



STATE OF WASHINGTON  
DEPARTMENT OF HEALTH  
OFFICE OF DRINKING WATER

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July 15, 2011

Joyce Chandler, Manager  
Office of Compliance (2224A)  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue N.W.  
Washington DC 20460

Dear Ms. Chandler: *Joyce*

I am pleased to submit our *2010 Drinking Water Annual Report for Washington State* as required by section 1414(c)(3)(A)(i) of the amended Safe Drinking Water Act. This report reflects violations of national primary drinking water regulations by public water systems in Washington State during 2010, as reported to the U.S. Environmental Protection Agency (EPA).

Washington State's data incorporates chemical monitoring violations compiled from State data that hadn't been reported to EPA in the first quarter of 2011 but has subsequently been submitted in second quarter 2011. This submittal also corrects errors we discovered in our February report to SDWIS.

If you have questions regarding the data presented in this report, please call me at (360) 236-3110, or Mike Means, Water Quality Section Manager, at (360) 236-3178.

Sincerely,

*Denise Addotta Clifford*

Denise Addotta Clifford  
Director

Enclosures

cc: Marie Jennings, EPA Region 10  
Maryanne Guichard, Department of Health



# FIFTEENTH ANNUAL REPORT TO EPA

## **SUBJECT: 2010 Violation of National Primary Drinking Water Regulations by Group A Public Water Systems in Washington State**

### **Introduction**

The mission of the Office of Drinking Water is to protect the health of the citizens of Washington State by ensuring safe and reliable drinking water. We consider drinking water protection an essential public health program, and our philosophy is that people in Washington can best be served by preventing problems through a cooperative relationship with water utilities and local health jurisdictions.

While any drinking water violation is a concern to us, we've set priorities and focus our compliance efforts on the highest public health impacts and levels of risk. Our "Compliance Strategy Decision Matrix" provides a summary of these priorities and our compliance process. Our goal is to respond in a timely and appropriate manner to 100 percent of high public health-risk violations.

Very small water systems (both community and non-community) serving a residential population of less than 100 people accounted for 66 percent of the system violations in this report. These systems generally lack the managerial, technical or financial resources to meet the requirements of running a public water system, and much of the Office of Drinking Water's time and effort involves enforcement follow-up and providing technical assistance to these systems. We've also taken steps to boost our capacity development program so we can better assess small system capacity and take actions to prevent violations.

### **Summary of Violations**

NOTE: Washington continues to work with EPA Region 10, correcting errors in the federal database. The overall numbers displayed in Attachments A, B and C represents the corrected information for calendar year 2010.

**Coliform** violations continue to decrease from previous year numbers. The combined coliform violations (MCL and Monitoring) impacted less than 2 percent of the residential population served by SDWA water system. Of the systems that had monitoring violations for coliform, approximately 86 percent serve a residential population of 100 people or less.

**Consumer Confidence Report (CCR):** By the end of 2010, only 25 systems failed to submit their consumer confidence report. Violations reported in this report have been adjusted downward from what was originally reported by EPA based on comparison of our state data base with the federal data set. The corrected number is reflected in this report.

**Chemical Contaminant Group:** Chemical monitoring covers 4 major chemical contaminant groups: inorganic chemicals (IOCs), synthetic organic chemicals (SOCs), volatile organic chemical (VOCs), and radionuclides (RADs). Monitoring violations for radionuclides were not included in this report. They are tracked in a separate database and are not a part of our federally reported data set.

The only chemical contaminant MCL violations for the 2010 compliance period were for Arsenic and Nitrate. Together these impacted 83 water systems serving a residential population of 18,731. There were 32 systems with nitrate MCL violations and 51 systems with Arsenic MCL violations. Together these account for less than

2 percent of the regulated SDWA water systems and impact less than 0.2 percent of the residential population covered by the SDWA.

481 systems had at least one chemical monitoring violation during the 2010 calendar year. That covered all categories' except radionuclides. More than half of the systems with violations served a residential population of 100 or less. These violations impacted less than 1.5 percent of the total residents served by SDWA water systems.

**Surface Water Treatment Rule** –There are 319 SDWA water systems in Washington that rely on at least 1 permanent surface water source or 1 permanent intertie with a surface water system. In 2010, eleven of these systems reported a treatment technique violation impacting a population of 88,358. This impacted approximately 1.5 percent of the residential population served by SDWA water systems in the state.

**Lead and Copper:** 80 systems had monitoring violations during the 2010 compliance period. These systems served less than 1 percent of the SDWA residential population. All systems returned to compliance during the 2010 calendar year. There were no treatment technique violations reported for this period.

**Disinfection-by-Product:** While we track and maintain water system compliance information for disinfection-by-products, the 2010 data was not part of our extractable data. We expect to be able to report that data in the 2011 compliance report.

**Public notification:** this information is checked and tracked at the regional level and it not available electronically at this time. It was not a part of this report.

## Report Detail

The Washington State Department of Health, Office of Drinking Water (ODW) has prepared this report to comply with the requirements of the federal Safe Drinking Water Act (SDWA). The report lists violations of water quality and monitoring/reporting requirements that occurred during calendar year 2010 that we reported to the Environmental Protection Agency (EPA). We continue to improve our data system to assure that all water quality and monitoring and reporting information can be properly reported to EPA

EPA sets national limits on contaminant levels in drinking water to ensure that the water is safe for human consumption. These limits are known as Maximum Contaminant Levels (MCLs) and Maximum Residual Disinfectant Levels (MRDLs). For some regulations, EPA establishes treatment techniques in lieu of an MCL to control unacceptable levels of contaminants in water. EPA also regulates how often public water systems monitor their water for contaminants and report the monitoring results to the states. Generally, larger water systems have more frequent monitoring and reporting (M/R) requirements. In addition, EPA requires the larger systems to monitor for unregulated contaminants and provide that data directly to EPA to help it evaluate the need for future regulations. Finally, EPA requires systems to notify their consumers when they have violated these regulations. The SDWA requires consumer notification to include a clear and understandable explanation of the violation, its potential adverse health effects, and steps that the system is taking to correct the situation, as well as any alternative water supplies needed/received during the event.

### Annual State PWS Report

Each quarter we submit data to the Safe Drinking Water Information System (SDWIS/FED), an automated database maintained by EPA. The data submitted includes, but is not limited to, water system inventory information; the incidence of MCL, MRDL, monitoring, and treatment technique violations; and information on enforcement activity related to these violations. Annually we provide EPA with a report of violations of the primary drinking water standards for the preceding calendar year. This report provides the numbers of

violations in each of six categories: MCLs, MRDLs, treatment techniques, variances and exemptions, significant monitoring violations, and significant consumer notification violations. Data retrieved from SDWIS/FED form the basis of this report. Note that corrections to incorrect data may not be reflected in the original data provided by EPA/SDWIS for this report due to lag times in reporting from the state to the federal drinking water data system. For future reporting to EPA, we have found a way to improve accuracy in our review of the violation lists for several programs.

## **Public Water System**

A *public water system* is defined in federal regulations as a system that provides water via piping or other constructed conveyances for human consumption to at least 15 service connections or serves an average of at least 25 people for at least 60 days each year. There are three types of systems: community (such as towns), non-transient non-community (such as schools or factories), or transient non-community systems (such as rest stops or parks). For this report, systems of all types are combined unless specified in greater detail.

The Washington State Board of Health regulates over 17,000 public water systems, of which 4,133 are subject to the federal SDWA. Of these, 2,250 are classified as community systems ranging in size from 15 households, to the City of Seattle, which has more than 600,000 connections. The remaining 1,883 are classified as non-transient non-community and transient non-community systems.

## **Maximum Contaminant Level**

The EPA sets national limits on contaminant levels in drinking water to ensure that the water is safe for human consumption. These limits are known as Maximum Contaminant Levels (MCLs).

## **Maximum Residual Disinfectant Level**

The EPA sets national limits on residual disinfectant levels in drinking water to reduce the risk of exposure to disinfectant byproducts formed, when public water systems add chemical disinfectant for either primary or residual treatment. These limits are known as Maximum Residual Disinfectant Levels (MRDLs).

## **Treatment Techniques**

For some regulations, the EPA establishes treatment techniques (TTs) in lieu of an MCL to control unacceptable levels of certain contaminants. For example, treatment techniques have been established for viruses, some bacteria, and turbidity.

## **Monitoring**

A PWS is required to monitor and verify that the levels of contaminants present in the water do not exceed the MCL. If a PWS fails to have its water tested as required or fails to report test results correctly to the primacy agent, a monitoring violation occurs.

## **Significant Monitoring Violations**

For this report, significant monitoring violations are included if they occurred during the calendar year of the report. A significant monitoring violation, with rare exceptions, occurs when no samples were taken, or no results were reported, during a compliance period.

## **Consumer Notification (the Consumer Confidence Report)**

Every Community Water System is required to deliver to its customers a brief annual water quality report. This report includes educational material and provides information on the system's source water, the levels of any detected contaminants, and compliance with drinking water regulations.

### **Significant Consumer Notification Violations**

For this report, a significant public notification violation occurred if a community water system completely failed to provide its customers the required annual water quality report.

### **Variations and Exemptions**

No variations or exemptions have been issued in Washington.

### **Definitions**

**"Acute"** - Posing an immediate risk to human health.

**"Coliform sample"** - A sample of water collected from the distribution system at or after the first service and analyzed for coliform presence.

**"Community water system"** - A Group A system with fifteen or more service connections used by residents for one hundred eighty or more days within a calendar year, regardless of the number of people, or regularly serving twenty-five or more residents for one hundred eighty or more days within the calendar year, regardless of the number of service connections.

**"Group A water system"** - A public water system serving fifteen or more connections or twenty-five or more people per day for sixty or more days per year and subject to the federal Safe Drinking Water Act.

**"Group B water system"** - A public water system serving less than fifteen connections and less than twenty-five people for sixty or more days per year, or less than fifteen connections and any number of people for less than sixty days per year.

**"Maximum contaminant level (MCL)"** - The maximum permissible level of a contaminant in water delivered to any public water system user.

**"Monitoring"** - Specific water testing methods water systems must use, and set schedules for the frequency of testing.

**"Nonacute"** - Posing a possible or less than immediate risk to human health.

**"Non-community water system"** - A Group A system serving twenty-five or more non-residents per day for sixty or more days per year, or fifteen or more connections or twenty-five or more residents between sixty and one hundred eighty days per year.

**"Non-transient non-community (NTNC) water system"** - A Group A non-community system serving twenty-five or more of the same non-residents per day for one hundred eighty days or more per year.

**"Public water system"** - Any system, excluding a system serving only one single-family residence and a system with four or fewer connections all of which serve residences on the same farm, providing piped water for human consumption, including any collection, treatment, storage, or distribution facilities under control of the purveyor and used primarily in connection with the system.

**"Total Coliforms"** - Bacteria that although not necessarily in themselves disease-producing, can be indicators of organisms that cause disease such as assorted gastro-enteric infections, dysentery, hepatitis, typhoid fever, cholera, etc.

**"Transient non-community (TNC) water system"** - A Group A non-community system serving fifteen or more connections in use less than one hundred eight days per year, or twenty-five or more different

nonresidents for sixty or more days per year, or twenty-five or more of the same nonresidents for between sixty and one hundred eighty days per year, or twenty-five or more residents for between sixty and one hundred eighty days per year.

“**Treatment technique violation (TTV)**” - Failure to properly treat a drinking water source.

### **Attachments**

- Attachment A - A summary chart of violations reported to EPA.
- Attachment B - A more detailed breakout of the types of violations.
- Attachment C - A list of the systems that had MCL and treatment technique violations during the calendar year.

### **Accessing This Report**

Washington’s Annual Violations Report is available at the Departments website (<http://www.doh.wa.gov/ehp/dw/>) or by contacting our office at:

Department of Health  
Office of Drinking Water  
P.O. Box 47822  
Olympia, Washington 98504-7822  
1-800-521-0323

## ATTACHMENT A – VIOLATIONS REPORTED TO EPA

### Violations for 2010:

Violations Category	MCL		Treatment Technique		Significant Monitoring		Consumer ** Notification	
	Violations	# Systems	Violations	# Systems	Violations	# Systems	Violations	# Systems
Chemical Contaminant Group <sup>#</sup>	87	83			10858	474		
Total Coliform Rule	33	32			642	443		
Surface Water Treatment Rule			22	11	4	3		
Lead and Copper Rule			0	0	80	80		
Disinfection Byproducts	NR	NR	NR	NR	NR	NR		
Consumer Notification Violation							257	257
Public Notice							NR	NR

Totals	
Total Number of Systems in Violation*	1,016
Total Number of Violations	11,983

\* A water system may be out of compliance with more than one contaminant or violation type. However, when calculating totals, a system is only counted once for total violations and population totals. As a result, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the grand total.

<sup>#</sup> **Chemical Monitoring** –MCL and monitoring violations for radionuclides (RADs) were not reported as part of the chemical contaminant group. All of the MCL violations reported for this contaminant group and this compliance period were either for Arsenic (61%) or Nitrate (39%).

**NR** – Not Reported

\*\* **Consumer Confidence Reports (CCRs)** are for the previous calendar year is due to customers by July 1 of the following year. The 2010 Annual Compliance Report for CCRs covers the report filed by water systems for the 2009 calendar year.

**NOTE:** There are 4,133 systems in Washington State that are subject to the SDWA, including 2,246 community systems that serve a residential population of 5,798,975. The total combined residential population served by SDWA public water systems in Washington is: 5,805,403.



## **ATTACHMENT B and C – Key to Abbreviations**

### **Attachment B**

CCR	Consumer Confidence Report
IOC	Inorganic Chemical
LCR	Lead/Copper Rule
MCL	Maximum Contaminant Level
NR	Not Reported
PWS	Public Water System
RAD	Radionuclide
RTC	Returned to Compliance
SOC	Synthetic Organic Chemical
SWTR	Surface Water Treatment Rule
TCR	Total Coliform Rule
VOC	Volatile Organic Chemical
DBP	Disinfection Byproducts
PN	Public Notice

### **Attachment C**

ID#            Public Water System Identification Number

NAME            Water System Name

#### TYPE

- COM - Community System
- NTNC - Non-Transient Non-Community System
- TNC - Transient Non-Community System

POP            Population served, both residential and non-residential

#### VIOL TYPE

- Coliform MCL - Coliform Maximum Contaminant Level Violation
- Nitrate MCL - Nitrate Maximum Contaminant Level Violation
- UNFILT SW - Unfiltered Surface Water Required to Filter
- FILT SW TTV - Filtered Surface Water Treatment Technique Violation

#### COMMENTS

- Under BCA – Signed a Bilateral Compliance Agreement with the Department
- Under ORDER – Have been directed by the Department to comply with requirements
- Issued NOV – Have been issued a Notice of Violation directing corrective action
- Group B – Small system not covered by federal Safe Drinking Water Act
- BWA- out of compliance – boil water advisory issued (contamination threat unresolved)
- RTC – Returned to compliance

## ATTACHMENT B

### SAFE DRINKING WATER INFORMATION SYSTEM - ANNUAL PWS COMPLIANCE REPORT

Compliance period: 1/1/2010 -- 12/31/2010

#### VOLATILE ORGANIC CONTAMINANTS (VOC)

Contaminant Code Name	MCL (mg/l)	MCLs		Monitoring	
		# of Violations	# of RTC In Violation	# of Violations	# of RTC In Violation
VOC Totals		0	0	4,914	1,050

#### SYNTHETIC ORGANIC CONTAMINANTS (SOC)

Contaminant Code Name	MCL (mg/l)	MCLs		Monitoring	
		# of Violations	# of RTC In Violation	# of Violations	# of RTC In Violation
SOC Totals		0	0	3,472	186

#### INORGANIC CONTAMINANTS (IOC)

Contaminant Code Name	MCL (mg/l)	MCLs		Monitoring	
		# of Violations	# of RTC In Violation	# of Violations	# of RTC In Violation
1040 Nitrate	10(as Nitrogen)	34	20	32	158
Other IOCs	0.01(as Arsenic)	53**	65	51	2,314
IOC Totals		87	85	83	2,472

\*\* All non-nitrate MCL violations were for arsenic

NOTE: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, that system is counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

## RADIONUCLIDE CONTAMINANTS (RAD)

Contaminant Code Name	MCL (mg/l)	MCLs		Monitoring	
		# of Violations	# of RTC Violations	# of Violations	# of RTC Violations
RAD Totals	NR	NR	NR	NR	NR

## COLIFORMS (TCR)

Violation Type	Violation Name	# of		# of PWSs	
		Violations	# of RTC Violations	In Violation	In Violation
21	MCL, Acute (TCR)	33	1	32	
23	Monitoring, Routine Major (TCR)	612	612	428	
25	Monitoring, Repeat Major (TCR)	30	30	25	

MCLs		Monitoring	
# of Violations	# of RTC Violations	# of Violations	# of RTC Violations
33	1	642	443

## SURFACE WATER (SWTR)

MCLs		Monitoring		Treatment Technique	
# of Violations	# of RTC Violations	# of Violations	# of RTC Violations	# of Violations	# of RTC Violations
--	--	4	4	3	22
SWTR Totals	--	4	4	3	22

NOTE: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, that system is counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total

**LEAD AND COPPER (LCR)**

	Monitoring # of RTC Violations	# of PWSs In Violation	# of Violations	Treatment Technique # of RTC Violations	# of PWSs In Violation
LCR Totals	80	80	0	0	0

**DISINFECTION BY-PRODUCTS RULE (DBP)**

	MCLs # of RTC Violations	# of PWSs In Violation	# of Violations	Monitoring # of RTC Violations	# of Violations	Treatment Technique # of RTC Violations	# of PWSs In Violation
DBP Totals	NR	NR	NR	NR	NR	NR	NR

**CONSUMER CONFIDENCE REPORT (CCR)**

Violation Type	Violation Name	# of Violations	# of RTC Violations	# of PWSs In Violation
71	CCR Complete Failure to Report	257	232	257

**PUBLIC NOTICE (PN)**

Violation Type	Violation Name	# of Violations	# of RTC Violations	# of PWSs In Violation
		NR	NR	NR

NOTE: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, that system is counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

## STATE SUMMARY

Rule Group	Chemical Sub-Group	MCLs		Monitoring		Treatment Technique		Consumer Notification		
		# of Viol	# RTC	# PWSs	# of Viol	# RTC	# PWSs	# of Viol	# RTC	# PWSs
CHEM	VOC	0	0	4,914	1,050	239	---	---	---	---
	SOC	0	0	3,472	186	202	---	---	---	---
	IOC	87	85	2,472	612	248	---	---	---	---
	RAD	NR	NR	NR	NR	NR	---	---	---	---
CHEM Total		87	65	10,858	1,848	481	---	---	---	---
TCR		33	1	642	0	443	---	---	---	---
SWTR		---	---	4	4	3	22	11	11	---
LCR		---	---	80	0	80	0	0	0	---
DBP		NR	NR	NR	NR	NR	NR	NR	NR	---
CCR		---	---	---	---	---	---	---	257	232
PN		---	---	---	---	---	---	---	NR	NR
<b>Grand Total</b>		<b>119</b>	<b>66</b>	<b>11,584</b>	<b>1,852</b>	<b>893</b>	<b>22</b>	<b>11</b>	<b>11</b>	<b>257</b>

Grand Total # Violations (MCL, Monitoring, Treatment Technique, & Consumer Notification): 11,983

Grand Total # of PWSs in Violation (MCL, Monitoring, Treatment Technique, & Consumer Notification): 1,016

Note: Although a PWS may be out of compliance with more than one contaminant group or rule, when calculating totals, that system is counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various contaminant groups or rules, may not add up to the total.

**ATTACHMENT C**  
**Systems with MCL and TT Violations in 2010**

<i>ID #</i>	<i>System Name</i>	<i>Type</i>	<i>Pop</i>	<i>SRC</i>	<i>Vio Type</i>	<i>Comments</i>	<i>Follow-up Action</i>
01338	ALECK BAY PARK WATER SYSTEM	CWS	40	GW	Arsenic MCL	Quarterly violation	Under BCA
10818	ALL SAINTS CAMP	TNC	275	GW	Coliform MCL	Apr violation	Group B as of 5/10/11
04460	BASIN CITY MOBILE HOME COURT	CWS	485	GW	Nitrate MCL	Annual violation	Water system Inactive
04980	BEACHWOOD WATER COMPANY	CWS	90	GW	Arsenic MCL	Quarterly violation	Under BCA
05600	BELLINGHAM-WATER DIVISION, CITY OF	CWS	80,000	SW	SWTR TT	Oct violation	RTC
FS052	BLUE LAKE CREEK CG HP	TNC	25	GW	Coliform MCL	Sept violation	RTC
31568	BLUEBIRD INN	TNC	45	GW	Nitrate MCL	Quarterly violation	Under BCA
07700	BONNIE VIEW WATER	CWS	44	GW	Arsenic MCL	Quarterly violation	Under BCA
09300	BURBANK IRRIGATION DISTRICT 4	CWS	537	GW	Nitrate MCL	Quarterly violation	RTC
10590	CAMANO CITY COMMUNITY CLUB INC	CWS	266	GW	Arsenic MCL	Quarterly violation	Under BCA
10600	CAMANO CO-OP WATER & POWER CO	CWS	1,024	GW	Arsenic MCL	Quarterly violation	Under BCA
01429	CAMANO HILLS WATER COMPANY INC	CWS	183	GW	Arsenic MCL	Quarterly violation	Under BCA
15216	CAMANO PLAZA	NTNC	40	GW	Arsenic MCL	Quarterly violation	Under BCA
11180	CAMP KOREY AT CARNATION FARM WS	NTNC	227	GW	Arsenic MCL	Quarterly violation	Under BCA
12641	CAMP LUTHERWOOD	TNC	208	SW	SWTR TT	Sept violation	RTC
10999	CANAL MUTUAL WATER	CWS	125	GW	Coliform MCL	Oct violation	RTC
26445	CARRIAGE HILL ESTATES	CWS	200	GW	Nitrate MCL	Quarterly violation	RTC
28020	CASCADE VIEW ROAD WATER SYSTEM	CWS	26	GW	Arsenic MCL	Quarterly violation	Under BCA
09626	CHARBONNEAU PARK	TNC	500	GW	Nitrate MCL	Quarterly violation	RTC
88122	CHEHALIS RV PARK	TNC	114	SW	SWTR TT	Oct violation	RTC
36294	CHINOOK ESTATES	CWS	384	GW	Arsenic MCL	Quarterly violation	Under BCA
72112	CHINOOK VENTURES	NTNC	60	GW	Arsenic MCL	Quarterly violation	RTC
AB441	CLAYTON ORCHARDS HOUSING	TNC	72	GW	Nitrate MCL	Quarterly violation	Under BCA

ID #	System Name	Type	Pop	SRC	Vio Type	Comments	Follow-up Action
07200	COLUMBIA CREST ESTATES	CWS	55	GW	Arsenic MCL	Quarterly violation	In Receivership
17641	COLUMBIA CREST WINERY	NTNC	218	GW	Nitrate MCL	Quarterly violation	RTC -Providing alternate water
14176	COLUMBIA VIEW WATER SYSTEM	CWS	350	GW	Nitrate MCL	Quarterly violation	Src inactivated 11/1/10
02050	COVINGTON 212	CWS	40	GW	Arsenic MCL	Quarterly violation	Under BCA
38261	CROCKER CREEK WATER WORKS	CWS	60	GW	Coliform MCL	Dec violation	RTC
16400	CRYSTAL MOUNTAIN INC	CWS	4,535	SW	SWTR TT	Feb violation	RTC
51527	CURLEW LAKE HEIGHTS WATER SYSTEM	CWS	30	GW	Coliform MCL	June violation	RTC
SP202	DAROGA STATE PARK NORTH	TNC	849	GW	Nitrate MCL	Quarterly violation	Under BCA
18750	DELTA WATER ASSOCIATION	CWS	420	GW	Nitrate MCL	Quarterly violation	Out of compliance with BCA
56951	DOUBLE CREEK WATER ASSOCIATION	CWS	22	GW	Arsenic MCL	Quarterly violation	Under BCA
02217	EAGLE VALLEY WATER SYSTEM	CWS	135	GW	Coliform MCL	Jun & Aug violations	RTC
22030	EASTGATE	CWS	76	GW	Arsenic MCL	Quarterly violation	Under BCA
26707	EASTLAKE WATER ASSOCIATION	CWS	58	GW	Coliform MCL	Jan violation	BWA - Out of compliance
22850	ELECTRIC CITY, CITY OF	CWS	1,428	GW	Arsenic MCL	Quarterly violation	Under BCA
23240	ELTOPIA WATER ASSOCIATION	CWS	100	GW	Arsenic MCL	Quarterly violation	Under BCA
02601	FAIRFIELD MHP	CWS	66	GW	Arsenic MCL	Quarterly violation	Under BCA
06287	FAITH COMMUNITY CHURCH	TNC	51	GW	Nitrate MCL	Quarterly violation	RTC
01412	FENNEL HTS MAINTENANCE WATER SYSTEM	CWS	55	GW	Arsenic MCL	Quarterly violation	Under BCA
22070	GOSS LAKERIDGE ACRES ASSOCIATION	CWS	27	GW	Arsenic MCL	Quarterly violation	Under BCA
29550	GREEN TANK IRR DISTRICT 11	CWS	553	GW	Coliform MCL	June violation	RTC
04181	HANDY STOP	TNC	52	GW	Coliform MCL	Oct violation	BWA - Out of compliance
19928	HANSON HARBOR HOMEOWNERS ASSN	CWS	56	GW	Arsenic MCL	Quarterly violation	Under BCA
31575	HARTWOOD WATER SYSTEM	CWS	95	GW	Arsenic MCL	Quarterly violation	Under BCA
33364	HILLTOP WATER OWNERS ASSOCIATION	CWS	135	GW	Arsenic MCL	Quarterly violation	Under BCA

ID #	System Name	Type	Pop	SRC	Vio Type	Comments	Follow-up Action
06711	HOH RIVER RESORT	TNC	86	GW	Coliform MCL	Oct violation	BWA - Out of compliance
34889	HUNTERS WATER DISTRICT	CWS	445	GW	Arsenic MCL	Quarterly violation	Under BCA
09677	ICE HARBOR DAM	NTNC	130	GW	Nitrate MCL	Quarterly violation	RTC
36020	IRON SPRINGS PARK	CWS	62	GW	Coliform MCL	Apr violation	RTC
37750	KAPOWSIN WATER DISTRICT	CWS	70	SW	SWTR TT	Jan, Feb, Mar, Apr, May, June, July, Aug, Sept, Oct, & Nov violations	Under Order
17189	KEPPS ACRES ASSOCIATION	CWS	48	GW	Nitrate MCL	Quarterly violation	RTC
42175	KIONA VILLAGE COURT	CWS	112	GW	Nitrate MCL	Quarterly violation	Under BCA
42704	KITTITAS COUNTY WATER DISTRICT #5	CWS	690	GW	Arsenic MCL	Quarterly violation	Under BCA
43400	LACROSSE, TOWN OF	CWS	380	GW	Coliform MCL	Sept violation	RTC
45085	LAKEDALE WATER SYSTEM	TNC	39	SW	SWTR TT	Sept violation	RTC
46940	LEVEY PARK	TNC	181	GW	Nitrate MCL	Quarterly violation	RTC
01971	LITTLE DIAMOND	TNC	73	GW	Coliform MCL	Dec violation	RTC
FS565	LODGEPOLE/NACHES RD	TNC	30	GW	Coliform MCL	Aug violation	BWA - Out of Compliance
47820	LOMBARD LOOP WATER ASSOCIATION	CWS	180	GW	Arsenic MCL	Quarterly violation	Under BCA
49954	MADRONA BEACH COMM WATER SYSTEM	CWS	473	GW	Arsenic MCL	Quarterly violation	Under BCA
54350	METALINE WATER DEPT	CWS	212	SW	SWTR TT	Jan & Feb violations	RTC
55070	MINERVA TERRACE	CWS	85	GW	Coliform MCL	Oct violation	RTC
00641	MORNING SUN ESTATES WATER SYSTEM	TNC	27	GW	Coliform MCL	July violation	RTC
06559	NINE CANYON RANCH	CWS	349	GW	Nitrate MCL	Quarterly violation	RTC
59575	NISQUALLY COMMERCIAL PARK	NTNC	940	GW	Arsenic MCL	Quarterly violation	Out of compliance with BCA
59595	NISQUALLY SPORTSMENS CLUB	CWS	276	GW	Coliform MCL	June violation	RTC
60140	NORTH BLUFF ASSOCIATION	CWS	35	GW	Arsenic MCL	Quarterly violation	Under BCA
17720	NORTH PROSSER MARKET	TNC	43	GW	Coliform MCL	June violation	RTC
10761	NORTH SLOPE ESTATES PROPERTY	CWS	97	GW	Arsenic MCL	Quarterly violation	Under BCA
62135	NORTHWOOD PARK SYSTEM	CWS	50	GW	Nitrate MCL	Quarterly violation	Out of compliance with BCA



ID #	System Name	Type	Pop	SRC	Vio Type	Comments	Follow-up Action
62150	NORTHWOOD WATER ASSOCIATION	CWS	49	GW	Nitrate MCL	Quarterly violation	Out of compliance with BCA
63480	OLYMPIC MARINE VIEW WATER ASSOC	CWS	89	GW	Coliform MCL	Dec violation	RTC
64300	ORIENT WATER COMPANY	CWS	207	SW	SWTR TT	Apr violation	RTC
55205	OTTERCREST ESTATES WATER SYSTEM	CWS	30	GW	Arsenic MCL	Quarterly violation	Under BCA
29746	OWNERS ASSOC OF BEACH CLUB CONDOS	TNC	54	GW	Coliform MCL	June violation	RTC
65189	OYSTER CREEK INN	TNC	103	SW	SWTR TT	Feb violation	RTC
07870	P AND G ORCHARDS CAMP 2	CWS	196	GW	Arsenic MCL	Quarterly violation	Drilling new source, BCA in process
66588	PATTONS RETREAT WATER ASSN	CWS	90	GW	Arsenic MCL	Quarterly violation	Under BCA
55914	PHEASANT RUN	TNC	95	GW	Nitrate MCL	Quarterly violation	RTC
38081	PLEASANT VALLEY - 307	CWS	50	GW	Arsenic MCL	Quarterly violation	RTC
69050	POTLATCH BEACH MUTUAL	CWS	147	GW	Coliform MCL	Oct violation	RTC
30984	PRAIRIE ESTATES WATER SYSTEM	CWS	40	GW	Arsenic MCL	Quarterly violation	Under BCA
56829	RADER FARMS LABOR CAMP	TNC	30	GW	Nitrate MCL	Annual violation	Public Notification
71290	RATHBONE PARK WATER ASSOC	CWS	240	GW	Nitrate MCL	Quarterly violation	Out of compliance with BCA
71900	REPUBLIC, CITY OF	CWS	1,673	GW	Coliform MCL	Mar violation	RTC
72150	RHODENA BEACH WATER DISTRICT	CWS	152	GW	Arsenic MCL	Quarterly violation	Under BCA
26791	RIDGEVIEW ESTATES COMMUNITY ASSN.	CWS	75	GW	Arsenic MCL	Quarterly violation	Under BCA
17631	RIVER ROAD MOBILE HOME PARK	CWS	150	GW	Arsenic MCL	Quarterly violation	New source in process
73230	ROCHE HARBOR WATER SYSTEM INC	CWS	1,919	SW	SWTR TT	July violation	RTC
74270	ROSARIO	CWS	951	SW	SWTR TT	June violation	RTC
76300	SARATOGA WATER DISTRICT	CWS	458	GW	Arsenic MCL	Quarterly violation	Under BCA - RTC
FS828	SAWMILL FLAT/NACHES RD	TNC	38	GW	Coliform MCL	Aug violation	BWA - out of compliance
SP780	SCENIC BEACH STATE PARK	TNC	881	GW	Coliform MCL	Dec violation	RTC

ID #	System Name	Type	Pop	SRC	Vio Type	Comments	Follow-up Action
AB747	SEQUIM SEVENTH DAY ADVENTIST	TNC	55	GW	Nitrate MCL	Annual violation	RTC
80130	SKYLAND PARK WATER ASSOCIATION	CWS	47	GW	Arsenic MCL	Quarterly violation	Under BCA
81978	SOUTH KITSAP LITTLE LEAGUE	TNC	293	GW	Coliform MCL	May violation	RTC
83075	SPOKANE RACEWAY PARK	TNC	387	GW	Coliform MCL	July violation	RTC
83310	SPRING HILL DEVELOPMENT CO.	CWS	47	GW	Arsenic MCL	Quarterly violation	Under BCA
84903	SUMMERLAND	CWS	85	GW	Arsenic MCL	Quarterly violation	Under BCA
59546	SUNDANCE ESTATES WATER SYSTEM	CWS	50	GW	Arsenic MCL	Quarterly violation	Public Notice and developing intertie
85900	SUNRISE POINT WATER CO	CWS	62	GW	Arsenic MCL	Quarterly violation	Out of compliance with BCA
AA745	SUNSIERRA AT CRESCENT BAR	CWS	990	GW	Nitrate MCL	Quarterly violation	RTC
86140	SUNSET PARK WATER CO	CWS	21	GW	Arsenic MCL	Quarterly violation	Under BCA
86202	SUNSET WATER DISTRIBUTION ASSOC	CWS	159	GW	Arsenic MCL	Quarterly violation	Under BCA
87255	TEANAWAY HEIGHTS WATER & ROAD ASSN	TNC	26	GW	Coliform MCL	Nov violation	BWA - out of compliance
00484	TOWNSHIP 29 WATER ASSOCIATION	CWS	42	GW	Arsenic MCL	Quarterly violation	Under BCA
14131	TYSON FRESH MEATS INC	NTNC	1,500	GW	Nitrate MCL	Quarterly violation	RTC
90543	UNIVERSITY HEIGHTS	CWS	91	GW	Coliform MCL	Quarterly violation	RTC
90700	UPPER PRESTON WATER ASSN	CWS	60	GW	Arsenic MCL	Quarterly violation	Under BCA
FS144	USFS-BZ CORNER LAUNCH SITE	TNC	185	GW	Coliform MCL	June violation	RTC
56831	VICENTE FARMS & SONS ENTERPRISE	CWS	46	GW	Nitrate MCL & Coliform MCL	Jan coliform & Nitrate quarterly violation	BWA - out of compliance with BCA
28494	VIEW ROYAL WATER SYSTEM	CWS	1,156	SW	Arsenic MCL	Quarterly violation	Under BCA
64340	VISTA GLEN WATER SYSTEM	CWS	30	GW	Coliform MCL	Apr violation	RTC
20226	VISTA VUE WATER USERS ASSN	CWS	60	GW	Arsenic MCL	Quarterly violation	Under BCA
AC298	WAHLUKE MEETING HOUSE	TNC	80	GW	Nitrate MCL	Quarterly violation	Under BCA
AA597	WALLA WALLA RIVER PACKING & STORAGE	NTNC	75	GW	Nitrate MCL	Quarterly violation	RTC

<i>ID #</i>	<i>System Name</i>	<i>Type</i>	<i>Pop</i>	<i>SRC</i>	<i>Vio Type</i>	<i>Comments</i>	<i>Follow-up Action</i>
92600	WALLULA WATER DISTRICT	CWS	200	GW	Arsenic MCL	Quarterly violation	Under BCA
SP975	WANAPUM STATE PARK	TNC	2,263	GW	Coliform MCL	Sept violation	RTC
95047	WESTBOURNE ACRES	CWS	94	GW	Nitrate MCL	Quarterly violation	RTC
04402	WILLOW DRIVE NURSERY WAREHOUSE OFF.	TNC	65	GW	Nitrate MCL	Quarterly violation	Installed treatment
AB700	WINEGLASS CELLARS	TNC	55	GW	Nitrate MCL	Annual violation	Inactive
05796	WSP KENNEWICK DETACHMENT	TNC	30	GW	Nitrate MCL	Quarterly violation	RTC
02507	WYCKOFF FARMS - SUNNY HOP	TNC	101	GW	Nitrate MCL	Annual violation	RTC

