



## ePipeline

*OHA-Drinking Water Services Quarterly Newsletter*

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**April 20, 2021**

### **Manganese: friend and foe**

Think that manganese is just a harmless, pesky mineral that stains plumbing fixtures and laundry? Then think again, because while manganese is an essential nutrient for humans and animals, long-term exposure to high levels may be harmful. Of most concern are bottle-fed infants who may have negative neurological effects from drinking water containing more than 0.3 mg/L of manganese over a short period.

Manganese is a naturally occurring element commonly found in Oregon drinking water sources. OHA-DWS recommends that you test your finished drinking water for manganese and, if necessary, take steps to reduce the level to below 0.3 mg/L. For more information, check out the [OHA manganese in drinking water fact sheet](#) or contact Gregg Baird at 503-936-1657.

—Gregg Baird

# Alarm setpoints for treatment plants

Are your turbidity and chlorine alarms set appropriately so you can quickly respond to treatment interruptions? Whether you operate a complex water filtration facility or simply add chlorine to your well for disinfection, you should understand how to set critical values for these two metrics that will trigger notifications. Proper operation of your alarm system will help you achieve regulatory compliance and optimize your treatment.

Read [the complete article](#) to learn about the important public health protection provided by high-turbidity and low-chlorine alarms, optimized values for setpoints for alarms, and resources that can assist in establishing these controls.

—Evan Hofeld and James Nusrala

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# Outstanding Performers

Public water systems achieve Outstanding Performer status when they have no significant deficiencies identified and no unresolved violations, as evaluated during their routine water system surveys. Those that meet the Outstanding Performer criteria have their survey frequency reduced from every three years to every five years.

Go [here](#) to see a list of the water systems that have met the established criteria for outstanding performance during the period of July 25, 2019, through March 31, 2021. Drinking Water Services congratulates the operators of these systems for jobs well done!

Go [here](#) to find out how to qualify as an Outstanding Performer.

—Carolyn Clemons

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## Low-cost funding available

The Drinking Water State Revolving Fund (DWSRF) provides low-cost loans to community and nonprofit non-community public water systems for planning, design and construction of drinking water infrastructure improvements. Repayment terms are favorable and all projects receive part of the loan as principal forgiveness. Many different kinds of projects are eligible, including (among others) treatment, seismic and security improvements and service line replacements. See [the article](#) for more information.

—Adam DeSemp

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## Training opportunities

Find information about free trainings, webinars and CEUs on the Operator Certification Training Opportunities webpage at [www.healthoregon.org/dwtraining](http://www.healthoregon.org/dwtraining).

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**Contact Drinking Water Services**  
[info.drinkingwater@dhs.oha.state.or.us](mailto:info.drinkingwater@dhs.oha.state.or.us) or 971-673-0405

You can view or update your subscriptions, password or email address at any time on your [User Profile Page](#). All you will need are your email address and your password (if you have selected one).

This service is provided to you at no charge by the [Oregon Health Authority](#) and the [Oregon Department of Human Services](#).

If you have any questions about this service, [please visit the GovDelivery user support website](#).

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## Congratulations to Outstanding Performers!

by Carolyn Clemons  
April 15, 2021

Public water systems achieve Outstanding Performer status when they have no significant deficiencies identified and no unresolved violations. All systems are evaluated during their routine water system surveys. Those that meet the Outstanding Performer criteria have their survey frequency reduced from every three years to every five years.

The following public water systems have met the established criteria for Outstanding Performance during the period of July 25, 2019, through March 31, 2021. (Some survey results from that period may still be in the data entry process, so the list may be incomplete.) Drinking Water Services congratulates the operators of these systems for jobs well done!

To find out how to qualify as an Outstanding Performer, visit <https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/OPERATIONS/Documents/ospcriteria.pdf>.

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Water System Name	County Served
ADAMS WATER DEPT, CITY OF	UMATILLA
ASHLAND WATER DEPARTMENT	JACKSON
AVION WC - DESERT SPRINGS	DESCHUTES
AVION WC - DRID	DESCHUTES
AVION WC - RED CLOUD	CROOK

<b>Water System Name</b>	<b>County Served</b>
AVION WC - TUMALO RIM	DESCHUTES
AVION WC - TUSCARORA	DESCHUTES
AVION WC - WILD RIVER	DESCHUTES
BAY HILLS WATER ASSOCIATION	LINCOLN
BLACK BUTTE RANCH CORPORATION	DESCHUTES
BLUE SPRUCE ESTATES	JACKSON
BLY WATER DISTRICT	KLAMATH
BORING WATER DISTRICT NO 24	CLACKAMAS
BURNS WATER DEPARTMENT	HARNEY
BURNSIDE WATER ASSOCIATION	CLATSOP
BUTTE FALLS, TOWN OF	JACKSON
CAMELOT MOBILE HOME PARK	LINN
CANNON BEACH, CITY OF	CLATSOP
CENTURY FARM COURT	MARION
CHEHALEM MTN SUN RIDGE WATER CO	YAMHILL
CLARKS BRANCH WATER ASSOC	DOUGLAS
CLAYTON CREEK MH ESTATES	JACKSON
CLOVERDALE WATER DISTRICT	TILLAMOOK
COBBLESTONE MHP	JACKSON
COBURG, CITY OF	LANE
COVE, CITY OF	UNION
CROWN MOBILE HOME PARK	WASHINGTON
CYPRESS GROVE RV PARK	JACKSON
DESERT MOBILE HOME ESTATES	JACKSON
DUPLEX VILLAGE WATER SYSTEM	MARION
ELKTON, CITY OF	DOUGLAS
FERN RIDGE SHORES	LANE
GOBLE WATER ASSOCIATION	COLUMBIA
HAFEZ WATER SYSTEM	LINN

<b>Water System Name</b>	<b>County Served</b>
HARBOR WATER PUD	CURRY
HIDDEN MEADOWS SUBDIVISION	LANE
HILAND WC - ILLAHE GOLF CLUB ESTATES	MARION
HILAND WC - WYLAND	YAMHILL
HILLSBORO-BUTTERNUT CREEK	WASHINGTON
HOLIDAY MOBILE HOME PARK	JOSEPHINE
ICE FOUNTAIN WATER DISTRICT	HOOD RIVER
IDANHA CITY WATER	LINN
JORDAN VALLEY, CITY OF	MALHEUR
JUNCTION CITY WATER UTILITIES	LANE
JUNIPINE ACRES	DESCHUTES
JUNO NONPROFIT WATER IMPROVEMENT DISTR	TILLAMOOK
KENO WATER CO INC	KLAMATH
KLAMATH FALLS WATER DEPT	KLAMATH
KOZY ACRES WATER SYSTEM	LINCOLN
LAKE GROVE WATER DISTRICT	CLACKAMAS
LONG CREEK, CITY OF	GRANT
LOSTINE, CITY OF	WALLOWA
LOWER SILETZ WATER SYSTEM	LINCOLN
LUCKIAMUTE DOMESTIC WATER COOP	POLK
MADRAS, CITY OF	JEFFERSON
MANZANITA WATER DEPARTMENT	TILLAMOOK
MAYFAIR MOORAGE INC	MULTNOMAH
MCDUGAL WATER SYSTEM	CROOK
MEADOW CREEK SUBDIVISION	JOSEPHINE
MILL CITY WATER DEPARTMENT	LINN
MORO, CITY OF	SHERMAN
MOUNTAIN VIEW MHP	DESCHUTES
NORTH POWDER, CITY OF	UNION

<b>Water System Name</b>	<b>County Served</b>
OLD CHURCH ROAD ESTATES	LINN
OREGON WATER UTILITIES- SOUTHVIEW	KLAMATH
PRAIRIE WINDS OF JUNCTION CITY LLC	LANE
QUINCY WATER ASSOCIATION	COLUMBIA
RAINBOW ENDS WATER SYSTEM	WASHINGTON
REDWOOD WATER SERVICE INC	LINN
RIDGEWATER WATER SYSTEM	KLAMATH
RIDGEWOOD DIST IMPROV CO	BENTON
RIETH WATER DISTRICT	UMATILLA
RIVERWOOD MHP LANE CO	LANE
ROCK OF AGES REST HOME	YAMHILL
ROCKWOOD PUD	MULTNOMAH
RYANS OUTPOST	JACKSON
SALMON RIVER RV PARK	LINCOLN
SCIO, CITY OF	LINN
SEAVEY LOOP WATER COMPANY	LANE
SHADY ACRES MHP, LLC	JACKSON
SHERIDAN, CITY OF	YAMHILL
SHOUN CROSSROADS	CROOK
SILETZ, CITY OF	LINCOLN
SILVERTON MOBILE ESTATES	MARION
SKYRIDGE HOA	LANE
SOUTH FORK FOREST CAMP	TILLAMOOK
SOUTH PRAIRIE WATER ASSN	TILLAMOOK
STARLITE MOBILE VILLAGE	MARION
STAYTON WATER SUPPLY	MARION
STEEVES MOBILE CITY	CLACKAMAS
SUNNYVIEW MOBILE HOME PARK	MARION
SUNRIVER WATER LLC/SUNRIVER UTILITIES	DESCHUTES

<b>Water System Name</b>	<b>County Served</b>
TONE WATER DISTRICT	TILLAMOOK
TRI-CITY JW&SA	DOUGLAS
TROUTDALE, CITY OF	MULTNOMAH
UNION, CITY OF	UNION
USFS WOLF CREEK JOB CORPS	DOUGLAS
VENETA, CITY OF	LANE
VIDA-LEA COMMUNITY COOPERATIVE	LANE
VINEYARD MOUNTAIN WATER	BENTON
VISTA HOME PARK	UMATILLA
WARREN WATER ASSOCIATION	COLUMBIA
WATER WONDERLAND IMPROV DIST 1	DESCHUTES
WATER WONDERLAND IMPROV DIST 2	DESCHUTES
WELDON MOBILE HOME PARK	JACKSON
WESLINN WATER COMPANY	LINN
WEST LINN, CITY OF	CLACKAMAS
WILLAMETTE WATER CO - GOSHEN	LANE
WOOD VILLAGE, CITY OF	MULTNOMAH

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## **Low-Cost Funding Available for Eligible Drinking Water System Improvements**

by Adam DeSemples  
April 15, 2021

Oregon's Drinking Water State Revolving Fund (DWSRF) provides low-cost loans to community and nonprofit non-community public water systems for planning, design and construction of drinking water infrastructure improvements. Also referred to as the Safe Drinking Water Revolving Loan Fund, this funding program is co-administered by Oregon Health Authority and Business Oregon. In addition to low-cost financing and favorable repayment terms, all projects receive part of the loan as principal forgiveness.

### **Projects DWSRF can fund**

- Water sources, treatment, finished water reservoirs, pumping and transmission/distribution mains
- Aquifer, storage and recovery (ASR) projects
- Instrumentation, telemetry, water meter, automatic meter reading/advanced metering infrastructure (AMR/AMI), backflow device and pressure-reducing valve projects
- Safety, seismic and security improvements
- Projects that increase redundancy and reliability of critical assets
- Water system restructuring or consolidation to resolve noncompliance or technical, managerial and financial problems
- Planning and design in support of an eligible project — feasibility studies, master plans, design and environmental documents

### **Service line replacements**

Funding assistance is available for complete service line replacements, regardless of pipe material or ownership of the property where the service line is located. Funding assistance can be used for service line replacement from the public water main to the point it connects with premise plumbing.

### **Additional projects eligible for grants and loans**

- Sustainable Infrastructure Planning Projects (SIPP)
  - Includes seismic risk assessment and mitigation plan requirements for eligible public water systems via OAR 333-061-0060(5)(a)(J)
- Drinking Water Source Protection (DWSP) efforts

### **Public notice reminder**

All public notices for comments can be found on our DWSRF web page at <http://healthoregon.org/srf>.

- Quarterly (Oct., Jan., April, July) notices: for infrastructure projects
- Quarterly (Oct., Jan., April) notices: for planning (SIPP) projects
- Annual (June or July) notice: for DWSP projects and the Intended Use Plan

**For more information, visit the DWSRF web page at <http://healthoregon.org/srf> or contact:**

- Adam DeSemple, Oregon Health Authority's Drinking Water State Revolving Fund Program Coordinator, at 971-956-8287 or by email at [adam.desemple@dhsaha.state.or.us](mailto:adam.desemple@dhsaha.state.or.us) or
- Jon Unger, Business Oregon's Safe Drinking Water Revolving Loan Fund Program and Policy Coordinator, at 503-507-7107 or by email at [jon.unger@oregon.gov](mailto:jon.unger@oregon.gov)

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