

SIXTEENTH ANNUAL REPORT TO EPA

SUBJECT: 2011 Violations of National Primary Drinking Water Regulations by Group A Public Water Systems in Washington State

Introduction

The mission of the Office of Drinking Water (ODW) 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 population of less than 100 people accounted for approximately 40 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 ODW'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 2011.

Coliform: Violations continue to decrease from previous year numbers. The combined coliform violations (MCL and Monitoring) decreased 12% from the previous year.

Consumer Confidence Report (CCR): By the end of 2011, only 17 systems failed to submit their consumer confidence report. Violations reported in this report have been adjusted downward slightly from what was originally reported by EPA based on comparison of our state database 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 radionuclide 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 maximum contaminant level (MCL) violations for the 2011 compliance period were for Arsenic and Nitrate. Together these impacted 38 water systems serving a population of about 6,140. There were 32 systems with nitrate MCL violations and 6 systems with Arsenic MCL violations. Together these account for less than one percent of the regulated SDWA water systems and impact about 0.1 percent of the population covered by the federal Safe Drinking Water Act (SDWA).

186 systems (4.5%) had at least one chemical monitoring violation during the 2011 calendar year.

Surface Water Treatment Rule: There are 276 SDWA water systems in Washington that rely on at least 1 permanent surface water or GWI source, or 1 permanent intertie with a surface water or GWI system. In 2011, three of these systems reported a treatment technique violation impacting a population of 820. This impacted less than 0.02 percent of the population served by SDWA water systems in the state.

Lead and Copper: 53 systems had monitoring violations during the 2011 compliance period. These systems served less than 1 percent of the SDWA residential population. No treatment technique violations were reported for this period.

Disinfection-by-Product: While we track and maintain water system compliance information for disinfection by-products, we did not report any data to EPA for 2011.

Public notification: This information is checked and tracked at the regional level and is not available electronically at this time. It is 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 2011 that we reported to the Environmental Protection Agency (EPA). We continue to improve our data system to ensure 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 hope to improve the 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 4,111 are subject to the federal SDWA. Of these, 2,235 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 1,876 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 public water system is required to monitor and verify that the levels of contaminants present in the water do not exceed the MCL. If a system 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 Department's website (<http://www.doh.wa.gov/CommunityandEnvironment/DrinkingWater/RegulationandCompliance/Enforcement/EPAViolationReports.aspx>) 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 2011:

Violations Category	MCL		Treatment Technique		Significant Monitoring		Consumer ** Notification	
	Violations	# Systems	Violations	# Systems	Violations	# Systems	Violations	# Systems
Chemical Contaminant Group [#]	71	38			1575	186		
Total Coliform Rule	12	11			578	394		
Surface Water Treatment Rule			14	3	5	3		
Lead and Copper Rule			0	0	65	53		
Disinfection Byproducts	NR	NR	NR	NR	NR	NR		
Consumer Notification Violation							257	257
Public Notice							NR	NR

Totals	
Total Number of Systems in Violation*	816
Total Number of Violations	2,577

* 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.

[#] **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 (16%) or Nitrate (84%).

NR – Not Reported

**** Consumer Confidence Reports (CCRs)** are for the previous calendar year and are due to customers by July 1. Reports due July 1, 2011, cover information for the 2010 calendar year.

NOTE: There are 4,111 systems in Washington State that are subject to the SDWA, including 2,235 community systems. The total residential population served by all SDWA public water systems in Washington is around 5,865,000.

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 Notification

Attachment C

ID# Public Water System Identification Number

NAME Water System Name

TYPE

- CWS - Community Water System
- NTNC - Non-Transient Non-Community Water System
- TNC - Transient Non-Community Water System

POP Population served, both residential and non-residential

SRC Source of Drinking Water

- GW – Ground water
- SW – Surface water

VIOL TYPE

- Arsenic MCL – Arsenic Maximum Contaminant Level Violation
- Coliform MCL - Coliform Maximum Contaminant Level Violation
- Nitrate MCL - Nitrate Maximum Contaminant Level Violation
- SWTR 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
- Installed treatment – Installed treatment to address water quality exceedance
- Issued NOV – Have been issued a Notice of Violation directing corrective action
- Group B – Small system not covered by federal Safe Drinking Water Act
- RTC – Returned to compliance

ATTACHMENT B

SAFE DRINKING WATER INFORMATION SYSTEM - ANNUAL PWS COMPLIANCE REPORT

Compliance period: 1/1/2011 – 12/31/2011

VOLATILE ORGANIC CONTAMINANTS (VOC)

Contaminant Code Name	MCL (mg/l)	----- MCLs -----			----- Monitoring -----		
		# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
VOC Totals		0	0	0	1,080	340	26

SYNTHETIC ORGANIC CONTAMINANTS (SOC)

Contaminant Code Name	MCL (mg/l)	----- MCLs -----			----- Monitoring -----		
		# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
SOC Totals		0	0	0	289	75	11

INORGANIC CONTAMINANTS (IOC)

Contaminant Code Name	MCL (mg/l)	----- MCLs -----			----- Monitoring -----		
		# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
IOC Totals		71	20	38*	206	33	155

* Of the 38 systems with MCLs, 32 involved nitrate and 6 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 PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
RAD Totals		NR	NR	NR	NR	NR	NR

COLIFORMS (TCR)

Violation Type	Violation Name	# of Violations	# of RTC Violations	# of PWSs In Violation
21	MCL, Acute (TCR)	12	0	11
23	Monitoring, Routine Major (TCR)	578	0	394

	MCLs			Monitoring		
	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
TCR Totals	12	0	11	578	0	394

SURFACE WATER (SWTR)

	MCLs			Monitoring			Treatment Technique		
	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
SWTR Totals	--	--	--	5	0	3	14	0	3

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 -----			----- Treatment Technique -----		
	<u># of Violations</u>	<u># of RTC Violations</u>	<u># of PWSs In Violation</u>	<u># of Violations</u>	<u># of RTC Violations</u>	<u># of PWSs In Violation</u>
LCR Totals	65	12	53	0	0	0

DISINFECTION BY-PRODUCTS RULE (DBP)

	----- MCLs -----			----- Monitoring -----			----- Treatment Technique -----		
	<u># of Violations</u>	<u># of RTC Violations</u>	<u># of PWSs In Violation</u>	<u># of Violations</u>	<u># of RTC Violations</u>	<u># of PWSs In Violation</u>	<u># of Violations</u>	<u># of RTC Violations</u>	<u># of PWSs In Violation</u>
DBP Totals	NR	NR	NR	NR	NR	NR	NR	NR	NR

CONSUMER CONFIDENCE REPORT (CCR)

<u>Violation Type</u>	<u>Violation Name</u>	<u># of Violations</u>	<u># of RTC Violations</u>	<u># of PWSs In Violation</u>
71	CCR Complete Failure to Report	257	240	257

PUBLIC NOTICE (PN)

<u>Violation Type</u>	<u>Violation Name</u>	<u># of Violations</u>	<u># of RTC Violations</u>	<u># of PWSs In Violation</u>
		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 Viols	# RTC Viols	# PWSs In Viol	# of Viols	# RTC Viols	# PWSs In Viol	# of Viols	# RTC Viols	# PWSs In Viol	# of Viols	# RTC Viols	# PWSs In Viol
CHEM	VOC	0	0	0	1,080	340	26	---	---	---	---	---	---
	SOC	0	0	0	289	75	11	---	---	---	---	---	---
	IOC	71	20	38	206	33	155	---	---	---	---	---	---
	RAD	<u>NR</u>	<u>NR</u>	<u>NR</u>	<u>NR</u>	<u>NR</u>	<u>NR</u>	---	---	---	---	---	---
CHEM Total		71	20	38	1,575	448	186	---	---	---	---	---	---
TCR		12	0	11	578	0	394	---	---	---	---	---	---
SWTR		---	---	---	5	0	3	14	0	3	---	---	---
LCR		---	---	---	65	12	53	0	0	0	---	---	---
DBP		NR	NR	NR	NR	NR	NR	NR	NR	NR	---	---	---
CCR		---	---	---	---	---	---	---	---	---	257	240	257
PN		<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>NR</u>	<u>NR</u>	<u>NR</u>
Grand Total		83	20	49	2,223	460	553	14	0	3	257	240	257

Grand Total # Violations (MCL, Monitoring, Treatment Technique, & Consumer Notification): 2,577

Grand Total # of PWSs in Violation (MCL, Monitoring, Treatment Technique, & Consumer Notification): 816

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 2011

<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>
04461	BASIN CITY WATER-SEWER DISTRICT	CWS	1,494	GW	Coliform MCL	Aug Violation	RTC
31568	BLUEBIRD INN	TNC	45	GW	Nitrate MCL	Quarterly Violations	Under BCA
09570	BURMAN ACRES WATER	CWS	92	GW	Nitrate MCL	Quarterly Violation	Not using high nitrate source
03392	BYBEE, CLYDE W.	NTNC	76	GW	Nitrate MCL	Quarterly Violations	RTC
58451	CEDAR CREEK SDA CHURCH	TNC	50	GW	Coliform MCL	Oct Violation	RTC
AB441	CLAYTON ORCHARDS HOUSING	TNC	72	GW	Nitrate MCL	Quarterly Violations	Under BCA
07200	COLUMBIA CREST ESTATES	CWS	55	GW	Arsenic MCL	Quarterly Violations	In receivership
06152	CONAGRA FOODS LAMB WESTON – PLANT	NTNC	155	GW	Nitrate MCL	Quarterly Violation	RTC
02050	COVINGTON 212	CWS	40	GW	Arsenic MCL	Quarterly Violations	Under BCA
SP202	DAROGA STATE PARK NORTH	TNC	849	GW	Nitrate MCL	Quarterly Violations	Drilling new well
18750	DELTA WATER ASSOCIATION	CWS	420	GW	Nitrate MCL	Quarterly Violation	Under Order
02498	DESERT CANYON DOMESTIC WATER SYSTEM	CWS	293	GW	Nitrate MCL	Quarterly Violation	RTC
26707	EASTLAKE WATER ASSOCIATION	CWS	58	GW	Nitrate MCL	Quarterly Violations	Blending sources
58951	EHLERS LABOR CAMP	TNC	40	GW	Nitrate MCL	Annual Violation	Under BCA
06287	FAITH COMMUNITY CHURCH	TNC	52	GW	Nitrate MCL	Quarterly Violations	RTC
01712	FOREST GLEN ESTATES	CWS	40	GW	Coliform MCL	Dec Violation	RTC
AB073	GKS COUNTRY MRKT - DBA FLYING B #9	TNC	54	GW	Nitrate MCL	Quarterly Violations	Under Order
01874	GOLDEN VALLEY WATER SYSTEM.	CWS	200	GW	Nitrate MCL	Quarterly Violations	Under BCA
19910	GREATER BAR WATER DISTRICT	CWS	169	GW	Nitrate MCL	Quarterly Violation	RTC
25000	HARD RAIN CAFE & MERCANTILE	TNC	74	GW	Coliform MCL	April Violation	RTC
02141	HGH INC WATER SYSTEM	TNC	613	GW	Nitrate MCL	Quarterly Violation	RTC
33666	HOLDEN VILLAGE	CWS	400	SW	SWTR	Sept Violation	RTC
36705	JEFFERSON COUNTY WATER DIST #1	CWS	285	GW	Arsenic MCL	Quarterly Violations	Under BCA
37750	KAPOWSIN WATER DISTRICT	CWS	70	SW	SWTR	Monthly Violations	Under Order
42175	KIONA VILLAGE COURT	CWS	112	GW	Nitrate MCL	Quarterly Violations	Under BCA
43788	LAKE CLE ELUM COMMUNITY CLUB	TNC	28	GW	Coliform MCL	July Violation	Under BCA
45366	LAKEVIEW TERRACE MHP	CWS	135	GW	Coliform MCL	April Violation	RTC
46940	LEVEY PARK	TNC	181	GW	Nitrate MCL	Quarterly Violation	

<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>
59575	NISQUALLY COMMERCIAL PARK	NTNC	940	GW	Arsenic MCL	Quarterly Violation	Installed treatment
62135	NORTHWOOD PARK SYSTEM	CWS	50	GW	Nitrate MCL	Quarterly Violations	Under Order
62150	NORTHWOOD WATER ASSOCIATION	CWS	49	GW	Nitrate MCL	Quarterly Violations	Under Order
29240	OYSTERVILLE	CWS	70	GW	Coliform MCL	July & Sept Violations	RTC
55914	PHEASANT RUN	TNC	95	GW	Nitrate MCL	Quarterly Violation	Issued NOV
29079	PRIEST RAPIDS FISHERIES BUILDING	NTNC	34	GW	Nitrate MCL	Quarterly Violation	Average is below MCL level
56829	RADER FARMS LABOR CAMP	TNC	44	GW	Nitrate MCL	Quarterly Violations	Under BCA
71290	RATHBONE PARK WATER ASSOC	CWS	240	GW	Nitrate MCL	Quarterly Violations	Under Order
11985	REED RANCH ROAD WATER	CWS	42	GW	Coliform MCL	May Violation	RTC
20540	RIGGLEMAN ORCHARDS INC	TNC	70	GW	Nitrate MCL	Quarterly Violations	
64681	SUCIA ISLAND ST PARK-SHALLOW BAY	TNC	350	GW	SWTR	June Violation	RTC
85129	SUN HARBOR WATER DISTRICT #3	CWS	187	GW	Coliform MCL	July Violation	RTC
13451	SUNRISE ESTATES WATER SYSTEM	CWS	30	GW	Nitrate MCL	Quarterly Violations	
87375	TEMPO LAKE WATER CO	CWS	224	GW	Arsenic MCL	Quarterly Violations	Under BCA
88200	THUNDER RIDGE WATER SYSTEM	CWS	145	GW	Coliform MCL	Oct Violation	RTC
AB876	TOAD HOLLER	NTNC	27	GW	Arsenic MCL	Quarterly Violations	Now Group B
56831	VICENTE FARMS & SONS ENTERPRISE	CWS	46	GW	Nitrate MCL	Quarterly Violation	Under Order
AC298	WAHLUKE MEETING HOUSE	TNC	80	GW	Nitrate MCL	Quarterly Violations	Under BCA
AA597	WALLA WALLA RIVER PACKING & STORAGE	NTNC	75	GW	Nitrate MCL	Quarterly Violations	Under BCA
94170	WELCHS WATER ASSOCIATION	CWS	69	GW	Coliform MCL	June Violation	RTC
AA251	WESTERN POLYMER	NTNC	50	GW	Nitrate MCL	Quarterly Violation	Average is below MCL level
05796	WSP KENNEWICK DETACHMENT	TNC	30	GW	Nitrate MCL	Quarterly Violation	
02507	WYCKOFF FARMS - SUNNY HOP	TNC	101	GW	Nitrate MCL	Annual Violation	
AC701	ZIRKLE - WAHLUKE RANCH	TNC	96	GW	Nitrate MCL	Annual Violation	RTC