

Cyuamuca #10530089 Water System

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Your water is supplied by two drinking water wells

Source water assessment and its availability

None required

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants,

including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

Through conservation and reporting any suspicious leaks or problems in the water system

Description of Water Treatment Process

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

Cross Connection Control Survey

The purpose of this survey is to determine whether a cross-connection may exist at your home or business. A cross connection is an unprotected or improper connection to a public water distribution system that may cause contamination or pollution to enter the system. We are responsible for enforcing cross-connection control regulations and insuring that no contaminants can, under any flow conditions, enter the distribution system. If you have any of the devices listed below please contact us so that we can discuss the issue, and if needed, survey your connection and assist you in isolating it if that is necessary.

- Boiler/ Radiant heater (water heaters not included)
- Underground lawn sprinkler system
- Pool or hot tub (whirlpool tubs not included)
- Additional source(s) of water on the property
- Decorative pond
- Watering trough

Monitoring and reporting of compliance data violations

EPA requires THHM and HAA5 contaminants to be tested during the month of August, this testing was not completed until October the lab results were negative and there is NO CONTAMINATION of your drinking water, this was a minor reporting violation and not a safety issue.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant

women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Cuyamuca Water System #105300089 is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Unit Descriptions	
Term	Definition
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	Definition
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

For more information please contact:

Contact Name: Tom Arnbrister

Address:

4820 She-Nah-Num Dr

Olympia, WA 98513

Phone: 360-456-5221

Fax: 360-459-0834

E-Mail: arnbrister.tom@nisqually-nsn.gov



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

**SYNTHETIC ORGANIC CHEMICALS (SOC's) ANALYSIS REPORT
EPA TEST METHOD - EPA 1613B**

System ID No.: N/A		System Name: Cuyamaca	
Lab/Sample No.: 08982728		Date Collected: 10/22/13	DOH Source No.: N/A
Multiple Source Nos.: N/A		Sample Type: A	Sample Purpose: C
Date Received: 10/22/13	Date Analyzed: 11/04/13		Analyst: PA
Date Extracted: 11/01/13	Date Reported: 11/19/13		Supervisor: <i>amb</i>
County: Thurston		Group: A	
Sample Location: Combined Sources (NC-09.1 - NC-09.2), Wellhouse Tap			
Send To: Nisqually Tribe 4820 She-Nah-Num Dr SE Olympia, WA 98513		Remarks: EPA #105300089	

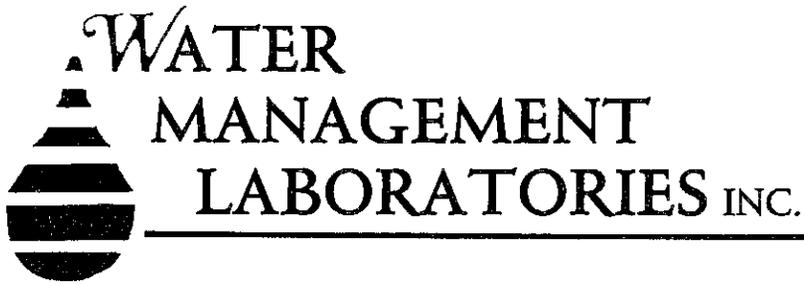
DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXCEEDS		
EPA REGULATED								Trigger?	MCL?
149	2,3,7,8-TCDD	ND	pg/L	5.0		30		NO	

NOTES:

SRL (State Reporting Level): Indicates the minimum reporting level required by the Washington Department of Health (DOH).
 Trigger Level: DOH Drinking Water response level. Systems with compounds detected at concentrations in excess of this level are required to take additional samples. Contact your regional DOH office for further information.
 MCL (Maximum Contaminant Level): If the contaminant amount exceeds the MCL, immediately contact your regional DOH office.
 NA (Not Analyzed): In the RESULTS column indicates this compound was not included in the current analysis.
 ND (Not Detected): In the RESULTS column indicates this compound was analyzed and not detected at a level greater than or equal to the SRL
 < : Indicates less than.

Comments :

PA No.: 10247008
 WA LAB No.: C755
 Method 1613B: Dioxin



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

SYNTHETIC ORGANIC CHEMICALS (SOC's) ANALYSIS REPORT
EPA TEST METHOD - EPA 504.1
WA DOH TEST PANEL: FUMIGANT

System ID No.: N/A		System Name: Cuyamaca	
Lab/Sample No.: 08982728		Date Collected: 10/22/13	DOH Source No.: N/A
Multiple Source Nos.: N/A		Sample Type: A	Sample Purpose: C
Date Received: 10/22/13	Date Analyzed: 10/23/13	Analyst: RL	
Date Extracted: 10/22/13	Date Reported: 10/30/13	Supervisor: <i>MB</i>	
County: Thurston		Group: A	
Sample Location: Wellhouse Sample Tap (NC - 09.1 - NC - 09.2)			
Send To: Nisqually Tribe 4820 She-Nah-Num Drive SE Olympia, WA 98513		Remarks: EPA# 105300089	

DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXCEEDS	
EPA REGULATED							Trigger?	MCL?
102	EDB	ND	ug/L	0.02	0.02	0.05	NO	NO
103	DBCP	ND	ug/L	0.04	0.04	0.20	NO	NO
EPA UNREGULATED								
79	1,2,3-Trichloropropane	ND	ug/L	0.50	0.50	21*	NO	NO

NOTES:

SRL (State Reporting Level): Indicates the minimum reporting level required by the Washington Department of Health (DOH).

Trigger Level: DOH Drinking Water response level.

MCL (Maximum Contaminant Level): If the contaminant amount exceeds the MCL, immediately contact your regional DOH office.

NA (Not Analyzed): In the RESULTS column indicates this compound was not included in the current analysis.

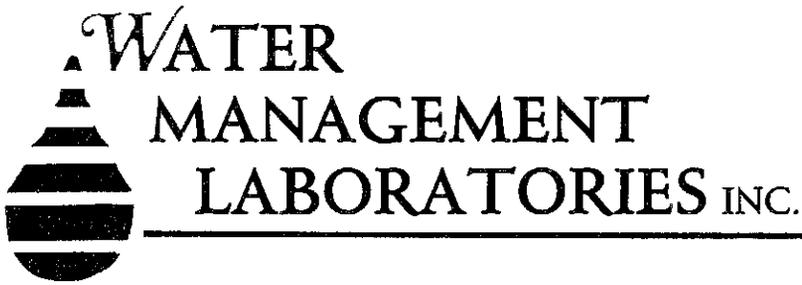
ND (Not Detected): In the RESULTS column indicates this compound was analyzed and not detected at a level greater than or equal to the SRL.

< : Indicates less than.

* THE EPA DOES NOT HAVE AN MCL FOR THIS COMPOUND, THIS IS A STATE ADVISORY LEVEL.

Comments :

Method 504: EDB/DBCP



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

**SYNTHETIC ORGANIC CHEMICALS (SOC's) ANALYSIS REPORT
EPA TEST METHOD - EPA 515.1
WA DOH TEST PANEL: HERB1**

System ID No.: N/A		System Name: Cuyamaca	
Lab/Sample No.: 08982728		Date Collected: 10/22/13	
Multiple Source Nos.: N/A		Sample Type: A	
Date Received: 10/22/13		Date Analyzed: 10/30/13	
Date Extracted: 10/29/13		Date Reported: 10/30/13	
County: Thurston		Group: A	
Sample Location: Combined Sources Well Tap (NC-09.1 - NC-09.2), Wellhouse			
Send To: Nisqually Tribe 4820 She-Nah-Num Drive Olympia, WA 98513		Remarks: EPA# 105300089	

DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXCEEDS	
EPA REGULATED							Trigger?	MCL?
37	2,4 - D	ND	ug/L	0.5	0.5	70	NO	NO
38	2,4,5 - TP (Silvex)	ND	ug/L	1.0	1.0	50	NO	NO
134	Pentachlorophenol	ND	ug/L	0.20	0.20	1	NO	NO
137	Dalapon	ND	ug/L	5.0	5.0	200	NO	NO
139	Dinoseb	ND	ug/L	1.0	1.0	7	NO	NO
140	Picloram	ND	ug/L	0.5	0.5	500	NO	NO
EPA UNREGULATED								
135	2,4 - DB	ND	ug/L	1.0				
138	Dicamba	ND	ug/L	0.2				
223	Acifluorfen	ND	ug/L	2.0				
224	Chloramben	ND	ug/L	0.2				
225	DCPA Acid Metabolites (A)	ND	ug/L	0.1				
226	3,5-Dichlorobenzoic Acid	ND	ug/L	0.5				
228	4 - Nitrophenol	ND	ug/L	0.5				

NOTES:

SRL (State Reporting Level): Indicates the minimum reporting level required by the Washington Department of Health (DOH).

Trigger Level: DOH Drinking Water response level.

MCL (Maximum Contaminant Level): If the contaminant amount exceeds the MCL, immediately contact your regional DOH office.

NA (Not Analyzed): In the RESULTS column indicates this compound was not included in the current analysis.

ND (Not Detected): In the RESULTS column indicates this compound was analyzed and not detected at a level greater than or equal to the SRL.

< : Indicates less than.

Comments:

Method 515.1: Herbicides



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

SYNTHETIC ORGANIC CHEMICALS (SOC's) ANALYSIS REPORT
EPA TEST METHOD - EPA 525.2
WA DOH TEST PANEL: PEST1

System ID No.: N/A		System Name: Cuyamaca	
Lab/Sample No.: 08982728		Date Collected: 10/22/13	DOH Source No.: N/A
Multiple Source Nos.: N/A		Sample Type: A	Sample Purpose: C
Date Received: 10/22/13	Date Analyzed: 10/26/13	Analyst: LHL	
Date Extracted: 10/24/13	Date Reported: 10/30/13	Supervisor: <i>OMB</i>	
County: Thurston		Group: A	
Sample Location: Combined Sources (NC-09.1 - NC-09.2) - Wellhouse Sample Tap			
Send To: Nisqually Tribe 4820 She-Nah-Num Drive Olympia, WA 98513		Remarks: EPA# 105300089	

DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXCEEDS	
EPA REGULATED							Trigger?	MCL?
33	Endrin	ND	ug/L	0.05	0.05	2	NO	NO
34	Lindane (BHC-gamma)	ND	ug/L	0.04	0.04	0.2	NO	NO
35	Methoxychlor	ND	ug/L	10	10	40	NO	NO
36	Toxaphene	ND	ug/L	1	1	3	NO	NO
117	Alachlor	ND	ug/L	0.4	0.4	2	NO	NO
119	Atrazine	ND	ug/L	0.5	0.5	3	NO	NO
120	Benzo(a)pyrene	ND	ug/L	0.04	0.04	0.2	NO	NO
122	Chlordane (total)	ND	ug/L	0.4	0.4	2	NO	NO
124	Di(ethylhexyl)adipate	ND	ug/L	1.3	1.3	400	NO	NO
125	Di(ethylhexyl)phthalate	ND	ug/L	1.3	1.3	6	NO	NO
126	Heptachlor	ND	ug/L	0.09	0.09	0.4	NO	NO
127	Heptachlor epoxide	ND	ug/L	0.1	0.1	0.2	NO	NO
128	Hexachlorobenzene	ND	ug/L	0.5	0.5	1	NO	NO
129	Hexachlorocyclopentadiene	ND	ug/L	0.5	0.5	50	NO	NO
133	Simazine	ND	ug/L	0.15	0.15	4	NO	NO
134	Pentachlorophenol	ND	ug/L	0.2	0.2	1	NO	NO
153	PCB (as total arochlors)	ND	ug/L	0.2			NA	NA
173	Arochlor 1221	ND	ug/L	100			NA	NA
174	Arochlor 1232	ND	ug/L	2.5			NA	NA
175	Arochlor 1242	ND	ug/L	1.5			NA	NA
176	Arochlor 1248	ND	ug/L	0.5			NA	NA
177	Arochlor 1254	ND	ug/L	0.5			NA	NA
178	Arochlor 1260	ND	ug/L	1.0			NA	NA
180	Arochlor 1016	ND	ug/L	0.4			NA	NA
EPA UNREGULATED								
121	Butachlor	ND	ug/L	0.4			NA	NA
123	Dieldrin	ND	ug/L	0.1			NA	NA
130	Metolachlor	ND	ug/L	1			NA	NA
131	Metribuzin	ND	ug/L	0.2			NA	NA
132	Propachlor	ND	ug/L	0.1			NA	NA
254	Fluorene	ND	ug/L	0.2			NA	NA
179	Bromacil	ND	ug/L	0.2			NA	NA



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

SYNTHETIC ORGANIC CHEMICALS (SOC's) ANALYSIS REPORT
EPA TEST METHOD - EPA 531.2
WA DOH TEST PANEL: INSECT 1

System ID No.: N/A		System Name: Cuyamaca	
Lab/Sample No.: 08982728		Date Collected: 10/22/13	DOH Source No.: N/A
Multiple Source Nos.: N/A		Sample Type: A	Sample Purpose: C
Date Received: 10/22/13	Date Analyzed: 10/31/13	Analyst: LHL	
		Date Reported: 11/02/13	Supervisor: <i>OMB</i>
County: Thurston		Group: A	
Sample Location: Combined Sources (NC-09.1 - NC-09.2) - Wellhouse Sample Tap			
Send To: Nisqually Tribe 4820 She-Nah-Num Drive SE Olympia, WA 98513		Remarks: EPA# 105300089	

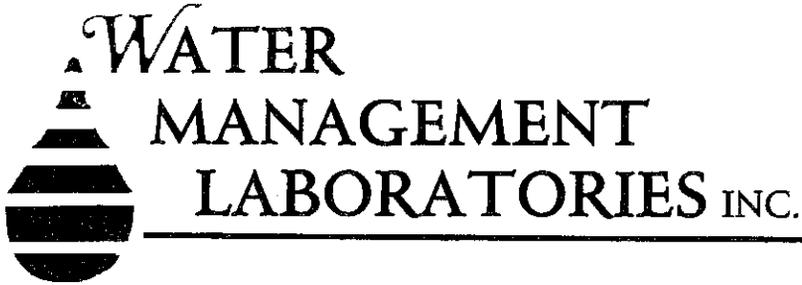
DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXCEEDS	
							Trigger?	MCL?
EPA REGULATED								
146	Carbofuran	ND	ug/L	2.0	2.0	40	NO	NO
148	Oxamyl	ND	ug/L	10.0	10.0	200	NO	NO
142	Aldicarb	ND	ug/L	1.0	1.0	3	NO	NO
143	Aldicarb Sulfone	ND	ug/L	0.7	0.7	2	NO	NO
144	Aldicarb Sulfoxide	ND	ug/L	1.8	1.8	4	NO	NO
EPA UNREGULATED								
145	Carbaryl	ND	ug/L	2.0	2.0		NO	
147	Methomyl	ND	ug/L	1.0	4.0		NO	

NOTES:

SRL (State Reporting Level): Indicates the minimum reporting level required by the Washington Department of Health (DOH).
 Trigger Level: DOH Drinking Water response level. Systems with compounds detected at concentrations in excess of this level may need to take additional samples. Contact your regional DOH office for further information.
 MCL (Maximum Contaminant Level): If the contaminant amount exceeds the MCL, immediately contact your regional DOH office.
 NA (Not Analyzed): In the RESULTS column indicates this compound was not included in the current analysis.
 ND (Not Detected): In the RESULTS column indicates this compound was analyzed and not detected at a level greater than the SRL.
 < : Indicates less than.

Comments:

Method 531.2: CARBAMATES



1515 80th St. E.
Tacoma, WA 98404
(253) 531-3121

VOLATILE ORGANIC CHEMICALS (VOC's) ANALYSIS REPORT
EPA TEST METHOD - EPA 524.2
WA DOH TEST PANEL: VOC1

System ID No.: N/A		System Name: Cuyamaca	
Lab/Sample No.: 08973090		Date Collected: 10/22/13	DOH Source No.: N/A
Multiple Source Nos.: N/A		Sample Type: A	Sample Purpose: C
Date Received: 10/22/13	Date Analyzed: 10/26/13	Analyst: LHL	
		Date Reported: 10/29/13	Supervisor: <i>[Signature]</i>
County: Thurston		Group: A	
Sample Location: Combined Well Sources (NC-09.1 - NC-09-2) - Wellhouse Sample Tap			
Send To: Nisqually Tribe 4820 She-Nah-Num Drive Olympia, WA 98513		Remarks: EPA# 105300089	

DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	EXCEEDS	
EPA REGULATED							Trigger?	MCL?
45	Vinyl Chloride	ND	ug/L	0.5	0.5	2	NO	NO
46	1,1 - Dichloroethylene	ND	ug/L	0.5	0.5	7	NO	NO
47	1,1,1 - Trichloroethane	ND	ug/L	0.5	0.5	200	NO	NO
48	Carbon Tetrachloride	ND	ug/L	0.5	0.5	5	NO	NO
49	Benzene	ND	ug/L	0.5	0.5	5	NO	NO
50	1,2 - Dichloroethane	ND	ug/L	0.5	0.5	5	NO	NO
51	Trichloroethylene	ND	ug/L	0.5	0.5	5	NO	NO
52	1,4 - Dichlorobenzene	ND	ug/L	0.5	0.5	75	NO	NO
56	Dichloromethane	ND	ug/L	0.5	0.5	5	NO	NO
57	trans-1,2 - Dichloroethylene	ND	ug/L	0.5	0.5	100	NO	NO
60	cis-1,2 - Dichloroethylene	ND	ug/L	0.5	0.5	70	NO	NO
63	1,2 - Dichloropropane	ND	ug/L	0.5	0.5	5	NO	NO
66	Toluene	ND	ug/L	0.5	0.5	1000	NO	NO
67	1,1,2 - Trichloroethane	ND	ug/L	0.5	0.5	5	NO	NO
68	Tetrachloroethylene	ND	ug/L	0.5	0.5	5	NO	NO
71	Chlorobenzene	ND	ug/L	0.5	0.5	100	NO	NO
73	Ethylbenzene	ND	ug/L	0.5	0.5	700	NO	NO
76	Styrene	ND	ug/L	0.5	0.5	100	NO	NO
84	1,2 - Dichlorobenzene	ND	ug/L	0.5	0.5	600	NO	NO
95	1,2,4 - Trichlorobenzene	ND	ug/L	0.5	0.5	70	NO	NO
160	Total Xylenes	ND	ug/L	0.5	0.5	10000	NO	NO
74	m/p Xylenes (MCL for Total)	ND	ug/L	0.5	0.5		NO	
75	o - Xylene (MCL for Total)	ND	ug/L	0.5	0.5		NO	
TRihalOMETHANES								
27	Chloroform	ND	ug/L	0.5	0.5		NO	
28	Bromodichloromethane	ND	ug/L	0.5	0.5		NO	
29	Chlorodibromomethane	0.6	ug/L	0.5	0.5		YES	
30	Bromoform	ND	ug/L	0.5	0.5		NO	
31	TOTAL Trihalomethanes	0.6	ug/L	NA	NA	80		NO