
Partner Resources


Betsy Parry, REHS
Drinking Water Services
October 22, 2019



Overview of Presentation

1. Review of Resources on Partner Webpages
(Some new additions)
2. Search Options
3. Resources Elsewhere on our Website
4. Plus a Couple Resources
on Non-DWS Websites



- 
- The Drinking Water website is always a work in progress.
 - Send suggestions to
 - Karyl.L.Salis@dhsosha.state.or.us or
 - Casey.Lyon@dhsosha.state.or.us

DWS Home Page

Oregon Drinking Water Services

Working to keep drinking water safe for Oregonians

Access to safe drinking water is essential to human health. Each person on Earth requires at least 20 to 50 liters of clean, safe water a day for drinking, cooking and simply keeping themselves clean. Oregon Drinking Water Services works to help keep drinking water safe for Oregonians.

Oregon Drinking Water Services (DWS) administers and enforces drinking water quality standards for public water systems in the state of Oregon. DWS focuses resources in the areas of highest public health benefit and promotes voluntary compliance with state and federal drinking water standards. DWS also emphasizes prevention of contamination through source water protection, provides technical assistance to water systems and provides water system operator training.

[Contact Us](#)[Sign up for DWS Alerts](#)[Data Online](#)

✓ Services

- Cross Connection & Backflow Prevention
- Emergency Preparedness & Security
- Groundwater & Source Water Protection
- Monitoring & Reporting
- Operator Certification
- Plan Review
- State Revolving Fund (SRF)
- Water System Operations

📁 Resources


- County & Department of Agriculture Resources
- Data Online
- Domestic Well Safety Program
- Drinking Water Advisory Committee (DWAC)
- For Consumers
- Rules & Implementation Guidance
- Training Opportunities
- Site Map
- Contact Us

* News and Hot Topics

Link

[Proposed Rulemaking: Adoption of Annual Fees](#)[PPL for 2019 Drinking Water Source Protection Grants](#)[PAY 2018 WATER SYSTEM SURVEY FEE ONLINE](#)[Cyanotoxin Resources for Water System Operators](#)[Shutdown tips for seasonal groundwater systems](#)[Information on Healthy School Facilities](#)[View archived hot topics and news items](#)

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-  Contact Report Instructions
-  2014 Department of Agriculture Contract
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On this page:

- Survey Manual and Related Information
- Survey Form Templates
- Survey & Deficiency Follow-up
- For Operators

Survey Manual and Related Information

- ➡  Water System Survey Reference Manual - revised 10/17/2018
-  Water System Survey Procedure - revised 7/10/2019
-  Symbols for Schematics and Sample Water System Schematics
- ➡  Counting Population and Connections for a Public Water System
-  Chemical Monitoring Schedules for Community and Non-Transient Non-Community groundwater systems
-  Standard Monitoring Framework - to assist with completing the water quality monitoring page of the survey
- Outstanding Performance
-  Deficiency List - revised 6/24/2015
-  Setback Issues Found in a Survey - Procedure - new 12/15/2015
-  Membrane Survey Staff Guide - new 12/20/17
-  Plumbing code vs PWS distribution system

Survey Form Templates

-  About Survey Template Packets
- ➡  Survey Template Instructions
- ➡  Instructions for adding an On/Off toggle switch for Word forms
-  Outstanding Performer Template

Counting population and connections for a Public Water System

Final- 10/19/11

Population (C, Residential NP–State Regulated) is the actual year-round residential population. Large PWS population can be looked up using US census data or PSU population data, <http://www.pdx.edu/prc/annual-population-estimates>

Population (TNC, NTNC, Transient NP-State Regulated) is the average daily population of potential consumers (people with access to water for consumption) averaged over the operating season. The operating season is the total number of days where the facility is open to public, regardless of individual days where the population does not meet the definition of a PWS. Ask the operator what the average daily population is and verify they are calculating correctly.

Note that the system is not a PWS unless there are 10 or more potential consumers for at least 60 individual days in the operating period.





Example 1: If a church only operates on Sundays (i.e. only Sundays have at least 10 potential consumers), there would only be 52 operational days per year (not a PWS). It is important to ask the operator of the church if they have other people using the system on days other than Sunday, and if so, include all in the population calculation, meetings, daycare, etc.

Example 2: Consider a TNC state park with visitors primarily Friday - Sunday from May - September. During these approximately 60 days (20 weeks x 3 days per week), an average of 30 potential consumers per day visit the park. During the other four days of the week (Monday -




Scrolling down the partner survey page...

-  Membrane Survey Staff Guide - new 12/20/17





Survey Form Templates

-  About Survey Template Packets
-  Survey Template Instructions
-  Instructions for adding an On/Off toggle switch for Word forms
-  Outstanding Performer Template



The following documents are password protected (they currently open best in Firefox):

-  Packet 1: C-NTNC Groundwater Survey Template - revised 5/30/2018
-  Packet 2: C-NTNC Surface Water Survey Template - revised 5/30/2018
-  Packet 3: TNC-NP Survey Template - revised 5/30/2018

➡ Templates for Survey Cover Letters

-  Community Groundwater Systems - includes outstanding performer information language
-  NTNC, TNC, and Non-EPA Groundwater Systems
-  Community Surface Water Systems - includes outstanding performer information language
-  NTNC, TNC, and Non-EPA Surface Water Systems

Survey Deficiency Follow-up

-  Failure to Take Corrective Action Template for Groundwater Systems
-  Follow-Up of Deficiencies Procedure - New 12/15/2015

For Operators

➡ Resources to assist operators with preparing for surveys and inspections are located on the main site under Water System Operations.

<https://www.oregon.gov/oha/PH/HealthyEnvironments/DrinkingWater/Operations/Pages/osp.aspx>

But Wait – What's this?

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-  About Survey Template Packets

Recent Additions on Partners Webpages:

Procedures:

- TC result invalidation procedure In Coliform section
- Removing chlorination or UV - GW systems Procedure – In Coliform section

Rule Interpretations/ Guidance:

- Plumbing on premises vs distribution system In Survey Section
- No Pressure Boil Guidance In Compliance Section
- Plan review for reopened existing facilities In Compliance Section

Coming soon:

- Determining 4-hour interruption of 4-log disinfection
In Coliform section
- Possibly More on Mobile Home Parks

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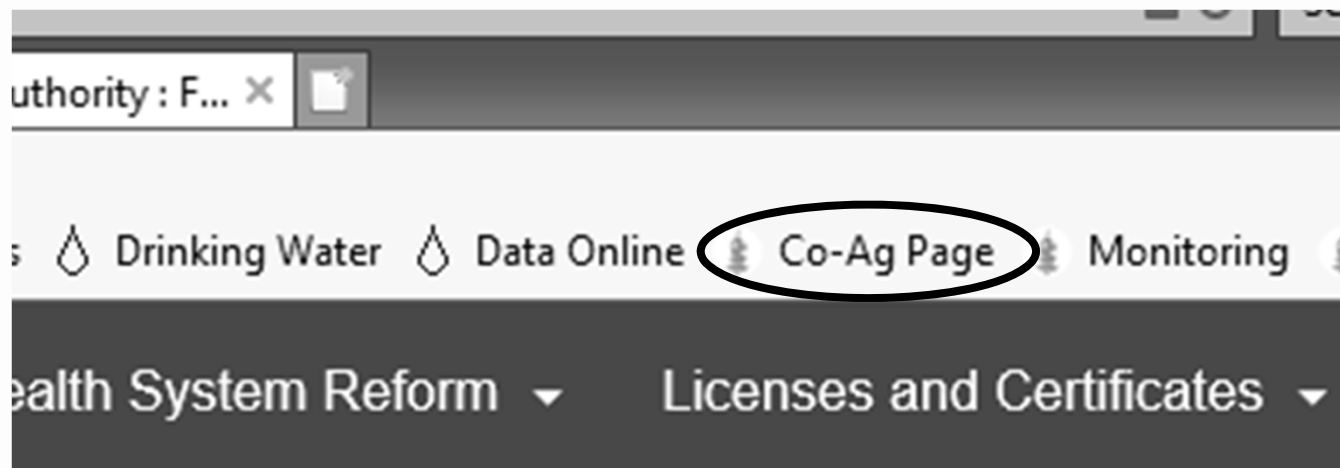
-  Treatment Codes
- Water system classification for operator certification requirements:
Water treatment plants and distribution systems at community and non-transient non-community public water systems are classified based on the size and complexity of the water system facility according to  OAR-333-061-0220. Classification of a water system or water system facility determines the level of certification required for operators in direct responsible charge of : water system or water system facility as prescribed by  OAR 333-061-0225. Use either of the following worksheets to classifi water system:  PDF -or-  Excel

The following documents are password protected:

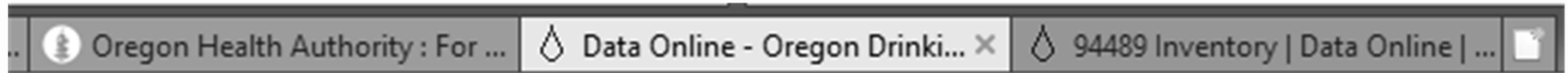
- ➔ • Chemical and Bacteriological Monitoring Schedule Change Form:  fillable MS Word -or-  printable PDF
- Entry Structure Diagram:
 - Refer to the treatment code list (above) when filling out this form.
 -  Entry Structure Diagram (includes drawing grid)
 -  Entry Structure Form and  Drawing Grid
- ➔ • Source Information:  fillable MS Word -or-  printable PDF
-  Water System Information
-  Waiver request and associated  procedure to reduce monitoring from annual to once every three years after a VOC contaminant was detected.

Tip: Consider adding the Partners page to the “Favorites” Bar of your browser

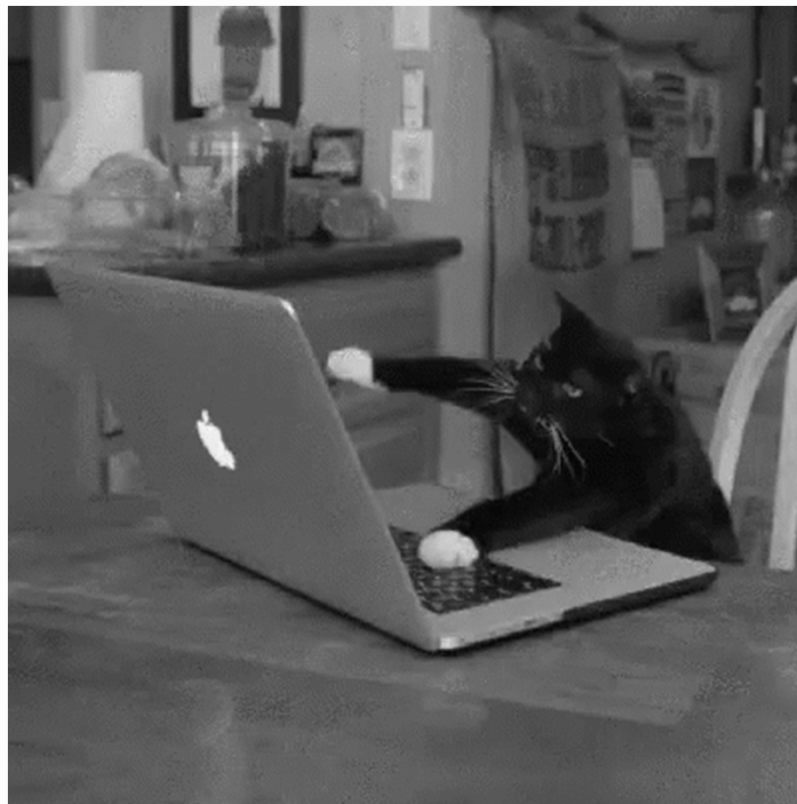
For example...



It saves time!



Tip: “Open in New Tab” saves time when you’re hopping around the website



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On this page:

- Coliform Monitoring Resources
- 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.








Coliform Monitoring Resources

As of April 1, 2016 a detailed investigation is required after the MCL for *E. coli* is exceeded or a second level 1 coliform investigation is triggered in a 12 month period. The individual responsible for conducting sanitary surveys at the water system where the investigation was triggered must complete the investigation within 30 days and submit the completed investigation form to DWS.

- ➡  Coliform Investigation Procedure
-  Level 2 Coliform Investigation Form ( Fillable MS Word)
- ➡  Coliform Alert Response Procedure: General procedure for responding to routine sample coliform alerts for all groundwater systems.
- ➡  Coliform Response Chart - For groundwater systems serving up to 1,000 persons
-  Coliform - Increase to monthly and steps to return to quarterly monitoring
-  Removing Chlorination or UV Light Procedure - Groundwater Systems
-  Total Coliform Invalidation Procedure

Scrolling down the Partner Coliform page...

Resources for addressing confirmed *E. coli*-positive sources under the Groundwater Rule

- ➡  Confirmed *E. coli* Positive Source Procedure: Guidance for the groundwater source evaluation process. Ensures that the proper corrective action is implemented after *E. coli* has been confirmed in the source.
 - Appendix I: Monitoring Following Removal of Temporary Sources of Fecal Contamination (not yet available)
 -  Appendix II: Ongoing Verification that PWS is Meeting Compliance Monitoring Requirements
- ➡  Response Flow Chart for *E. coli* Contaminated Groundwater Source - This flow chart helps show what protocols shall be taken following *E. coli* confirmed in a groundwater source
 -  Source Evaluation Request Form: Use this fillable document to request an evaluation of the well by the DWS Regional Hydrogeologist.
 -  Disinfection Verification Form for Groundwater Systems: This form may be used to determine whether the groundwater system provides the required level of 4-log inactivation viruses through chlorination with contact time.
 -  Cover Letter Template for Requiring GWR Compliance Monitoring (Chlorine Residual Monitoring at the Entry Point): If the approved corrective action consists of the water system providing continuous 4-log treatment of viruses and conducting compliance monitoring, use the attached template. Note that the source construction must be approved by the DWS Regional Hydrogeologist.
 - Compliance Monitoring Monthly Reporting Form: fillable MS Word -or- PDF
The monthly reporting form will need to be attached to the cover letter for compliance monitoring.
 -  Template Follow Up Letter When Corrective Action is Not Completed on Schedule (doc): Use this template letter when the groundwater system fails to take corrective action on an approved schedule within the required 400 day timeframe. The

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-  Chemical Monitoring Schedules for Community and Non-Transient Non-Community groundwater systems
-  Standard Monitoring Framework
-  Alerts: What to Do With Chemical Detections
-  Arsenic Testing and Follow-up at TNC and State-Regulated Water Systems
-  Emergency Groundwater Source Monitoring Requirements

Lead and Copper Rule:

-  Lead or Copper Exceedance Procedure
-  Plumbing Replacement Program Procedure
-  Lead and Copper Tap Sample Invalidation Procedure

What to Do With Results Greater Than Zero (Detections)

Oregon Health Authority Drinking Water Services, Updated April 2018

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, DWS generally requires 4 quarters for all systems before review.	<u>OAR 333-061-0036(2)(f)</u> <u>OAR 333-061-0036(2)(a)(D)</u> <u>OAR 333-061-0036(2)(h)(B)</u> Confirmation sample Quarterly monitoring RAA calculation & compliance determination
Nitrate and Nitrite ^a			
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.	<u>OAR 333-061-0036(2)(f)</u> <u>(B&C)</u> and <u>OAR 333-061-0036(2)(h)(C)</u> <u>OAR 333-061-0036(2)(c)</u> <u>OAR 333-061-0036(2)(d)(C)</u> Confirmation sample Quarterly monitoring nitrate Quarterly monitoring nitrite & at least annually after that
Result $\geq \frac{1}{2}$ the MCL	Quarterly monitoring	Continue monitoring qtrly. Review annually to determine whether system should continue quarterly monitoring. If results are R&C ^b below the MCL (for GW) or below $\frac{1}{2}$ the MCL (for nitrates, SW), then system can return to annual monitoring.	<u>OAR 333-061-0036(2)(c)</u> <u>OAR 333-061-0036(2)(d)(C and D)</u> 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 and WQPs ^c , submit	Install corrosion control, or make necessary adjustments. 2 six-month rounds less than Action Level,	<u>OAR 333-061-0036(10)(g)</u> and <u>333-061-0034(4)</u> <u>OAR 333-061-0036(10)(f)</u> Source water testing WQP requirements

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- ➡ •  PNC Resolution Process
-  PNC 5-Month Compliance Letter
-  Oregon RTC Criteria
- ➡ •  Enforcement Procedure

Other Guidance:

-  No Pressure Boil Water Guidance
-  Plan Review for Pre-existing Facilities

No Pressure Boil Water Guidance

Topic: When to issue a boil water advisory when pressure is lost

Date: October 19, 2009. Modified September 16, 2013 KS KK

Rule: OAR 333-061-0042(2)(a) says that a Tier 1 notice is required for situations with significant potential to have serious health effects on human health as a result of a short-term exposure and include a specific list of scenarios. 0042(a)(H) states that the notice can be issued for other scenarios as determined by the Department.

Issue: We have historically had a public water system issue a boil water advisory when they run out of water in all or a part of the system because of the risk of backflow and/or infiltration of contaminants through leaky pipes and joints. Questions about the specific circumstances and requirements have come up. It is important to provide a consistent message to all water systems while ensuring that public health is protected.

Decision: A boil water advisory should be issued immediately if there is a system malfunction resulting in all or a portion of the system with no water, or negative pressure zones prior to isolating the customer's connection. If the system still has positive pressure, an advisory is not necessary. Due to

Plan Review for Re-Opened Facilities

Topic: Is plan review required when a water system is reopened after inactivity?

Date: September 2015 ks, BKD

Rule: OAR 333-061-0050(1)(b) and ORS 448.131(3) and (5)

Issue: Is plan review required when a recognized public water system is going to be reopened after being inactive for any amount of time?

Decision: No. Plan review is only required for facilities at existing water systems when a water system initially becomes a public water system, if after 1981 or when new facilities are added. If a water system is closed or inactivated but not modified in any way, Drinking Water Services (DWS) does not have the authority to ensure construction standards are met for facilities where plan review was not required previously.

For example, if a water system opened before 1981, DWS cannot apply construction standards adopted after that date unless the particular standard is listed as a significant deficiency in OAR 333-061-0076 or a MCL.

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E-mail: info.drinkingwater@dhsosha.state.or.us
Phone: 971-673-0405
Fax: 971-673-0694



Emergency Response

After hours emergencies: evenings, weekends & holidays

Contact the Public Health Duty Officer and ask to speak to the on-call DWS manager.

Phone: (971) 246-1789
Oregon Emergency Response System (OERS)

Resources

-  Public Records Requests
-  Contract County Directory

Address

Drinking Water Services
800 NE Oregon Street, Suite 640
Portland, OR 97232

Mailing Address

PO Box 14450
Portland, OR 97208-0450

Compliance Report Submission

Drinking Water Services
PO Box 14350
Portland, OR 97293-0350
E-mail: dwp.dmce@dhsosha.state.or.us
Fax: 971-673-0694

Plan Review Email

dws.planreview@dhsosha.state.or.us

Hours of Operation

8:00 AM - 5:00 PM Mon-Fri
On call 24/7

Shows all the methods a water system can submit items to DMCE (e.g., public notices)

Scrolling down the “Contact Us” page...

Contact Us

Hours of Operation

8:00 AM - 5:00 PM Mon-Fri

On call 24/7

About Us

Learn more about Drinking Water Services



Staff

Search



Sort

Export

Name	Role	Phone	E-mail	Program
Molly Keller	Coordinator	971-673-0418	molly.a.keller@dhsosha.state.or.us	PPC Unit - Cross Connection & Backflow Prevention
Tom Pattee	Coordinator	541-726-2587 Ext. 24	tom.pattee@dhsosha.state.or.us	Technical Services Unit - Groundwater and Source Water Protection
Dottie Reynolds	Coordinator	971-673-0426	dottie.e.reynolds@dhsosha.state.or.us	PPC Unit - Operator Certification
Julie Wray	Administrative Support	971-673-0408	julie.l.wray@dhsosha.state.or.us	Technical Services Unit
Carrie Gentry	Coordinator - Region 1	971-673-0191	carrie.l.gentry@dhsosha.state.or.us	Technical Services Unit - Plan Review

Friendly URLs – easier to say on the phone!

- www.healthoregon.org/dwp
www.healthoregon.org/dws } Drinking Water Home page
- www.yourwater.oregon.gov = Data Online
- www.healthoregon.org/pwsplanreview = Plan Review
- www.healthoregon.org/opcert = Operator Certification
- www.healthoregon.org/srf = State Revolving Fund
- www.healthoregon.org/crossconnection = Cross Connection
- www.healthoregon.org/dwpartners = A Regulator's Pal!

**Short
Cuts!**

Some payment ones as well:

- www.healthoregon.org/ccpayments - Online annual payments for Cross Connection
- bit.ly/opcertpayment – Online payments for Operator Certification

Oregon
Health
Authority

Partner Page

 OREGON.GOV

About OHA ▾ Programs and Services ▾ Oregon Health Plan ▾ Health System Reform ▾ Licenses and Certificates ▾ Public Health ▾

 **County & Dept. of Agriculture Resources**
Oregon Drinking Water Services

🏠 > Public Health Division > Environmental Public Health > Drinking Water > County & Dept. of Agriculture Resources

For Environmental Health Specialists

Drinking Water Services

County & Dept. of Agriculture Resources

Water System Surveys

Conferences and Training

Document Library

Inventory Updates

EPA Staff Resources

Coliform Resources

Monitoring Resources

Compliance Resources

Contact Us



The information on this page is designed for and intended for use by Drinking Water Services County and Department of Agriculture partners who have specialized training and are registered as environmental health specialists. If you have questions regarding this material please contact Drinking Water Services at (971) 673-0405.

Notice to Partners

You no longer need the username and password to access the DWS partner's website!

- You can access the partner's site from the main DWS website, or by going to www.healthoregon.org/dwpartners
- Some of the documents require a password to access. It is the same password you used to access the partners site.

Quick Reference

- Enter Contact Reports and Boil Water Advisories
-  2014 Department of Agriculture Contract
-  Revised Program Element #50: Safe Drinking Water **Effective July 1, 2018**
- All other requests or correspondence submit to Compliance Drinking Water

Data Management

The Data Management Unit has created a new email address to receive electronic communications related to **compliance or database updates**.

- The new email address is compliance.dw@state.or.us
- All communication related to the following should be sent to the new email

Key Resources

- Data Online
- For Consumers
- Site Map

Conferences and Training

Drinking Water Services

County & Dept. of Agriculture
Resources

Water System Surveys

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Presentations, documents, and files from conferences, seminars, and trainings are available below. *Some of these files are very large and may take a while to download; the file size is indicated in parentheses if it exceeds 2 megabytes (MB).*

Training Resources

- Silver Falls Conferences
- Fall Training
- Water System Survey Training
- 2008 Drinking Water Program Orientation












Helpful if you remember which training, or could search within this page using a key word

2019 Spring Training Materials

Agenda

 2019 Agenda

Presentations








-  DWS Program Update
-  Water Resources Department (WRD)
-  Emerging Contaminants
-  Web Resources
-  RTC Violation Examples
-  Chemical Monitoring Changes
-  SRF
-  Notifying the Public Jeopardy
-  RTCR Implementation Update
-  Advanced Survey Tips
-  Enforcement

2018 Fall Training Materials



Agenda

 2018 Agenda

Presentations

-  DWS Program Update
-  Lead & Schools Update + Current Topics
-  Setbacks
-  Monthly Coliform Sampling to Quarterly
-  New Systems
-  Boil Water Advisories
-  Cyanotoxins

Webinars

-  Part 1 - Morning
-  Part 2 - Afternoon

R/PARTNERS/

th
Authority

Partner Page

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About OHA ▾ Programs and Services ▾ Oregon Health Plan ▾ Health System Reform ▾ Licenses and Certificates ▾ Public Health ▾

 **County & Dept. of Agriculture Resources**
Oregon Drinking Water Services

Home > Public Health Division > Environmental Public Health > Drinking Water > County & Dept. of Agriculture Resources

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These resources are grouped by type of document: PDF, Word and Excel, PowerPoint and Video. They are ordered alphabetically by Title.

PDF Documents

web-forms.pdf

2016 Fall Training Agenda

2017 Fall Training

2017 Fall Training

2017 Fall Training

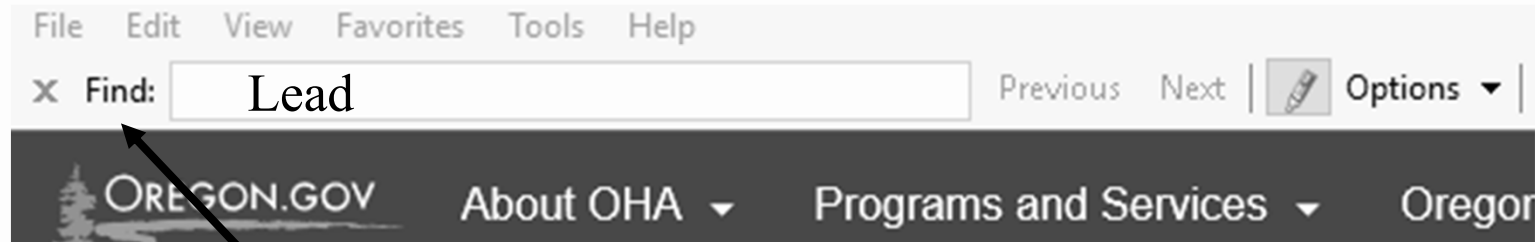
2017 Fall Training

2017 Fall Training

2017 Fall Training





How to Search the Document Library



Hit Control + F to
open search field

Document Library

X Find: Previous Next  Options ▾ 7 matches

 [About OHA ▾](#) [Programs and Services ▾](#) [Oregon Health Plan ▾](#) [Health System Reform ▾](#) [Licenses and Certificates ▾](#) [Public](#)

- Fall Training - Cyanotoxins
- Fall Training - **Lead** & School Update & Current Topics
- Fall Training - Monthly Coliform Sampling to Quarterly
- Fall Training - New Systems
- Fall Training - Setbacks
- Fall Training 2016 - Compliance Schedules
- Fall Training 2016 - Drinking Water Services Program Update
- Fall Training 2016 - **Lead** & Copper Rules
- Fall Training 2016 - **Lead** & Copper Tools
- Fall Training 2016 - Survey Forms & Contact Reports
- Fall Training 2016- **Lead** & Schools
- Groundwater Source Evaluation Request
- GWR: Appendix II - Ongoing Verification that PWS is Meeting Compliance Monitoring Requirements
- Hydrogeologist Responsibilities for Confirmed E. Coli & GWUDI Evaluation Procedures
- Instructions for adding an on/off switch to your Word toolbar
- Lead** & Copper Exceedance Procedure

Hits!

File Edit View Favorites Tools Help

X Find: Procedure Previous Next Options 13 matches

OREGON.GOV About OHA Programs and Services Oregon

Chemical Monitoring Schedule Changes

circuit rider civil west

Coliform – Increase to monthly and steps to return to quarterly monitoring

Coliform Alert Response procedure

Coliform Investigation Procedure

Confirmed E. Coli Positive in a Groundwater Source

Counting Population for a Public Water System

cross connection

Where are Public Notice Templates?

Oregon Drinking Water Services

Working to keep drinking water safe for Oregonians

Access to safe drinking water is essential to human health. Each person on Earth requires at least 20 to 50 liters of clean, safe water for drinking, cooking and simply keeping themselves clean. Oregon Drinking Water Services works to help keep drinking water safe.

Oregon Drinking Water Services (DWS) administers and enforces drinking water quality standards for public water systems in the state. DWS focuses resources in the areas of highest public health benefit and promotes voluntary compliance with state and federal drinking water standards. DWS also emphasizes prevention of contamination through source water protection, provides technical assistance to public water system operators and provides water system operator training.

[Contact Us](#)[Data Online](#)

Services

- Cross Connection & Backflow Prevention
- Emergency Preparedness & Security
- Groundwater & Source Water Protection
- Monitoring & Reporting
- Operator Certification
- Plan Review
- State Revolving Fund (SRF)
- **Water System Operations**

Resources

- County & Department of Agriculture Resources
- Data Online
- Domestic Well Safety Program
- Drinking Water Advisory Committee (DWAC)
- For Consumers
- Rules & Implementation Guidance
- Training Opportunities
- Site Map
- Contact Us



Where are Public Notice Templates?

Resources for Oregon Water System Operators

Drinking Water Services

Water System Operations

Surface Water Treatment

Capacity Development

Public Notice Resources & Templates

Fact Sheets & Best Management Practices

Water System Surveys & Outstanding Performance

Circuit Rider Program

Pipeline Newsletter

Contact Us

Surface Water Treatment

Water systems that treat surface water sources have to deal with complex regulatory requirements, constantly changing raw water quality, and costly management of various assets. The Surface Water Treatment site provides information and tools needed to optimize water treatment processes and maximize public health protection without costly capital improvements.

Capacity Development

Water system capacity is the technical, managerial and financial capability of a water system to achieve and maintain compliance with drinking water standards and consistently provide safe drinking water. The Capacity Development site provides information and resources for drinking water systems to help build their capacity.

Public Notice Resources & Templates

Water systems are required to issue public notices to alert consumers under specific circumstances (for example, when exceeding a Maximum Contaminant Level, failing to complete required tests, failing to report the results, or failing to meet treatment technique requirements). This page includes information on public notification requirements and templates for issuing public notices, as well as translations and FAQs for effective communication with partners and the public.

Fact Sheets & Best Management Practices

Information, techniques, and best management practices for water system management, including coliform sampling plans, start-up and shut-down tips for seasonal systems, shock chlorination instructions, preparing for water system surveys.

Water System Surveys & Outstanding Performance

Information for water system operators on how to prepare for water system surveys and treatment plant inspections, as well as information on the outstanding performance designation for community water systems.

Circuit Rider Program

Circuit Riders provide free on-site technical services for short-term operational problems for community water systems serving populations under 10,000, as well as not-for-profit transient and non-transient non-community water systems.

Pipeline Newsletter

Published quarterly by Oregon Drinking Water Services, the Pipeline newsletter provides information on technology, training, and regulatory and policy issues for public water systems in order to improve the quality of drinking water in Oregon.

Key Resources

- Drinking Water Services
- For Community Water Systems
- Site Maps

Other Items on Operations Page - Pipeline Articles for Public Systems

Resources for Oregon Water System Operators

Drinking Water Services

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Surface Water Treatment

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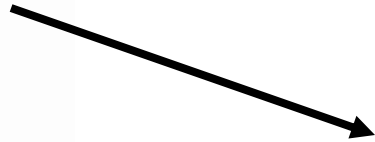
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Key Reso

- Drinking
- For Cor
- Site Ma



Other Items on Operations Page - Pipeline Articles for Public Systems

X Find: coliform investigations



Control & F

 March 2016

Drinking water fee increases take effect January 2; Thirtieth anniversary of primacy in Oregon; Does your storage tank need maintenance?; April showers bring... new requirements for seasonal water systems; No joke, new rules for coliform bacteria arriving on April 1, 2016; 2016 source water assessment updates; Congratulations to our "Outstanding Performers"!; Meeting Calendar; Training Calendar.

 October 2015

Coliform Monitoring Changes; Is Your Water System's Coliform Sampling Plan Up-to-Date?; Level 1 and Level 2 **Coliform Investigations**; New Requirements for Seasonal Water Systems; Staff Updates; Congratulations to our "Outstanding Performers"!; Meeting Calendar; Training Calendar.

 September 2015

2015 Legislature Authorizes Increased Drinking Water Fees; Allowable Continuing Education Unit Topics for Operators Expanded.

.....

Other Items on Operations Page - Circuit Rider Assistance

Resources for Oregon Water System Operators

Drinking Water Services

Water System Operations

Surface Water Treatment

Capacity Development

Public Notice Resources &
Templates

Fact Sheets & Best Management
Practices

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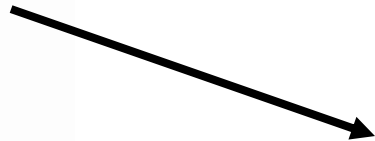
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Other Ways to Search – Top Right of Any Public Health Page



Search Results

Web

Image

About 504 results (0.17 seconds)

Sort by:

Relevance

Oregon Health Authority : Consumer Confidence Reports ...
<https://www.oregon.gov/oha/ph/HealthyEnvironments/.../ccr.aspx>
All community water systems are required to submit an annual Consumer Confidence Report (CCR) to their customers. A CCR must cover the previous calendar ...

CCR Monitoring and Reporting: CCR Certification Form
https://www.oregon.gov/oha/PH/.../MONITORING/.../ccr_apdx.pdf
File Format: PDF/Adobe Acrobat
(If the CCR has been distributed, it is recommended that this form be sent to Drinking Water Services at the same time a copy of the CCR is sent to the program; ...

Bingo! Here's the CCR Checklist

Consumer Confidence Report - Required Components

Oregon Health Authority Public Health Division – Drinking Water Services

(Refer to Oregon Administrative Rule 333-061-0043 for specific rule information)

General Water System Information:

- ☐ Contact person's name and phone number.
- ☐ List of opportunities for public participation (board/city council meetings, protection committees, etc.).
- ☐ Systems that have a large proportion of non-English speaking residents must state in the appropriate language that the report contains important information and should be translated.

Source Information:

- ☐ List all sources used, including the commonly used name(s), type (ground water, surface water or a blend), and the general location(s). Include water purchased from another supplier.
- ☐ State that a source assessment is available for customer's review (you should have a copy). Include a brief summary of your source water's susceptibility to contamination based on the findings of the assessment.

Definitions:

- ☐ Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking

Other Ways to Search – Site Map



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[Contact Us](#)[Sign up for DWS Alerts](#)[Data Online](#)

✓ Services

- Cross Connection & Backflow Prevention
- Emergency Preparedness & Security
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- Operator Certification
- Plan Review
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📄 Resources

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- For Consumers
- Rules & Implementation Guidance
- Training Opportunities
- **Site Map**
- Contact Us

* News and Hot Topics

Link

[Proposed Rulemaking: Adoption of Annual Fees](#)[PPL for 2019 Drinking Water Source Protection Grants](#)[PAY 2018 WATER SYSTEM SURVEY FEE ONLINE](#)[Cyanotoxin Resources for Water System Operators](#)[Shutdown tips for seasonal groundwater systems](#)[Information on Healthy School Facilities](#)[View archived hot topics and news items](#)

Sitemap

Please browse this list of web pages on the Drinking Water site. The pages are organized alphabetically by category

Drinking Water Services

Cross Connection and Backflow Prevention

Drinking Water
Locations

Emergency
Services

Ground & Source Water Protection

Monitoring and Reporting

Operator Certification

Plan Review

Water System Operations

Advisory Committee

Capacity Development

Water System Capacity

County & Dept. of Agriculture Resources

Coliform Resources

Compliance Resources

Conferences and Training

Document Library

Emergency

Key Resources

Drinking Water
for Consumers
Site Map

Has the “site map” been helpful
to your needs?

County Partners Have Web Resources, too!

Including some original material...



Drinking Water Related Forms & Resources

Revised Coliform Sampling Plan

Word Doc

PDF

Preparing for a Water System Survey

PDF

Operations & Maintenance Manual Template

Word Doc

Level 1 Coliform Investigation Form

Word Doc

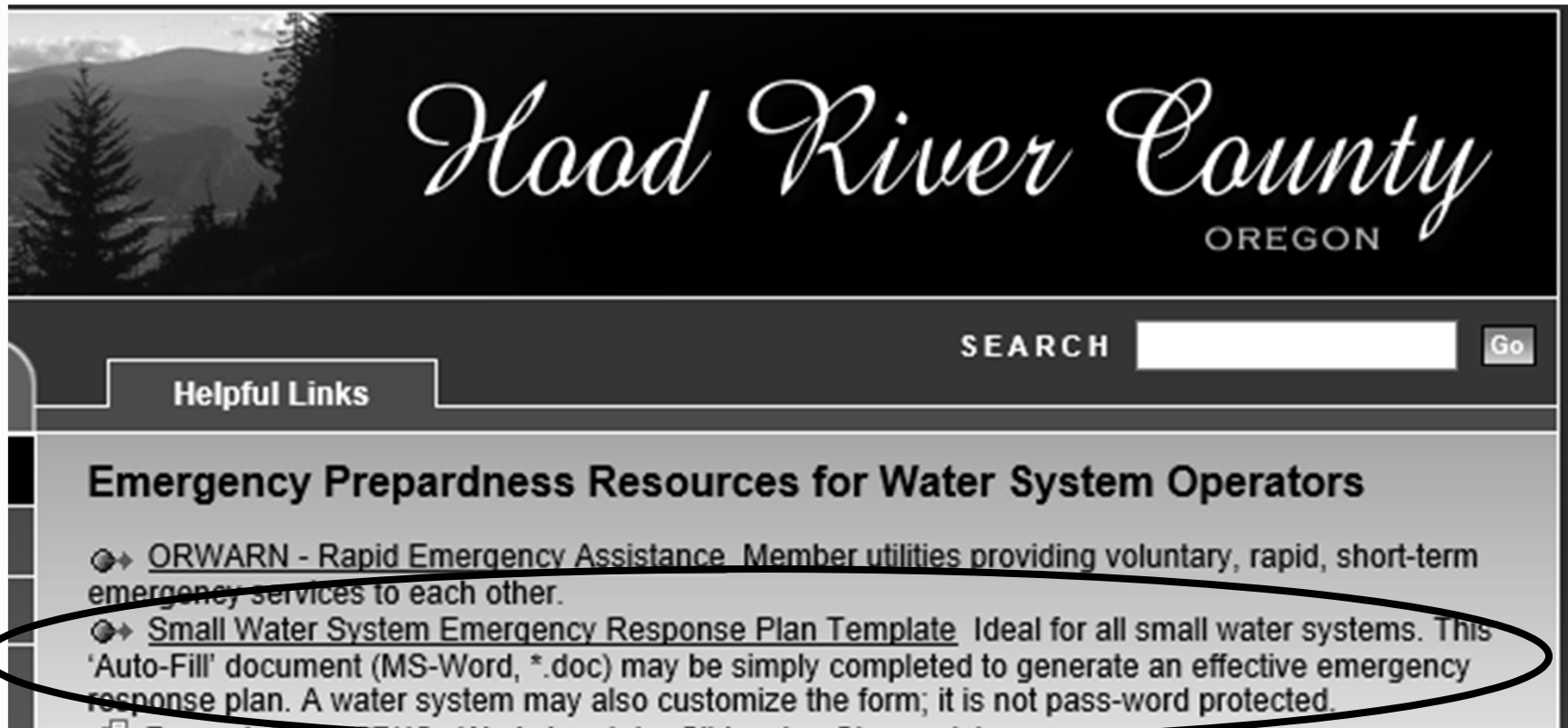
PDF

Boil Water Advisory - Fecal Coliform / E. coli MCL

Word Doc

PDF

County Partners have Resources, too!



Besides the Circuit Rider, What Other Technical Assistance is Available to Systems?

- Oregon Association of Water Utilities (OAWU):
 - <https://oawu.net>
- Rural Community Assistance Corporation (RCAC):
 - <https://www.rcac.org/environmental/water-wastewater-services/>



What is OAWU?

- Oregon Association of Water Utilities is a non-profit, independent association of water and wastewater utilities; receive federal funding.
- What do they do?

OAWU offers on-site assistance in many areas, including Safe Drinking Water Act and Clean Water Act regulations, water treatment technology, distribution system operation and maintenance, and wastewater treatment and collection. The association also provides assistance with management issues, such as, rate structures and reviews, funding programs, budgeting and public relations. In addition, members receive the quarterly magazine H2Oregon, legislative updates, and discounts on training seminars and annual meeting registration.

What does RCAC do?

Water, wastewater & solid waste services

RCAC assists rural communities to build, improve, manage, operate, or finance drinking water and wastewater systems. RCAC helped rural communities access millions of dollars in grants and loans and trained thousands of individuals through customized on-site technical assistance and workshops. Infrastructure development can be an extensive and intricate challenge, with a web of problems and details arising at every turn, including a lack of local experience. Following is a list of some services RCAC provides:

- Asset management strategies
- Capital improvement planning
- Energy audits for utilities
- Hiring consultants, engineers & contractors
- Operation & maintenance manuals
- Restructuring & consolidation evaluation
- Setting & reviewing rates
- Training workshops

Summary:

- Resources are Available on Drinking Water Services and Other Websites
- The Partners' Page is **Chock-Full** of Useful Resources for Regulators
- More Resources are Being Added, and Suggestions are Welcome
- Share Other Resource Pages (for example, Technical & Financial Assistance) with your Water System Operators

Questions?

Betsy Parry, REHS

Drinking Water Services

Betsy.L.Parry@state.or.us

541-726-2587 ext. 30

Website suggestions:

Karyl.L.Salis@dhsosha.state.or.us or

Casey.Lyon@dhsosha.state.or.us