
Alerts and Violations Follow Up 3-2-1 Contact!

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Drinking Water Services
Oregon Public Health Division

3 – 2 – 1 – **Contact!**

- **Contact** the system!
- **Contact** DWS technical staff with questions!
- Write a **contact** report!

Overview

Contact Reports

- Content of reports
- Details to add
- When are they required?

Return to Compliance (RTC)

- When violations Auto-RTC and when Manually RTC
- Criteria to RTC
- Procedure to RTC
- Quiz

Overview (cont'd)

Chemical Results Greater than Zero

- Review handout/actions required
- Contact Report
- Chemical Schedule Change form
- Quiz

Coliform Alerts

- Procedure and steps to take
- Contact Report
- When is a boil notice or public notice required?
- Quiz

Questions?

Contact Reports

Reminders

- Always use correct Alert ID number (find online)

93517 Alerts - Data Online - Oregon Drinking Water S...

Consumer Confidence Reports (CCR)
Only community water systems require consum

Cross Connection/Backflow Prevention Info
Only community water systems require annual summ

For further information on this public water system, click on the area of interest below:
[System Info](#) :: [Report for Lenders](#) :: [Alerts](#) :: [Violations](#) :: [Enforcements](#) :: [Contacts](#) :: [S](#)
[Coliform Summary](#) :: [Coliform Results](#) :: [Sampling Schedule for Coliform](#) :: [Groundwater](#)
[Chemical Group Summary](#) :: [Latest Chemical Results](#) :: [Entry Point Detects](#) :: [Single /](#)
[Chemical Schedule Summary](#) :: [Chemical Schedule Details](#)
[Lead & Copper](#) :: [Corrosion Control \(LCR\)](#) :: [Nitrate](#) :: [Arsenic](#) :: [Radionuclides](#) :: [GWR](#)
[DBPs](#) :: [TOC & Alkalinity](#) :: [DBP Sample Sites](#) :: [FANLs](#) :: [MRDL](#) :: [Turbidity](#) :: [SWTR](#)

**Oregon Public Health
Drinking Water Data Online**

[Introduction](#) :: [Data Search Options](#) :: [WS Name Look Up](#) :: [WS ID Look Up](#) :: [DWS Home](#) :: [Quick Data Lin](#)

PWS ID: [93517](#) ---- BALDINIS

Alerts indicate water quality tests with analytical results greater than the detection limit or one-half of the maximum all may require some follow-up actions by the Drinking Water Services. See the [Contacts](#) link for reports on follow-up act violations. Violations for this water system can be found [here](#).

Current Alerts (SDWIS database)

Alert ID	Date Generated	Sample Source	Alert Type	Contaminant	Group	Result	Alert Level	MCL
CHEM6650	03/09/2015	EP-A EP FOR WELL (JOSE 11358)	CHEM	NITRATE (AS N)	IOC	7.4023	5.0000	10.0000
CHEM5349	12/02/2014	EP-A EP FOR WELL (JOSE 11358)	CHEM	NITRATE (AS N)	IOC	6.4013	5.0000	10.0000
CHEM5712	03/01/2013	EP-A EP FOR WELL (JOSE 11358)	CHEM	NITRATE (AS N)	IOC	6.9394	5.0000	10.0000
CHEM5633	12/11/2012	EP-A EP FOR WELL (JOSE 11358)	CHEM	NITRATE (AS N)	IOC	6.3500	5.0000	10.0000
CHEM5498	09/06/2012	EP-A EP FOR WELL (JOSE 11358)	CHEM	NITRATE (AS N)	IOC	5.3511	5.0000	10.0000
CHEM5348	05/03/2012	EP-A EP FOR WELL (JOSE 11358)	CHEM	NITRATE (AS N)	IOC	5.1516	5.0000	10.0000
CHEM5296	03/01/2012	EP-A EP FOR WELL (JOSE 11358)	CHEM	NITRATE (AS N)	IOC	6.6972	5.0000	10.0000
CHEM5192	12/21/2011	EP-A EP FOR WELL (JOSE 11358)	CHEM	NITRATE (AS N)	IOC	7.0908	5.0000	10.0000
CHEM4941	07/08/2011	EP-A EP FOR WELL (JOSE 11358)	CHEM	NITRATE (AS N)	IOC	5.4581	5.0000	10.0000

- Or on the email alert:

Subject: Water Quality ALERT: COLI14018 SHEDD CAFE

OHA/Drinking Water Program

Water Quality for

=====

SHEDD CAFE
PWS ID : OR4191722

County : Linn
Agency : LINN COUNTY
System Type: NC

Contact : SHIARA POWELL
Phone : 541-350-3608
Address : 30005 HWY 99 E
City/State : SHEDD, OR 97377

Alert ID : COLI14018

URL : <https://yourwater.oregon.gov/inventory.php?pwsno=91722>

=====

Water Quality ALERT
Contaminant : COLIFORM, E. COLI
Sample Result : Positive
Sample Type : RT

Laboratory : EDGE ANALYTICAL - CORVALLIS
Sample ID : 1512384
Sample Date : 3/24/2015
Data Received : 3/25/2015
Data Batch ID : 19930

Sample Point : kitchen sink
Sample Site : DIST-A

- Using the correct Alert ID number helps to document that the follow-up is completed
- Summary should be brief
- Provide adequate detail
- Include the next actions needed
- Suggest printing out the alert email to take notes on when talking to the operator/system

When Contact Reports are Required

- Boil Water Advisories
- Alerts
 - Total Coliform Positives
 - Chemical Detections (except repeat nitrates)
- M/R Violations – include violation and monitoring or reporting details
- PNC investigations
- All complaints
- OERS (Oregon Emergency Response System) Calls
- Plan Review follow-up

Return to Compliance (RTC)

Some violations are RTC'd automatically but others need to be manually RTC'd.

How do you determine if a violation is auto RTC'd?

Look at the violation page (click on [Violations](#)):

92038 Violations | Data Online | Oregon Drinking Wat...

[Introduction](#) :: [Data Search Options](#) :: [WS Name Look Up](#) :: [WS ID Look Up](#) :: [DWS Home](#) :: [Quick Data Links](#)

PWS ID: [92038](#) ---- DRIFT CREEK LANDING

For questions regarding these violations contact: REGION 2 ---- Laura Burns ---- (541) 726-2587 ext 23

Violations are displayed for the last 5 years only.

Group Abbreviations: GWR = Ground Water Rule, LCR = Lead & Copper Rule, SWTR = Surface Water Treatment Rule, TCR = Total Coliform Rule

Gray shading indicates return to compliance.

[Hide Auto-RTC](#) | [Show Determination Dates](#)

[Click here](#) to see public notices.

Violation History								
Violation Number	Auto-RTC?	Monitoring Period Begin	Monitoring Period End	Facility ID	Analyte Group	Violation Type - Analyte Count <i>Show analytes for all violations</i>	Enforcement Action - Date <i>Show history</i>	Points
3464303	Y	Feb 01, 2015	Feb 28, 2015		TCR	Routine Coliform - Did Not Report Enough - 1		1
3464298	N	Mar 01, 2014	Mar 31, 2014	WTP-A	GWR	Monthly GW Compliance Report - Late/Nonreporting - 1	Returned To Compliance - Jul 23, 2014	1
3464297	N	Feb 01, 2014	Feb 28, 2014	WTP-A	GWR	Monthly GW Compliance Report - Late/Nonreporting - 1	Returned To Compliance - Jul 23, 2014	1
3464299	N	Jan 01, 2014	Jan 31, 2014	SWTR	SWTR	Public Notice Late/Nonreporting (Viol # 3464296) - 1	Returned To Compliance - Jul 23, 2014	1
3464296	N	Jan 01, 2014	Jan 31, 2014	WTP-A	SWTR	Turbidity Standards Not Met (95% NTU) - 1	Returned To Compliance - Jul 23, 2014	10
3464295	N	Dec 01, 2013	Dec 31, 2013	SWTR	SWTR	Turbidity Standards Not Met (95% NTU) - 1	Returned To Compliance - Jul 23, 2014	10
3464294	N	Nov 01, 2013	Nov 30, 2013	WTP-A	SWTR	Turbidity Standards Not Met (95% NTU) - 1	Returned To Compliance - Jul 23, 2014	10
3464293	N	Oct 01, 2013	Oct 31, 2013	SWTR	SWTR	Public Notice Late/Nonreporting (Viol # 3464292) - 1	Returned To Compliance - Jul 23, 2014	1
3464292	N	Oct 01, 2013	Oct 31, 2013	WTP-A	SWTR	Turbidity Standards Not Met (95% NTU) - 1	Returned To Compliance - Jul 23, 2014	10
3464291	Y	Apr 01, 2013	Jun 30, 2013		TCR	Routine Coliform - Did Not Report ANY - 1	Returned To Compliance - Jul 17, 2013	1
3464290	N	Jun 01, 2013	Jun 30, 2013	WTP-A	GWR	Monthly GW Compliance Report - Late/Nonreporting - 1	Returned To Compliance - Jul 23, 2014	1

- How do I manually RTC a violation?
 - Look into the RTC criteria
 - Determine if violation has been corrected and the criteria met
 - Fill out the request form or email the info to DMCE

- What is the criteria to be RTC'd?

The screenshot shows the Oregon Health Authority website. The browser address bar displays 'Compliance Resources' and 'Google'. The page header includes the Oregon.gov logo and a search bar. The main navigation bar features 'Public Health' and various menu items: 'Topics A to Z', 'Data & Statistics', 'Forms & Publications', 'News & Advisories', 'Licensing & Certification', 'Rules & Regulations', and 'Public Health Directory'. The left sidebar lists 'Drinking Water Resources for County/Ag Staff' with sub-items: 'Inventory Updates', 'Water System Surveys', 'Compliance Resources' (circled in red), 'Monitoring Resources', 'Groundwater Rule Resources', 'Conferences & Training', 'Program Elements', 'EPA Staff Resources', 'Document Library', '2014 Silver Falls Conference', and 'Fall Training 2014'. The main content area is titled 'Compliance Resources' and contains a list of links: 'PNC Resolution Process (pdf)', 'Violation RTC Request (doc): This optional template shows the information that DMCE needs to process an RTC request. You can use the template or simply email the required information to DMCE.', 'PNC 5-Month Compliance Letter (doc)', and 'Oregon RTC Criteria (pdf)' (circled in red). A red arrow points from this link to the 'Compliance Resources' link in the sidebar. On the right, there is a 'More Resources' section with links to 'Drinking Water Home' and 'Drinking Water Data Online', and a 'Contact Us' section with a link to 'Drinking Water Services'.

RTC criteria

SS points	Violation Text	PN Tier	Auto RTC	Rule	info	Needed to RTC
10/5*	Chemical MCL based on 1 sample	1/2 *	N	Chems***	*10 points/tier 1 PN if NO3 - all others 5 points/tier 2	Resolve contamination problem or install treatment
10/5*	Chemical MCL based on average of samples	1/2 *	N	Chems***	*10 points/tier 1 PN if NO3 - all others 5 points/tier 2	
10	Acute MCL for Fecal Coliform or E.Coli	1	N	TCR		
5/1**	Chemical Late/Nonreporting		Y	Chems***	**5 points if NO3 - all others 1 point	Meet next reporting period requirements
1	Corrosion Control Late/Nonreporting			LCR	Not currently generated	
1	Routine Coliform: Did not report any		Y	TCR		
1	Routine Coliform: Did not report enough		Y	TCR		
1	Monthly SW Report - Late/Nonreporting		Y	SWTR		
1	Source Assessment Sample - Late/Nonreporting		N	GWR		
1	Monthly GW compliance Report - Late/Nonreporting		N	GWR		
1	DBP1 or DBP2 Late/Nonreporting		Y	Chems***		
1	TOC Late/Nonreporting			Chems***	Not currently generated	
1	LCR late/Nonreporting		Y	LCR		

- RTC request form link

The screenshot shows a web browser window displaying the Oregon Health Authority website. The browser's address bar shows 'Compliance Resources' and the search bar contains 'Find: tiedke'. The website header includes the Oregon Health Authority logo and navigation links for 'About Us', 'Contact Us', and 'Jobs'. A main navigation bar lists categories: 'Topics A to Z', 'Data & Statistics', 'Forms & Publications', 'News & Advisories', 'Licensing & Certification', 'Rules & Regulations', and 'Public Health Directory'. A left sidebar menu is open, with 'Compliance Resources' highlighted in orange. The main content area is titled 'Compliance Resources' and lists several links: 'PNC Resolution Process (pdf)', 'Violation RTC Request (doc)', 'PNC 5-Month Compliance Letter (doc)', and 'Oregon RTC Criteria (pdf)'. The 'Violation RTC Request (doc)' link is circled in red. A 'More Resources' sidebar on the right includes links for 'Drinking Water Home', 'Drinking Water Data Online', 'Contact Us', and 'Drinking Water Services'. The breadcrumb trail at the top of the content area reads: 'Public Health > Partners > Drinking Water Resources for County/Ag Staff > Compliance Resources'.

REGULATOR REQUEST TO RETURN VIOLATION(S) TO COMPLIANCE

If the type of violation is not automatically returned to compliance (check [Appendix A – List of violations and method needed to RTC](#)), the example below shows the information that DMCE needs to return it to compliance in the database. Although optional, you may use this template to complete your request, and either make this document an attachment to an email addressed to dwp.dmce@state.or.us, or copy & paste the information below into an email subject & body as directed below and send it to DMCE.

Subject: RTC for enter PWS system name - enter PWS ID number

(Please paste the completed line above into email's subject line, if submitting by email)

Body of email:

1. What violation type(s) you are requesting be RTC'd? [REDACTED]
2. What did the system do to resolve the problem (how are criteria met)?
[REDACTED]
3. If applicable, give a **link** to the contact report which documents the action(s) the system took to resolve the violation(s), and the date when the corrective action(s) was completed.*

Contact report link (if applicable): [REDACTED]

Corrective action completed: Date [REDACTED]

- Send an email to DMCE– with the following:
 - In the subject line: RTC for “Water System name” - “water system number”
 - In the body: What violation type(s) you are requesting be RTC’d?
 - What did the system do to resolve the problem – how has the criteria been met (refer to the “RTC Criteria” document).
 - Contact report link (if applicable)
 - Date that corrective action was completed

- Keeping RTC's current keeps systems from unnecessarily becoming PNC's
- Try to prevent systems from becoming a Priority Non Complier (PNC)
- After a system has been a PNC for 5 months enforcement efforts are increased.
- Quiz!

Chemical Detects - What to do with results greater than zero?

Refer to handout:

The screenshot shows the Oregon Health Authority website. The left sidebar contains a menu with the following items: Drinking Water Resources for County/Ag Staff, Inventory Updates, Water System Surveys, Compliance Resources, **Monitoring Resources** (circled in red), Groundwater Public Resources, Conferences & Training, Program Elements, EPA Staff Resources, Document Library, 2014 Silver Falls Conference, and Fall Training 2014. The main content area is titled 'Monitoring Resources' and contains a list of links: Chemical Monitoring Schedules for Community and Non-Transient Non-Community groundwater systems (pdf), Standard Monitoring Framework (pdf), **Alerts: What to Do With Chemical Detections (pdf)** (circled in red), Arsenic Testing and Follow-up at TNC and State-Regulated Water Systems (pdf), and Lead and Copper Rule: County Responsibilities When a Lead and/or Copper Action Level Is Exceeded (pdf), and Sample Site Identification and Certification (Form 141-A) (pdf). The right sidebar contains 'More Resources' (Drinking Water Home, Drinking Water Data Online) and 'Contact Us' (Drinking Water Services).

Drinking Water Services
Oregon Public Health Division

What to Do With Results Greater Than Zero (Detections)
Oregon Health Authority Drinking Water Services, Updated December 2013

Problem	Action Needed	Resolution	OAR Citation
Inorganics (including Arsenic)^a			
Result over the MCL	Confirmation sample plus quarterly monitoring ^a . Confirmation sample must be taken within 2 weeks. Average initial + confirmation sample to determine compliance.	Review after 2 quarters for GW, after 4 quarters for SW. Sample qtrly until R&C ^b below MCL, but if running annual average (RAA) is above MCL, treatment is required. For arsenic, DWP generally requires 4 quarters for all systems before review.	OAR 333-061-0036(2)(g) OAR 333-061-0036(2)(a)(D) OAR 333-061-0036(2)(i)(B) Confirmation sample Quarterly monitoring RAA calculation & compliance determination
Nitrate and Nitrite (TNC and NP systems do not sample specifically for Nitrite)			
Result over the MCL	Confirmation sample plus quarterly monitoring.	If avg of initial + confirmation is above MCL, treatment is required. If avg < MCL, monitor quarterly until R&C ^b below MCL.	OAR 333-061-0036(2)(g) (B&C) & OAR 333-061-0036(2)(i)(C) OAR 333-061-0036(2)(d) OAR 333-061-0036(2)(e)(C) Confirmation sample Quarterly monitoring nitrate Quarterly monitoring nitrite & at least annually after that
Result ≥ ½ the MCL	Quarterly monitoring	Continue monitoring qtrly. Review annually to determine whether system should continue quarterly monitoring. If results are R&C below the MCL (for GW) or below ½ the MCL (for nitrates, SW), then system can return to annual monitoring.	OAR 333-061-0036(2)(d) OAR 333-061-0036(2)(e)(C and D) Quarterly monitoring nitrate Quarterly monitoring nitrite, & at least annually after that (in same quarter as the highest previous result)
Lead and Copper^a			
Above Action Level	Review sampling protocol. Collect source testing (first time only) and WQPs ^c , submit treatment recommendation. May need public education.	Install corrosion control, or make necessary adjustments. 2 six-month rounds less than Action Level, minimum WQPs ^c set.	OAR 333-061-0036(2)(c)(G-H) and 333-061-0034(4) OAR 333-061-0036(2)(c)(F) OAR 333-061-0034(2) & (3) OAR 333-061-0034(5) OAR 333-061-0036 (2)(c)(D)(ii) Source water testing WQP requirements Treatment requirements Lead public notice/education Monitoring after installing tx
Volatile & Synthetic Organics^a			
Result over the MCL	Confirmation sample plus quarterly monitoring. ^d	Compliance is based on running annual average.	OAR 333-061-0036 (3)(b)(G) OAR 333-061-0036 (3)(a)(E) OAR 333-061-0036 (3)(b)(F) OAR 333-061-0036 (3)(a)(D) OAR 333-061-0036 (3)(b)(I) OAR 333-061-0036 (3)(a)(G) VOC confirmation sample SOC confirmation sample VOC quarterly monitoring SOC quarterly monitoring VOC annual compliance SOC annual compliance

- Also look at results, current and previous:

For further information on this public water system, click on the area of interest below:

[System Info](#) :: [Report for Lenders](#) :: [Alerts](#) :: [Violations](#) :: [Enforcements](#) :: [Contacts](#) :: [Site Visits](#) :: [Public Notice](#) :: [Plan Review](#)

[Coliform Summary](#) :: [Coliform Results](#) :: [Sampling Schedule for Coliform](#) :: [Groundwater/GWUDI Source Details](#)

[Chemical Group Summary](#) :: [Latest Chemical Results](#) :: [Entry Point Detects](#) :: [Single Analyte Results](#)

[Chemical Schedule Summary](#) :: [Chemical Schedule Details](#)

[Lead & Copper](#) :: [Corrosion Control \(LCR\)](#) :: [Nitrate](#) :: [Arsenic](#) :: [Radionuclides](#) :: [GWR 4-Log](#)

[DBPs](#) :: [TOC & Alkalinity](#) :: [DBP Sample Sites](#) :: [FANLs](#) :: [MRDL](#) :: [Turbidity](#) :: [SWTR](#) :: [RAA](#) :: [LRAA](#)



ND = Not Detected at the Minimum Reporting Level [Spreadsheet](#)

Arsenic Samples - PWS ID: 00996 ---- SAGINAW PARK WATER SYSTEM

Sample ID	Sample Date	Receive Date	Source Name	Source ID	Results	MCL	UOM
1410958001-I	10/23/14	11/19/14	EP FOR WELL #2	EP-A	0.0159000	0.010	MG/L
140755501-I	07/17/14	07/23/14	EP FOR WELL #2	EP-A	ND	0.010	MG/L
142211-I	05/15/14	05/23/14	EP FOR WELL #2	EP-A	ND	0.010	MG/L
141321-I	03/20/14	03/28/14	EP FOR WELL #2	EP-A	ND	0.010	MG/L
140289-I	01/16/14	01/17/14	EP FOR WELL #2	EP-A	0.0180000	0.010	MG/L
134366-I	10/03/13	10/11/13	EP FOR WELL #2	EP-A	0.0160000	0.010	MG/L
132952-I	07/11/13	07/19/13	EP FOR WELL #2	EP-A	0.0390000	0.010	MG/L
131863-I	05/09/13	05/10/13	EP FOR WELL #2	EP-A	0.0180000	0.010	MG/L
130722-I	02/21/13	02/22/13	EP FOR WELL #2	EP-A	0.0190000	0.010	MG/L
125838-I	11/28/12	11/30/12	EP FOR WELL #2	EP-A	0.0150000	0.010	MG/L
123727-I	08/02/12	08/09/12	EP FOR WELL #2	EP-A	0.0200000	0.010	MG/L
122927-I	06/21/12	06/29/12	EP FOR WELL #2	EP-A	0.0220000	0.010	MG/L
120189-I	01/12/12	01/20/12	EP FOR WELL #2	EP-A	0.0220000	0.010	MG/L

- Look at handout and determine what actions are required. Note: If using the form online, the blue OAR's are hyperlinked.
- Contact State staff with any questions
- Contact system and discuss the results and what are the next steps.
- Write a contact report.

- Submit Chemical Schedule change form if required (from the Partners website).

The screenshot shows a web browser window displaying the Oregon Health Authority website. The browser's address bar shows 'Inventory Updates' and the search bar contains 'Oregon.GOV'. The website header includes the Oregon Health Authority logo and a search bar. The main navigation menu includes 'Public Health', 'Topics A to Z', 'Data & Statistics', 'Forms & Publications', 'News & Advisories', 'Licensing & Certification', 'Rules & Regulations', and 'Public Health Directory'. The left sidebar lists 'Drinking Water Resources for County/Ag Staff' with 'Inventory Updates' highlighted. The main content area is titled 'Inventory Updates' and lists several resources:

- **Chemical and Bacteriological Monitoring Schedule Change Form: fillable MS Word -or - printable PDF**
- Treatment Codes (pdf)
- Entry Structure Diagram:
 - Refer to the treatment code list (above) when filling out this form.
 - PDF: Entry Structure Diagram (includes drawing grid)
 - Fillable MS Word (2 parts): Entry Structure Form and Drawing Grid
- Plan Review Routing Form (pdf)
- Source Information: fillable MS Word -or- printable PDF
- Water System Information (doc)

Additional resources listed on the right include 'More Resources' (Drinking Water Home, Drinking Water Data Online) and 'Contact Us' (Drinking Water Services).



Chemical & Bacteriological Monitoring Schedule Change Form OHA Drinking Water Services

System _____ FWS ID# 41
 Contact with _____ Phone () - _____ County _____
 Staff Member _____ Agency _____ Date _____

System Type: Community (C) Non-Transient Non Community (NTNC) Transient Non-Community (NC) State Regulated (NP)

Check if New System or Sample Pt: For new systems, include all necessary chemicals and sampling points.

Entry Point ID (In SDWIS Entry Pt ID "A" will appear as Facility ID "EP-A", Entry Pt ID "B" will appear as "EP-B" etc.)

		<input type="checkbox"/> New Schedule				<input type="checkbox"/> Schedule Reduction				<input type="checkbox"/> Schedule Increase					
Sample Point ID <small>(Entry Pt ID or SRC Sampling Point ID)</small>	Code/Chemical/Analyte <small>See reverse for complete list of chemical groups and analyte codes</small>	Frequency								Begin Date	End Date <small>(Leave blank unless closing a previous schedule)</small>				
		Once	Monthly	Quarterly	Yearly	Once Every 3 Years	Twice Every 3 yrs	Once Every 6 Years	Once Every 9 Years						
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Attach additional page(s) as necessary

Distribution Sampling Point ID (In SDWIS Distrib. Sampling Point "A" will be identified as: Facility ID "DIST-A")

(DBP Sample Points must include peak month that sampling is required in and sample location)

		<input type="checkbox"/> New Schedule				<input type="checkbox"/> Schedule Reduction				<input type="checkbox"/> Schedule Increase					
DBP2 TTHM HAAS LCR ASBO or TCR	DIST-A or IDISE-01 2DBP-01, etc.	Sample Site ID or Street Address <small>(Enter for DBPs only. This address will be used to tie sample results to the site)</small>	# Samples Required	Monthly	Quarterly	Semi Annual	Yearly	Once Every 3 Years	Once Every 6 Years	Once Every 9 Years	Begin Date	End Date			
													For DBP <small>Indicate Peak Month Below</small>	For DBP <small>Indicate Peak Month Below</small>	For DBP <small>Indicate Peak Month Below</small>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

Attach additional page(s) as necessary

Filtered and Raw Water TOC and Alkalinity Schedules for Water Treatment Plants ("WTP-A" for example)

2.5 log Conventional Plants (optional for 2.0 log plants for DBP reduction)

(TOCA schedules should be set for the Common Header (CH) and 2920 schedules should be set for the Water Treatment Plant (WTP-))

Parameter	Frequency					
TOCA	Monthly =>	<input type="checkbox"/>	Quarterly =>	<input type="checkbox"/>		
TOC, 2920	Monthly =>	<input type="checkbox"/>	Quarterly =>	<input type="checkbox"/>		

Comments:

Signature: _____ Date: _____

For technical support and information, please call the Oregon Health Authority/ Drinking Water Services. 571-673-0405
Rev 11/2014

- Create a reminder on your calendar to determine if monitoring can be reduced from quarterly to 1 year or less often!
- Contact DWS technical staff with questions!
- Quiz!

Coliform Alerts

- Procedure can be found on the Partners webpage:

The screenshot shows the Oregon Health Authority website. The left sidebar contains a menu with 'Groundwater Rule Resources' highlighted in orange and a red box. The main content area is titled 'Groundwater Rule Resources' and includes a section 'On this page:' with a list of resources. The 'Coliform Water Quality Investigation Procedure (pdf)' link is highlighted with a red box. Below this, there is a paragraph about the Groundwater Rule (GWR) and another section titled 'Groundwater Rule procedures following a positive routine coliform sample' with a list of resources.

On this page:

- Groundwater Rule procedures following a positive routine coliform sample
- Resources for addressing confirmed *E. coli*-positive sources under the Groundwater Rule
- Representative and combined source monitoring

The Groundwater Rule (GWR), which took effect December 1st, 2009, applies to all public water systems that use groundwater sources or purchase groundwater. The primary purpose of the rule is to protect the public from fecal-related bacterial and viral pathogens in public groundwater systems. *E. coli* is used as the indicator of fecal contamination. If a groundwater source (well or spring) is found to be fecally contaminated, or a significant deficiency or rule violation is identified during a water system survey, the public water system must take corrective action to assure that their consumers are adequately protected. See the following resources for more information on implementing the rule.

Groundwater Rule procedures following a positive routine coliform sample

Under the Groundwater Rule, triggered source water monitoring is required after (or "triggered by") a total coliform positive routine sample.

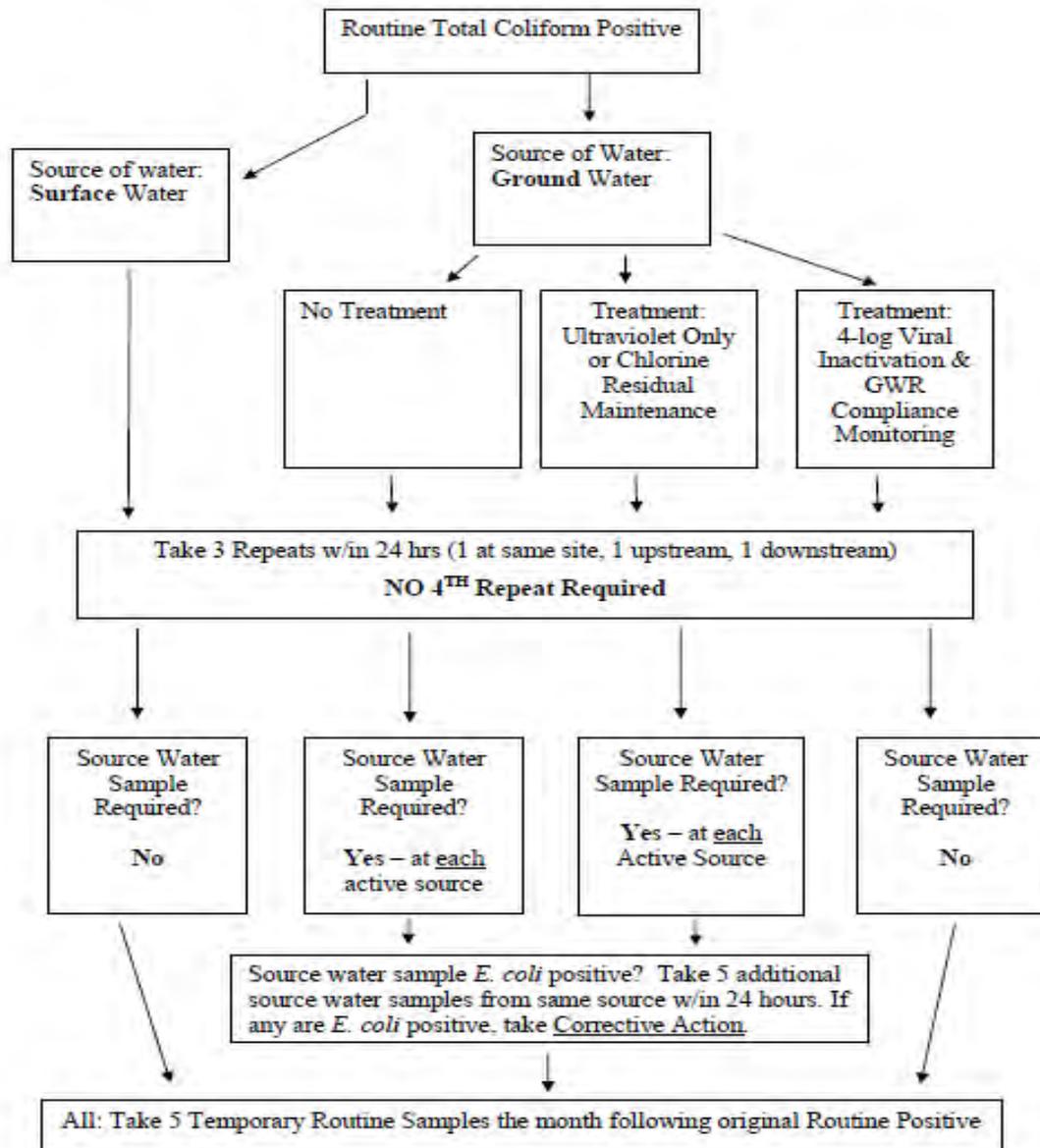
- **Coliform Water Quality Investigation Procedure (pdf):** General procedure for responding to routine sample coliform alerts for all groundwater systems.
- *How Does Triggered Monitoring Affect My Groundwater System? (pdf):* Flowchart showing how triggered source water monitoring meshes with repeat and temporary routine monitoring requirements for small systems (1,000 or fewer persons), although a note on the back gives the minor difference for larger groundwater systems.
- The main *Groundwater Rule Monitoring Requirements* page has definitions for the different types of GWR monitoring and answers *Frequently Asked Questions* about triggered sampling.

Note: This procedure will be changing April 1, 2016 with the new Revised Total Coliform Rule (RTCR)

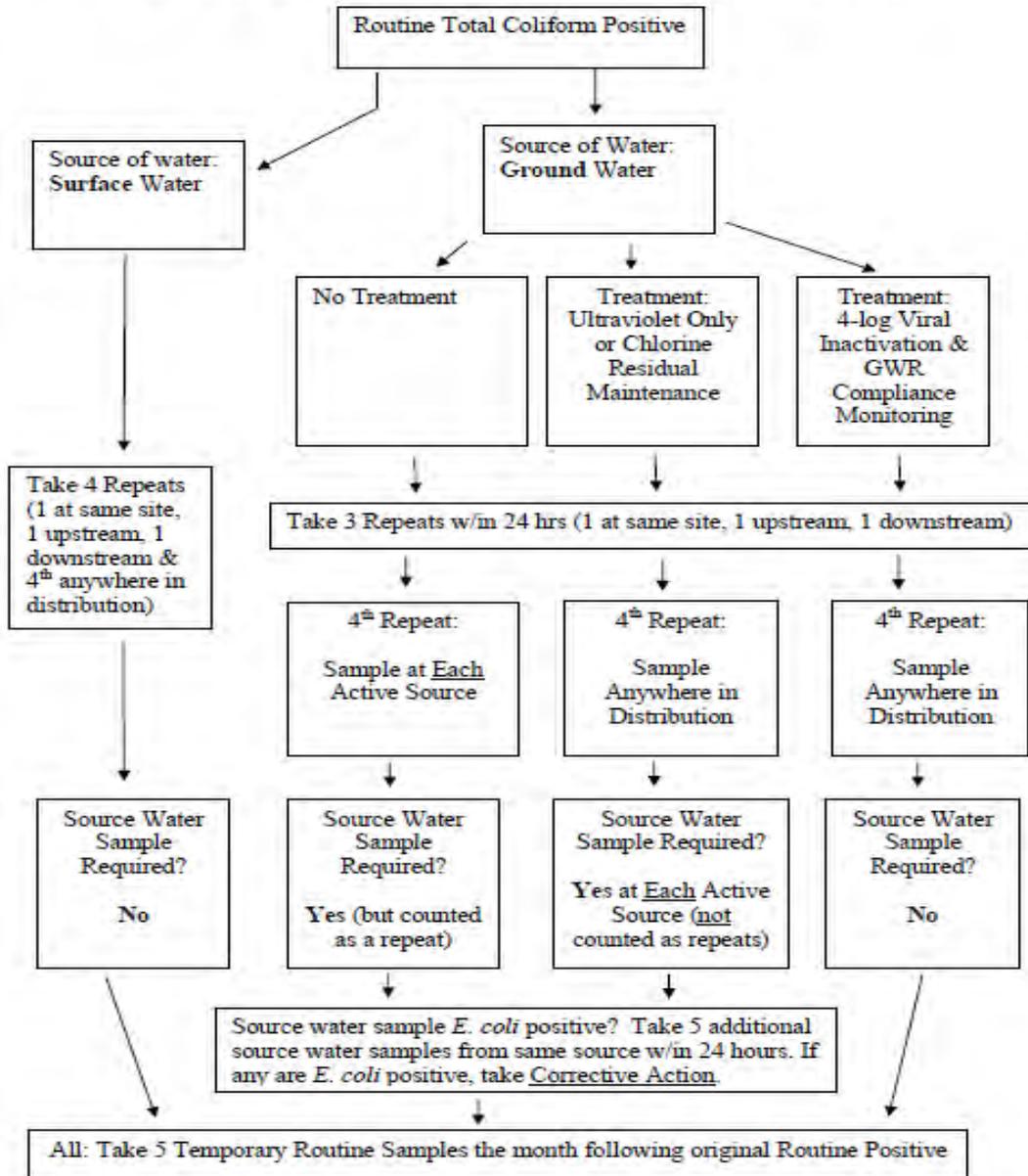
	Coliform WQ Investigation Procedure	Date:	2/14/05
Unit:	Technical Services	Revised:	11/1/12
Purpose & Scope: Establish specific procedures to investigate and follow up on all coliform water quality alerts in public water supplies. An investigation is required whenever DWS, county health department or Dept of Agriculture personnel are notified of a bacteriological contaminant detected in the public water system. This investigation must be documented.			
Procedure/Process:			

- 1) If notified by a coliform water quality alert, call the water system contact person and find out what happened and when.
- 2) Note that the system exceeds the MCL if:
 - a) They have more than one total coliform (TC)//*E. coli* (EC) positive (routines and repeats) and take less than 40 samples per month, or
 - b) More than 5.0% of samples are positive, for systems that take 40 or more samples per month.
- 3) Discuss repeat (and source if groundwater) sampling procedures with the operator, as applicable. Repeat and source samples should be collected within 24 hours of notification from the lab, if possible. Ask the operator to notify DWS of the results of the follow-up sampling.
- 4) Follow up Sampling – Surface Water Systems
 Four (4) repeat samples must be collected by those systems that collect one (1) sample per month, and three (3) repeat samples must be collected by all other systems. The samples should be collected according to their coliform sampling plan. Repeat samples are to be

Sampling for Water Systems >1000 with Routine Total Coliform Positive



Sampling for Water Systems ≤ 1000 with Routine Total Coliform Positive



- Check Data Online for the new schedule
 - Click on [Sampling Schedule for Coliform](#).
 - It is automatically updated when coliform alerts are sent.

94034 Inventory - Data Online - Oregon Drinking Wat...

Oregon Public Health
Drinking Water Data Online

State of Oregon Drinking Water Services logo at page in header

OR41 94034 BONANZA BUSINESS CENTER Classification: TRANSIENT NON-COMMUNITY

Contact: WILLIAM/CINDY WILLIS Phone: 541-545-5410
 PO BOX 458 County: KLAMATH
 BONANZA, OR 97823 Activity Status: ACTIVE -- History

Population: 110 Number of Connections: 4
 Operating Period: January 1 to December 31 Regulating Agency: KLAMATH COUNTY

Certified Operator(s)
 Required: N Owner Type: PRIVATE
 Distribution class: None Licensed By: OHA
 Treatment class: None Approved Drinking Water Protection Plan: No
 Filtration Endorsement Required: No Source Water Assessment: Yes
 Last Survey Date: Nov 10, 2009

Facility ID	Facility Name	Well Logs	Activity Status	Availability	Source Type
EP-A	EP for WELL		A		GW
SRC-AA	WELL		A	Permanent	GW

State ID	Facility Name	Treatment Process	Treatment Objective	Filter Type
WTP-A	TP FOR WELL	RESID. MAINT. HYPOCHLORINATION	OTHER	

Consumer Confidence Reports (Last 5 Years)
Only community water systems require consumer confidence reports.

Cross Connection/Backflow Prevention Information (Last 3 Records)
Only community water systems require annual summary reports and annual fees.

For further information on this public water system, click on the area of interest below:

System Info :: Report for Lenders :: Alerts :: [Well Logs](#) :: [Sampling Schedule for Coliform](#) :: Groundwater/GWUDI Source Details
 Coliform Summary :: Coliform Results :: [Sampling Schedule for Coliform](#) :: Groundwater/GWUDI Source Details
 Chemical Group Summary :: Latest Chemical Results :: Entry Point Data :: Single Analyte Results
 Chemical Schedule Summary :: Chemical Schedule Details
 Lead & Copper :: Corrosion Control (LCR) :: Nitrate :: Arsenic :: Radionuclides :: GWR 4-Log
 DBPs :: TOC & Alkalinity :: DBP Sample Sites :: FANLs :: MRDL :: Turbidity :: SWTR :: RAA :: LRAA

- New schedule is in bold

BONANZA BUSINESS CENTER

PWS #: [94034](#) ---- System Status: Active System Type: NC Population: 110

Current Open Coliform Sample Schedule

(subject to change based upon future test results)

DIST-A: 1 Routine sample(s) per Quarter to be taken beginning 07/01/2015 -

GWR: SRC-AA: 1 Assessment sample(s) per Year to be taken beginning 01/01/2012 -

(A begin aate of 01/01/1991 indicates the year the Total Coliform Rule was established)

Community and Non-transient Non-community water systems that use chlorine or chloramines must measure the [residual disinfectant level](#) at the same points in the distribution system and at the same time when total coliforms are sampled.

Repeat, Temporary Routine, and Prior Coliform Sample Schedules

*(Schedules in **bold** reflect current schedules.)*

TCR: 5 Temporary Routine sample(s) per Month to be taken 04/01/2015 - 04/30/2015 at DIST-A

**GWR: 1 Triggered sample(s) to be taken and reported 03/24/2015 - 04/08/2015
1 at SRC-AA - WELL**

TCR: 4 Repeat sample(s) within 24 hours of a TC+ Routine Sample to be reported 03/25/2015 - 04/08/2015 at DIST-A

TCR: 1 Routine sample(s) per Quarter to be taken 10/01/2002 - 03/31/2015 at DIST-A

GWR: 1 Routine sample(s) per Month to be taken 01/01/2010 - 12/31/2010 at SRC-AA WELL

GWR: 5 Confirmation sample(s) to be taken and reported 08/25/2010 - 09/08/2010 at SRC-AA WELL

- Contact the system
 - Let the system know the results (if they don't already know)
 - Inform the system of the new repeat testing schedule and when the results are due to DMCE
- Write a contact report
 - Include the Alert ID
 - Who was contacted at the system
 - What are the next action items

- When is a Boil Notice required?
 - When an e.coli+ is confirmed by a TC+ or an e.coli+
 - Or a TC+ is confirmed by e.coli+
 - Make sure to send a copy of the Boil Notice to DMCE
 - Write a contact report

- If all repeat samples are absent of coliform, the problem is resolved.
- If any of the repeat samples are coliform positive, the system violates the total coliform MCL.
 - Corrective action
 - Tier 2 (30 day) public notice is required

- Remember, the Public Notice needs to be submitted to DMCE. Let the system know where they need to send it, or send it to DMCE yourself.

- Quiz!

Questions?