



OREGON
HEALTH
AUTHORITY

May 20, 2026

Preparing for a Water System Survey

Outline



SURVEY
REQUIREMENTS:
EIGHT SURVEY
ELEMENTS
GETTING
STARTED



SCHEDULING



REVIEWING:
DATA ONLINE /
PLAN REVIEWS



PREPARING:
PREVIOUS
SURVEYS AND
LETTERS



CRUSTY'S
TAVERN AND
CAMPGROUND -
TIPS FOR
SUCCESS



QUESTIONS &
ANSWERS

Survey Requirements



An on-site review of sources, treatment, distribution system, storage, monitoring and reporting, management and operations, and operator certification - to determine system's ability to deliver safe drinking water



Conducted every three to five years



Required under Oregon Administrative Rule –(OAR) 333-061-0076

Survey Requirements: Eight Survey Elements

Water sources

Treatment

Distribution systems

Finished water storage

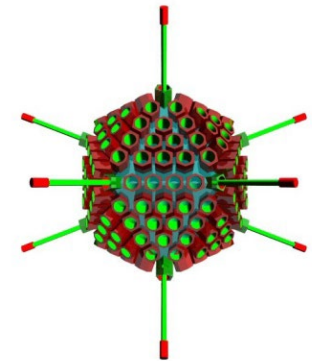
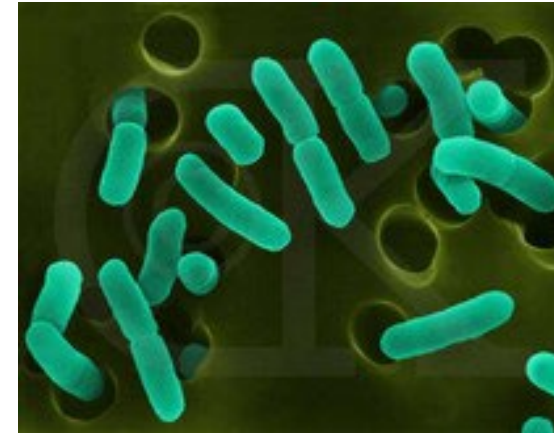
Pumping facilities & controls

Monitoring & reporting

Management & operations

Operator certification

Multi-barrier Approach



Survey Requirements Getting Started

- Survey list for the year:
<https://yourwater.oregon.gov/wss.php>
- Files/Records – check your files or contact regional technical service staff
- Use most recent OHA-DWS Survey Forms:
<https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/PARTNERS/Pages/surveys.aspx>



XYZ Water System
Water System Survey
OHA Drinking Water Services

PWS ID: 41 #####
Survey Date: mm/dd/yy

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Significant Deficiency and Unmet Rule Requirement Summary

Surveyor(s): _____

Date Corrective Action Plan is due: _____ County: _____

Yes	No	N/A	Significant Deficiencies and Unmet Rule Requirements:	Unaddressed in past survey(s)? Yes No	Date to be corrected	Date corrected
☐	☐	☐	Source			
			Well construction:	☐ ☐		
			Spring/other source:	☐ ☐		
☐	☐	☐	Treatment			
			Surface water treatment:	☐ ☐		
			Disinfection:	☐ ☐		
			Other treatment:	☐ ☐		
☐	☐	☐	Finished Water Storage			
				☐ ☐		
☐	☐	☐	Distribution			
			Booster Pumps:	☐ ☐		
☐	☐	☐	Monitoring			
				☐ ☐		
☐	☐	☐	Management & Operations			
			Operator Certification:	☐ ☐		
☐	☐	☐	Other			
				☐ ☐		

Database Updates: ☐ None ☐ Inventory ☐ Treatment ☐ Monitoring ☐ Page:

Survey report sent on: mm/dd/yy ☐ Email ☐ Hardcopy through USPS ☐ Both

Comments:

Scheduling

Regulators should notify public water systems that survey will be scheduled in that calendar year.

State, County Health Departments, and Department of Agriculture can call or email to schedule the site visit.

Access to all facilities is required!



Preparing for a Water System Survey



PUBLIC HEALTH DIVISION
Center for Health Protection, Drinking Water Services



For Water System Operators: Preparing for a Water System Survey

A water system survey is an on-site review of sources, treatment facilities, and storage reservoirs, as well as office time to review important records.

For all water systems:

1. Written coliform sampling plan.*
2. A map of the distribution system.*
3. Operation and Maintenance Manual, and other written procedures.*
4. Emergency Response Plan.*
5. Chemical dosage records if treatment is applied.
6. Proof of [NSF Standard 60 certification](#) for each chemical added to drinking water.
7. Chlorine residual monitoring records if the water system is chlorinated.
8. Results of any tracer study to verify disinfection contact time, if applicable.
9. Photos or other documents that provide enough detail to determine the current condition of storage reservoir features:
 - a. Access hatch in open and closed/locked positions,
 - b. Air vents that show all screening is secure with no gaps, and
 - c. Any other openings into the tank interior such as telemetry ports and cathodic protection.

In addition, for Community water systems:

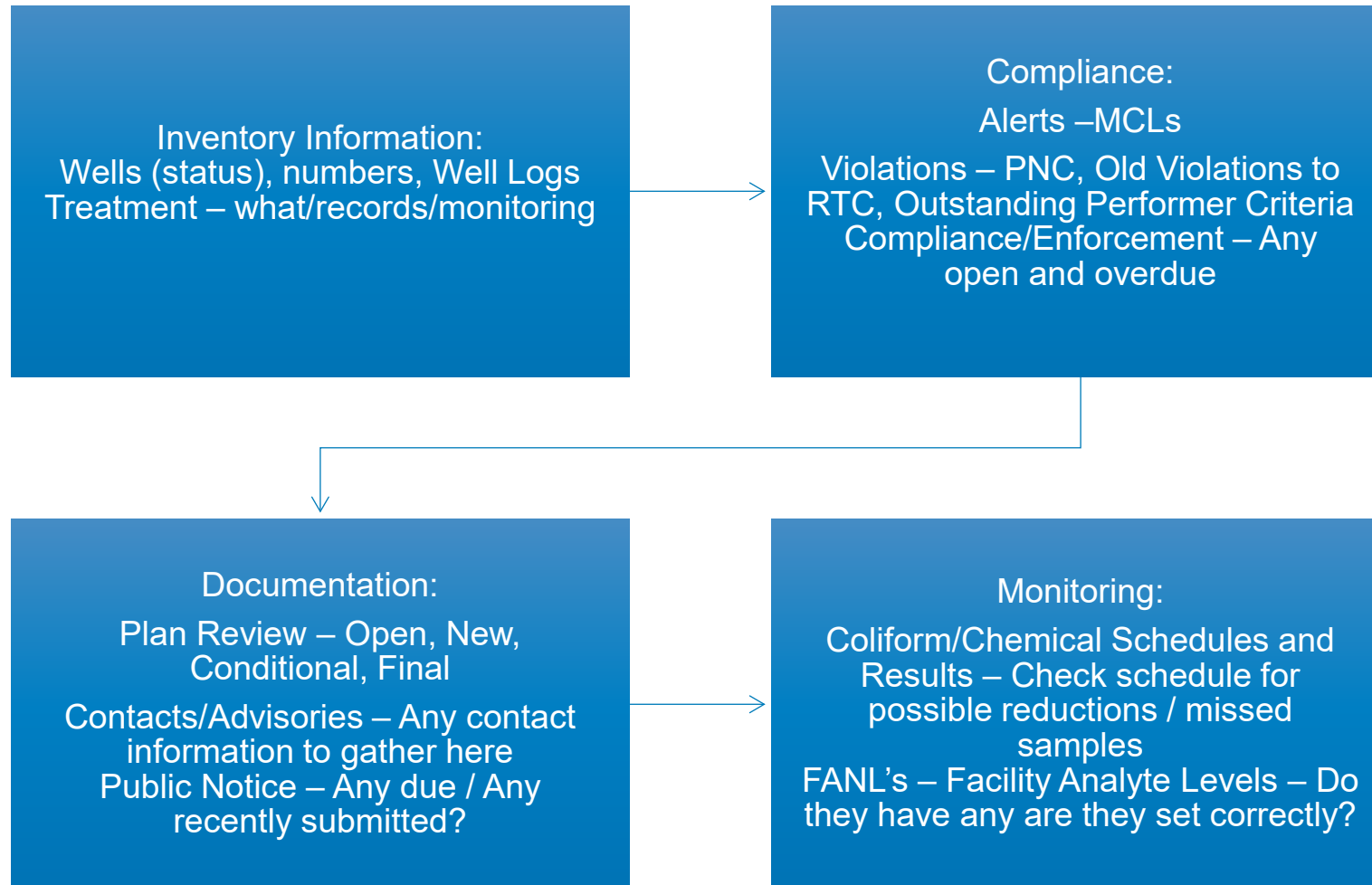
10. Cross-connection control program plan, testing records, and latest Annual Summary Report.
11. Written protocols for under-certified operators, if applicable.

*Documents sent electronically to government entities become public information. Documents containing sensitive information should NOT be sent electronically.

For more information, visit www.healthoregon.org/dws.
You can also call Drinking Water Services at 971-673-0405 or email
Info.DrinkingWater@odhsoha.oregon.gov.

2/9/2023

Reviewing: Data Online



Reviewing: Plan Reviews

Open Plan Reviews – Check if there is an open or new plan review – what may have changed on site



Conditional Approvals – check CA letters/links online – see what may be needed for final approval – be prepaired for new treatment/wells onsite



Final Approvals – all plan reviews should have final approvals – systems can submit final approval to plan review – contact reviewer with any questions



Abandoned Project – were they abandoned? Status?

Preparing: Use Previous Surveys and Letters



Pull previous survey and compare to data online.



Note comments or issues on current survey form to follow up as needed.



New frontpage questions regarding previous deficiencies/unmet rules



Letters – survey letters may have additional information regarding comments and or survey issues.

Tips for Success: Crusty's Tavern & Campground

Schedule:

1. Contact Owner/Operator – Use Email or Phone Contact to schedule onsite appointment with Operator. Ensure access to all necessary areas
2. Set Appointment Date/Time/Meeting Location – Ensure date and times are confirmed. Discuss meeting location to prevent confusion.

Public Health Division
Drinking Water Services
Tina Kotek, Governor



1/1/26

Mr Crusty
PO Box 000
Springfield, OR 97477

This letter is a reminder that **Crusty's Tavern and Campground** water system is required to have a water system survey in 2026. The purpose of this survey, or inspection, is to evaluate the system's capability to provide safe water, identify any significant deficiencies, and require correction if necessary.

I am the water system's regulator contact, and I need to set up an appointment sometime this year with the water system operator(s) for conducting the water system survey. I will need to review the system's source, treatment, distribution, storage, operations, and monitoring. You can find a list of information to have available for inspection and a list of significant deficiencies on our website at <http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Operations/Pages/osp.aspx>. Oregon Health Authority Drinking Water Services (DWS) encourages water system operators to routinely review their facilities and operations and continuously ensure that no deficiencies exist in their system.

To expedite the onsite portion of the survey, the DWS request that documents that need to be reviewed during the survey be electronically sent prior to the scheduled in-person portion of the water system survey. Documents the DWS will need to review:

- Written coliform sampling plan.
- A map of the distribution system.
- Operation and Maintenance Manual, and other written procedures.
- Emergency Response Plan.
- Chemical dosage records if treatment is applied.
- Chlorine residual monitoring records if the system is chlorinated.

2080 Laura Street, Springfield, OR 97477 | Voice: 541-510-6836 | Fax: 541-465-2914
www.healthoregon.org/dws

Tips for Success: Crusty's Tavern & Campground

Review:

1. Data Online – Ensure data is up to date
2. Previous surveys – Compare with previous survey from 2021 – what has changed? What still needs to be resolved.
3. Plan Reviews – What's new? What needs completed?
4. Violations/Alerts – Contact reports?
5. Contacts/Advisories
6. Bacterial and Chemicals Results – MCL's

***Use new survey forms



Introduction • Data Search Options • Water System Search • DWS Home • DWS Rules • Quick Data Links

OHA Drinking Water Services

OR41 XXXX CRUSTY'S TAVERN AND CAMPGROUND **Classification:** TRANSIENT NON-COMMUNITY

Contact: MR CRUSTY
PO BOX 000
SPRINGFIELD, OR 97477

Population: 1,234
Operating Period: January 1 to December 31
Certified Operator(s)
Required: N
Distribution class: None
Treatment class: None
Filtration Endorsement Required: No

Phone: 541-555-5555
County: LANE
Activity Status: Active Apr 23, 1992 -- [History](#)
Number of Connections: 12
Regulating Agency: [REGION 2](#)
Owner Type: PRIVATE
Licensed By: OHA
Last Survey Date: [May 20, 2021](#)
[Source Water Protection Status](#)

[View on Map](#)

Sources

Facility ID	Facility Name - Well Logs	Activity Status	Availability	Source Type
EP-A	EP FOR WELL - GW	A		GW
SRC-AA	WELL	A	Permanent	GW
SRC-AB	WELL #2	A	Permanent	GW

[Show Disconnected and Abandoned Sources](#)[Find Purchasers/Seller](#)

Treatment

Facility ID	Facility Name	Filter Type	Giardia Removal Credit	Treatment Process	Treatment Objective
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Consumer Confidence Reports (Last 5 Years)
Only community water systems require consumer confidence reports.

Cross Connection/Backflow Prevention Information (Last 5 Years)
Only community water systems require annual summary reports and annual cross connection program implementation fees.

More information for this water system: SDWIS ID 2139

[System Info](#) • [Report for Lenders](#) • [Alerts](#) • [Violations](#) • [Compliance & Enforcement](#) • [Contacts & Advisories](#) • [Site Visits](#) • [Public Notice](#)
[Coliform Summary](#) • [Coliform Results](#) • [Coliform Schedules](#) • [LT2](#) • [GW/GWUDI Source Details](#) • [Plan Review](#) • [Annual Fee](#)
[Chemical Summary](#) • [Chemical Results](#) • [Chemical Schedules](#) • [Chemical Schedule Summary](#) • [Arsenic RAA](#) • [Cyanotoxins](#) • [PFAS](#)
[Lead & Copper](#) • [DBP Sample Sites](#) • [FANLs](#) • [MRDL](#) • [GWR 4-Log](#) • [Turbidity](#) • [SWTR](#) • [LRAA](#) • [DW Source Protection](#)

Information for all water systems:
[Water System Inventory](#) • [Water System Surveys](#) • [Outstanding Performers](#) • [Treatment Plant Inspections](#) • [Treatment](#) • [Plan Reviews](#)
[Alerts](#) • [Violations](#) • [Compliance & Enforcement](#) • [Deficiencies](#) • [System Scores](#) • [Exceedances](#) • [Public Notices](#) • [Service Lines](#)
[Water Advisories](#) • [Contact Reports](#) • [Cyanotoxins](#) • [PFAS](#) • [Post-wildfire VOCs](#) • [Fluoride](#) • [Certification List](#) • [DW Source Protection](#)

Main menu: [Introduction](#) • [Data Search Options](#) • [Water System Search](#) • [DWS Home](#) • [DWS Rules](#)

Need help? [Email Drinking Water Services](#) for assistance. [Staff/Partner Login](#)

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Tips for Success: Crusty's Tavern & Campground

Prepare:

1.Highlight possible deficiencies or rule requirements:

- Wells: Inactive, Emergency, Permanent
- Setback hazards from Well #1 – Still Present?
- Treatment Changes – Contact Report?
- O&M Manual – No on last survey?

Transient (TNC) Water Systems

	Yes	No	N/A
Well Construction & Protection Attach Well Information page if more than one well			☐
Well log available?	☐	☐	
Pitless adaptor?	☐	☐	
● Sanitary seal & casing watertight?	☐	☐	
Meets setbacks from hazards? ft.:	☐	☐	
Wellhead protected from flooding?	☐	☐	
Raw water sample tap?	☐	☐	
Treated water sample tap? (N/A=no treatment)	☐	☐	☐
● If vented, properly screened? (N/A=not vented)	☐	☐	☐
Concrete slab around casing?	☐	☐	
Casing height ≥ 12-in. above slab/grade?	☐	☐	
Pump to waste piping?	☐	☐	
Protective housing?	☐	☐	
Spring/Other Source Construction			☐
● Does spring box exclude surface water?	☐	☐	
● Impervious durable material?	☐	☐	
Does the collection box have a hatch?	☐	☐	
● Access hatch secured?	☐	☐	
● Access hatch watertight?	☐	☐	
● Screened overflow?	☐	☐	☐
Raw water sample tap?	☐	☐	
Meets setbacks from hazards? ft.:	☐	☐	
Treated water sample tap? (N/A=no treatment)	☐	☐	☐
Bottom drain and shutoff valve?	☐	☐	
Intercepting ditch above source?	☐	☐	
Chlorination and UV Attach Disinfection page			☐
Treatment Attach Treatment page			☐
Pressure Tanks Attach Storage Tank page for reservoirs			☐
Accessible for maintenance?	☐	☐	
Bypass piping?	☐	☐	
Drain?	☐	☐	
Pressure relief device?	☐	☐	
Air bladder/diaphragm?	☐	☐	
Distribution			☐
○ Required backflow assemblies tested annually?	☐	☐	☐
Monitoring			
● All MCL violations addressed?	☐	☐	☐
○ Coliform sampling plan?	☐	☐	
○ Previous 12 months of routine coliform sampling up to date?	☐	☐	
○ Source sampling up to date?	☐	☐	☐
○ Nitrate sampling up to date?	☐	☐	
○ Initial arsenic test done?	☐	☐	
Management			
○ Major mods approved? (plan review)	☐	☐	☐
○ If new PWS, PR approval?	☐	☐	☐
○ Operations and maintenance manual?	☐	☐	
● Milestones in compliance schedule met?	☐	☐	☐
○ Public notice issued as req.?	☐	☐	☐
Has operator taken Essentials of SW training? (SW system only)	☐	☐	☐

Comments:
Wells: Inactive, Emergency, Permanent
Setback hazards from Well #1 – Still Present?
Treatment Changes
O&M Manual – No on last survey?



OREGON
HEALTH
AUTHORITY

Questions & Answers

You can get this document in other languages, large print, braille or a format you prefer free of charge.

Nicholas Alviani, REHS
Technical Services

Oregon Health Authority
Public Health Division
Drinking Water Services
2080 Laura St.
Springfield, OR 97477

For assistance call: 971-673-0405
Fax: 541-465-2914
<http://healthoregon.org/dwp>

For after-hours emergencies (evenings, weekends, holidays) please contact the on-call DWS manager at (503) 704-1174

