/12/2013	=0.044
301476P	EPA 300.1	chlorate	6/12/2013	=66

<sup>1</sup>Disinfectant types were collected for EPA Method 300.1: Gaseous Chlorine (CLGA), Offsite Generated Hypochlorite (CLOF), Onsite Generated Hypochlorite (CLON), Chloramine-formed from gaseous chlorine (CAGC), Chloramine-formed from offsite hypochlorite (CAOF), Chloramine-formed from onsite hypochlorite (CAON), Chlorine Dioxide (CLDO), Ozone (OZON), Ultraviolet Light (ULVL), Other (OTHD), No Disinfectant Used (NODU).

<sup>2</sup>In addition to reporting occurrence data for UCMR3 target analytes, EPA tasked its small-system contract-support laboratories with reporting results for sec-butylbenzene, n-propylbenzene, tellurium, germanium, and manganese. These additional unregulated analytes are within the scope of the methods already being performed for the UCMR analytes. The CCR reporting requirement does not apply to these additional analytes.

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