Chemical Monitoring Schedule Changes

Gregg Baird, REHS
OHA-Drinking Water Services

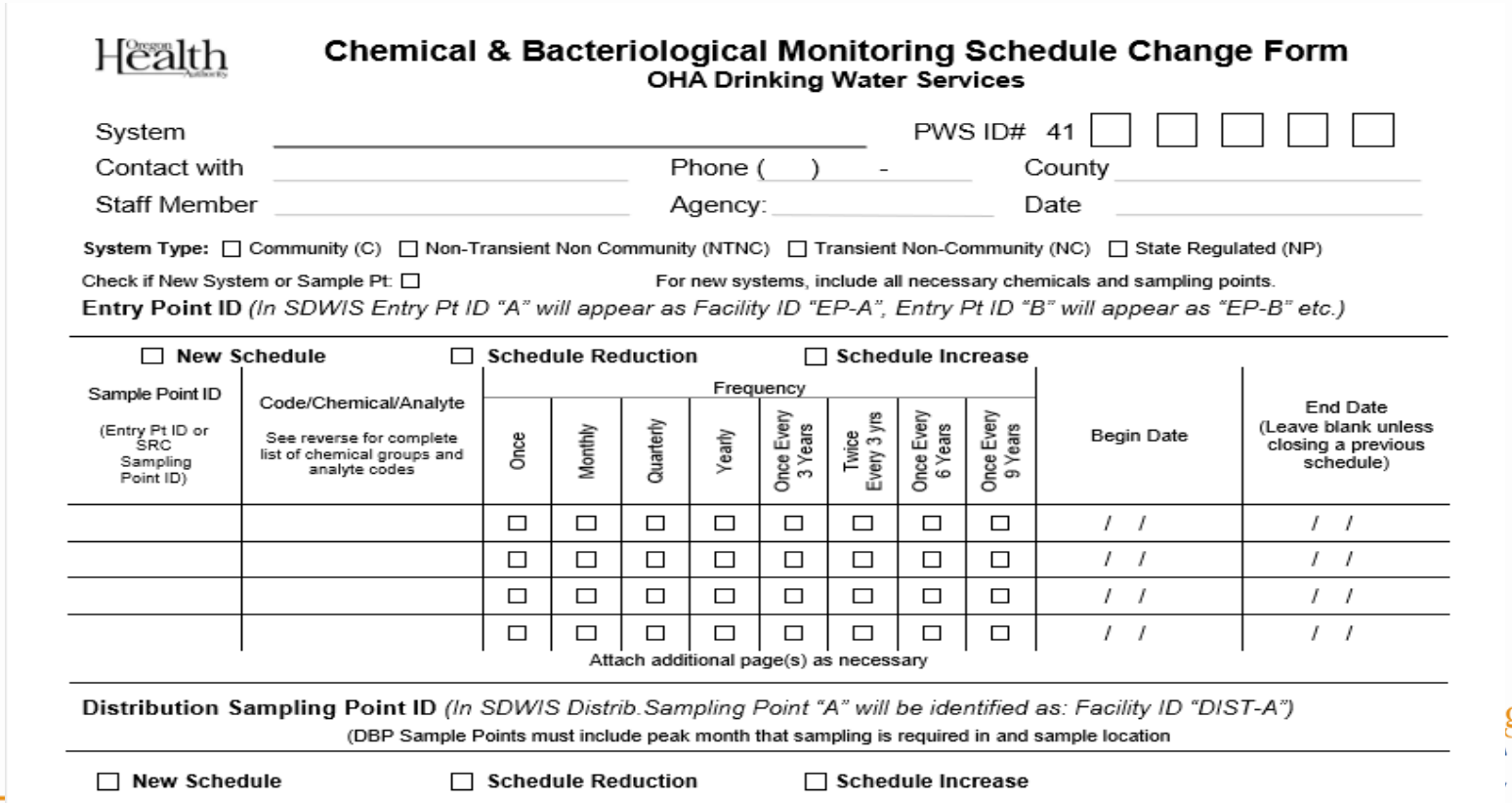
Oregon Health Authority

Overview

- Changing monitoring schedules in response to Alerts or PWS request
- Changing monitoring schedules during a water system survey (WSS)
- Other monitoring schedule changes
- Locations of guidance and forms

Changing monitoring schedules in response to Alerts or PWS request

- Use the "Chemical and Bacteriological Monitoring Schedule Change Form" located on the Partners Page/Inventory Updates section



Oregon Health Authority

Chemical & Bacteriological Monitoring Schedule Change Form
OHA Drinking Water Services

System _____ PWS 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.)*

☐ **New Schedule** ☐ **Schedule Reduction** ☐ **Schedule Increase**

Sample Point ID (Entry Pt ID or SRC Sampling Point ID)	Code/Chemical/Analyte See reverse for complete list of chemical groups and analyte codes	Frequency: Once	Monthly	Quarterly	Yearly	Once Every 3 Years	Twice Every 3 yrs	Once Every 6 Years	Once Every 9 Years	Begin Date	End Date (Leave blank unless closing a previous schedule)
		☐	☐	☐	☐	☐	☐	☐	☐	/ /	/ /
		☐	☐	☐	☐	☐	☐	☐	☐	/ /	/ /
		☐	☐	☐	☐	☐	☐	☐	☐	/ /	/ /
		☐	☐	☐	☐	☐	☐	☐	☐	/ /	/ /

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

☐ **New Schedule** ☐ **Schedule Reduction** ☐ **Schedule Increase**

Changing monitoring schedules in response to Alerts or PWS request

- Alert types that may necessitate monitoring schedule changes:
  - Arsenic > MCL
  - Nitrate > MCL
  - Nitrate > ½ the MCL
  - Lead & Copper > Action Level
  - VOC or SOC > MCL
  - VOC or SOC detections
  - Disinfection Byproducts (TTHM or HAA5) > MCL
  - Radionuclide (Gross Alpha, Radium 226/228, Uranium) > MCL
  - Radionuclide (Gross Alpha, Radium 226/228, Uranium) > ½ MCL
  - Radionuclide (Gross Alpha, Radium 226/228, Uranium) detections

Changing monitoring schedules in response to Alerts or PWS request

- Refer to the OARs or the guidance document "Alerts: What to do With Chemical Detections" on the Partners Page/Monitoring Resources section

Oregon Health Authority

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.	OAR 333-061-0036(2)(f) OAR 333-061-0036(2)(a)(D) OAR 333-061-0036(2)(h)(B)	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.	OAR 333-061-0036(2)(f) (B&C) and OAR 333-061-0036(2)(h)(C) OAR 333-061-0036(2)(c) OAR 333-061-0036(2)(d)(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[b] 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)(c) OAR 333-061-0036(2)(d)(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 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(10)(g) and 333-061-0034(4) OAR 333-061-0036(10)(f) OAR 333-061-0034(2) & (3) OAR 333-061-0034(5) OAR 333-061-0036(10)(d)(B)	Source water testing WQP requirements Treatment requirements Lead public notice/education Monitoring after installing tx

Example: Nitrate over ½ MCL

- Alert received for Nitrate over ½ MCL

Water Quality Alerts

Alert ID	Sample Date	Alert Date	Source ID	Source Name	Alert Type	Contaminant	Result	Alert Level	MCL	Contact Report
CHEM8313	04/16/2019	04/25/2019	EP-A	EP for WELL	CHEM	NITRATE (AS N)	6.5	5	10	

- Consult OARs or guidance for course of action (quarterly monitoring)

- Check current nitrate monitoring schedule

PWS #: 01352 ALPINE CREST IMPROVEMENT DIST Routine Sampling Schedules For Chemicals

Facility ID	Name	Status	Test Group	Samples Required	Sampling Interval	Start	End	Notes*
DIST-A	Distribution System	A	LEAD & COPPER	5	3 Years	01/01/2002	Open	Sample Between June 1st and Sept 30th
EP-A	EP FOR WELLS	A	ARSENIC	1	9 Years	01/01/2017	Open	
EP-A	EP FOR WELLS	A	IOC	1	9 Years	01/01/2002	Open	Schedule Reflects Monitoring Reduction Granted
EP-A	EP FOR WELLS	A	NITRATE	1	Yearly	01/01/2002	Open	

Example: Nitrate over ½ MCL

- Submit form to DMCE changing schedule to quarterly beginning in next quarter

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.)*

☐ New Schedule ☐ Schedule Reduction ☒ Schedule Increase

Sample Point ID (Entry Pt ID or SRC Sampling Point ID)	Code/Chemical/Analyte See reverse for complete list of chemical groups and analyte codes	Frequency: Once	Monthly	Quarterly	Yearly	Once Every 3 Years	Twice Every 3 yrs	Once Every 6 Years	Once Every 9 Years	Begin Date	End Date (Leave blank unless closing a previous schedule)
EP-A	Nitrate	☐	☐	☒	☐	☐	☐	☐	☐	7/1/2019	/ /
		☐	☐	☐	☐	☐	☐	☐	☐	/ /	/ /
		☐	☐	☐	☐	☐	☐	☐	☐	/ /	/ /
		☐	☐	☐	☐	☐	☐	☐	☐	/ /	/ /

Attach additional page(s) as necessary

Example: Nitrate over ½ MCL

- *Check to see if already done quarterly! Notes in monitoring schedules will say "R&C below MCL on such-and-such date". If so, do Contact Report to that effect and leave them on annual.*

PWS #: 93753 EVERGREEN ELEMENTARY Routine Sampling Schedules For Chemicals

Facility ID	Name	Status	Test Group	Samples Required	Sampling Interval	Start	End	Notes*
DIST-A	Distribution System	A	LEAD & COPPER	5	3 Years	01/01/2002	Open	Sample Between June 1st and Sept 30th
EP-A	EP for WELL	A	ARSENIC	1	3 Years	01/01/2002	Open	
EP-A	EP for WELL	A	DIQUAT	1	3 Years	01/02/2011	Open	
EP-A	EP for WELL	A	IOC	1	9 Years	01/01/2002	Open	Schedule Reflects Monitoring Reduction Granted
EP-A	EP for WELL	A	NITRATE	1	Yearly	01/01/2002	Open	R&C below MCL for NO3 as of 05/01/2002 - Sample in the 3rd Quarter
EP-A	EP for WELL	A	NITRITE	1	9 Years	01/01/2002	Open	Schedule Reflects Monitoring Reduction Granted
EP-A	EP for WELL	A	SIMAZINE	1	3 Years	01/02/2011	Open	
EP-A	EP for WELL	A	SOC MINUS SOCR CHEMS	1	9 Years	01/01/2011	Open	Schedule is for all regulated SOC except 2,4-D, Glyphosate, and Benzo (A) Pyrene.
EP-A	EP for WELL	A	SOCR	1	3 Years	01/01/2011	Open	2,4-D, Glyphosate, and Benzo (A) Pyrene Only.
EP-A	EP for WELL	A	VOLATILE ORGANICS	1	3 Years	01/01/2002	Open	

Changing monitoring schedules during a water system survey (WSS)

- Review current monitoring schedules in Data Online for possible reductions prior to the survey
- Enter the revised schedule on the "Water Quality Monitoring" page of the survey form
- Discuss with the operator during the survey and make sure they understand when next samples due
- Mention any schedule changes in the comments section of the survey cover letter

Oregon Health Authority

XYZ Water System
Water System Survey
OHA Drinking Water Services

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

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Water Quality Monitoring

Contaminant	N/A	Number & Frequency	Next Tests Due
Entry Point Sampling:			
Arsenic	☐		
Inorganic Chemicals (Including Nitrite) (sw)	☐		
Inorganic Chemicals (Including Nitrite) (gw)	☐		
Nitrate	☐		
Radionuclides (Community Water Systems Only):			
Gross Alpha	☐		
Radium 226/228	☐		
Uranium	☐		
SOCs	☐		
VOCs (sw)	☐		
VOCs (gw)	☐		

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Changing monitoring schedules during a water system survey (WSS)

- For DBPs (TTHM & HAA5) refer to the OARs or the Stage 2 DBP rule page / Routine, Reduced, and Increased Monitoring

Table 3. Stage 2 Reduced Monitoring Requirements

Source Water Type	Population Size Category	Reduced Monitoring Frequency	Reduced Number of Samples or Dual Sample Sets	Distribution System Monitoring Locations	
				Highest TTHM LRAAs Locations	Highest HAA5 LRAAs Locations
Surface Water or Ground Water Under the Direct Influence (GWUDI)	<500	Monitoring may not be reduced			
	500-3,300	per year	1 TTHM and 1 HAA5 sample	See * or ** below	
	3,301-9,9999	per year	2 dual sample sets	See * below	
	10,000-49,999	per quarter	2 dual sample sets	1	1
	50,000-249,999	per quarter	4 dual sample sets	2	2
	250,000-999,999	per quarter	6 dual sample sets	3	3
	1,000,000-4,999,999	per quarter	8 dual sample sets	4	4
	=5,000,000	per quarter	10 dual sample sets	5	5
Ground Water	<500	every third year	1 TTHM and 1 HAA5 sample	See * or ** below	
	500-9,999	per year	1 TTHM and 1 HAA5 sample	See * or ** below	
	10,000-99,999	per year	2 dual sample sets	See * below	
	100,000-499,999	per quarter	2 dual sample sets	1	1
	=500,000	per quarter	4 dual sample sets	2	2

* One at the location and during the quarter with the highest TTHM single measurement, one at the location and during the quarter with the highest HAA5 single measurement.

** One dual sample per year if the highest TTHM and HAA5 measurements occurred at the same location and quarter.

Example: eligible for DBP reduction (annual to every 3 years)

OR41 06090 **MCCUDDYS** **Classification**: COMMUNITY

Contact: MARK MCCUDDY
250 NE TOMAHAWK ISLAND RD
PORTLAND, OR 97217

Population: 70

Operating Period: January 1 to December 31

Certified Operator(s)
Required: Y
Distribution class: S
Treatment class: None
Filtration Endorsement Required: No

Phone: 503-543-7770
County: COLUMBIA
Activity Status: ACTIVE Oct 30, 2001 -- History
Number of Connections: 1
Regulating Agency: COLUMBIA COUNTY
Owner Type: PRIVATE
Licensed By: N/A
Approved Drinking Water Protection Plan: No
Source Water Assessment: No
Last Survey Date: Dec 01, 2017

Sources

Facility ID	Facility Name - Well Logs	Activity Status	Availability	Source Type
EP-A	EP FOR WELL	A		GW
SRC-AA	WELL - L39269	A	Permanent	GW

Find Purchasers/Sellers

Treatment

State ID	Facility Name	Treatment Process	Treatment Objective	Filter Type
WTP-A	TP FOR WELL	RESID. MAINT. HYPOCHLORINATION	OTHER	
WTP-A	TP FOR WELL	ION EXCHANGE	SOFTENING (HARDNESS REMOVAL)	

Example: eligible for DBP reduction (annual to every 3 years)

PWS #: 06090 MCCUDDYS Routine Sampling Schedules For Chemicals

Facility ID	Name	Status	Test Group	Samples Required	Sampling Interval	Start	End	Notes*
DIST-A	DISTRIBUTION SYSTEM	A	LEAD & COPPER	5	6 Months	01/01/2011	Open	
DIST-A	DISTRIBUTION SYSTEM	A	STAGE 2 DBP	1	Yearly	01/01/2018	Open	Sample in September
EP-A	EP FOR WELL	A	ARSENIC	1	3 Years	01/01/2011	Open	
EP-A	EP FOR WELL	A	IOC	1	3 Years	01/01/2011	Open	
EP-A	EP FOR WELL	A	NITRATE	1	Yearly	01/01/2002	Open	
EP-A	EP FOR WELL	A	NITRITE	1	3 Years	01/01/2011	Open	
EP-A	EP FOR WELL	A	RAD - GROSS ALPHA	1	9 Years	01/01/2014	Open	Schedule Reflects Monitoring Reduction Granted.
EP-A	EP FOR WELL	A	RAD - RADIUM 226/228	1	9 Years	01/01/2023	Open	Schedule Reflects Monitoring Reduction Granted.
EP-A	EP FOR WELL	A	RAD - URANIUM	1	9 Years	01/01/2014	Open	Schedule Reflects Monitoring Reduction Granted.
EP-A	EP FOR WELL	A	SOC	1	3 Years	01/01/2014	Open	
EP-A	EP FOR WELL	A	VOLATILE ORGANICS	1	3 Years	01/01/2014	Open	

Example: eligible for DBP reduction (annual to every 3 years)

PWS ID: 06090 ---- MCCUDDYS

Disinfection By-Product (DBP) Monitoring Samples

ND = Not Detected at the Minimum Reporting Level; -- = Not Sampled

Sample ID	Sample Date	Receive Date	Sample Point	Location	TTHM (mg/L) MCL = 0.080	HAA5 (mg/L) MCL = 0.060	Bromate (mg/L)	Notes
180075840001-D	09/10/18	10/05/18	2DBP-01	BOAT HOUSE A-7	ND	ND	--	

Table 3. Stage 2 Reduced Monitoring Requirements

Source Water Type	Population Size Category	Reduced Monitoring Frequency	Reduced Number of Samples or Dual Sample Sets	Distribution System Monitoring Locations	
				Highest TTHM LRAAs Locations	Highest HAA5 LRAAs Locations
Surface Water or Ground Water Under the Direct Influence (GWUDI)	<500	Monitoring may not be reduced			
	500-3,300	per year	1 TTHM and 1 HAA5 sample	See * or ** below	
	3,301-9,9999	per year	2 dual sample sets	See * below	
	10,000-49,999	per quarter	2 dual sample sets	1	1
	50,000-249,999	per quarter	4 dual sample sets	2	2
	250,000-999,999	per quarter	6 dual sample sets	3	3
	1,000,000-4,999,999	per quarter	8 dual sample sets	4	4
	=5,000,000	per quarter	10 dual sample sets	5	5
Ground Water	<500	every third year	1 TTHM and 1 HAA5 sample	See * or ** below	
	500-9,999	per year	1 TTHM and 1 HAA5 sample	See * or ** below	
	10,000-99,999	per year	2 dual sample sets	See * below	
	100,000-499,999	per quarter	2 dual sample sets	1	1
	=500,000	per quarter	4 dual sample sets	2	2

* One at the location and during the quarter with the highest TTHM single measurement, one at the location and during the quarter with the highest HAA5 single measurement.

** One dual sample per year if the highest TTHM and HAA5 measurements occurred at the same location and quarter.

Example: eligible for DBP reduction (annual to every 3 years)

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

☐ **New Schedule** ☒ **Schedule Reduction** ☐ **Schedule Increase**

DBP2 TTHM HAA5 IDSE LCR ASBDR or TCR	DIST-A or IDSE-01 2DBP-01, etc.	Sample Site ID or Street Address (Enter for DBPs only. This address will be used to tie sample results to the site)	# Samples Required	Monthly	Quarterly *For DBP Indicate Peak Month Below*	Semi Annual	Yearly *For DBP Indicate Peak Month Below*	Once Every 3 Years *For DBP Indicate Peak Month Below*	Once Every 6 Years	Once Every 9 Years	Begin Date	End Date
DBP2	2DBP-01	Boat House A-7	1	☐	☐ ____	☐	☐ ____	☒ Sept	☐	☐	1/1/20	/ /
				☐	☐ ____	☐	☐ ____	☐ ____	☐	☐	/ /	/ /
				☐	☐ ____	☐	☐ ____	☐ ____	☐	☐	/ /	/ /

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-])

	TOCA	Monthly =>	☐	Quarterly =>	☐	/ /	/ /
	TOC, 2920	Monthly =>	☐	Quarterly =>	☐	/ /	/ /

Comments: DBP monitoring reduced to every 3 years

Signature: _____ Date: _____

Standard Monitoring Framework

Use these standard monitoring periods for: DBP, Arsenic, Nitrite, IOC, SOC, VOC and RAD schedules.

Lead and Copper (LCR) do not follow the Standard Monitoring Framework. 3-year schedules start any year on January 1st. 6-month & yearly schedules follow the schedule start dates at the bottom of the page.

3 Year Period	3 Year Period	3 Year Period	3 Year Period	3 Year Period	3 Year Period	3 Year Period
2011 2012 2013	2014 2015 2016	2017 2018 2019	2020 2021 2022	2023 2024 2025	2026 2027 2028	2029 2030 2031
... End of prev 6 year	6 year monitoring period		6 year monitoring period		6 year monitoring period	
6 year monitoring period		6 year monitoring period		6 year monitoring period		Start of next 6 year...
... End of prev 9 year	9 Year Monitoring Period			9 Year Monitoring Period		
... End of prev 9 year		9 Year Monitoring Period			Start of next 9 year...	
9 Year Monitoring Period			9 Year Monitoring Period			Start of next 9 year...

Schedule Start Dates (all groups)

Quarterly schedules start on January, April, July or October 1st of the quarter they need to start monitoring.

6-month schedules (LCR) start on January or July 1st.

Annual schedules start on January 1st of the first year they need to monitor.

Except for LCR as noted above - All 3- year monitoring periods start on January 1st of the unhighlighted years above. The start date is the beginning of the next 3-year monitoring period after they qualify for reduction.

6-year and 9-year schedules also start on January 1st coinciding with one of the 3-year periods. The start date is the start of the next 3-year monitoring period after they qualify for reduced monitoring.

Other monitoring schedule changes

- Coliform schedules
  - DWS changes automatically based on current monitoring results
  - View coliform schedules on PWSs Data Online page "Sample Schedule for Coliform" tab
  - Only time may need to change is non-community (TNC or NTNC) systems on monthly monitoring requesting return to quarterly (refer to procedure on Partners Page)

- IDSE schedules (TTHM & HAA5)
  - Newly chlorinating CWS need to do IDSE monitoring before a routine DBP monitoring schedule is set
  - Standard Monitoring Plan IDSE template for water systems <10,000.xls on Stage 2 DBP page (see last tab for # of samples and locations)
  - NTNC do not need to do IDSE! They go right to routine DBP monitoring

- Change in system type (Example: non-EPA becomes CWS)
  - New initial monitoring schedules (consult OARs, handout on Partners Page, or your State contact)

Example: Newly chlorinating CWS needs an IDSE schedule

OR41 01352 **ALPINE CREST IMPROVEMENT DIST** **Classification**: COMMUNITY

Contact: ROBERT M CLARK
1717 TIMBERLINE LN SE
SALEM, OR 97306

Population: 91
Operating Period: January 1 to December 31
Certified Operator(s)
Required: Y
Distribution class: S
Treatment class: None
Filtration Endorsement Required: No

Phone: 503-588-4404
County: MARION
Activity Status: ACTIVE -- History
Number of Connections: 22
Regulating Agency: MARION COUNTY
Owner Type: PRIVATE
Licensed By: N/A
Approved Drinking Water Protection Plan: No
Source Water Assessment: Yes
Last Survey Date: Jul 19, 2018

Sources

Facility ID	Facility Name - Well Logs	Activity Status	Availability	Source Type
EP-A	EP FOR WELLS	A		GW
SRC-AA	WELL #1 - MARI12609	A	Permanent	GW
SRC-AB	WELL #2 - MARI12608	A	Permanent	GW
SRC-AC	WELL #3 - MARI12582	A	Permanent	GW

Find Purchasers/Sellers

Treatment

State ID	Facility Name	Treatment Process	Treatment Objective	Filter Type

Example: Newly chlorinating CWS needs an IDSE schedule

IDSE Standard Monitoring Requirements

Source Water Type	Population Size Category[1]	Monitoring Periods and Frequency of Sampling	Distribution System Monitoring Locations[2]				
			Total per monitoring period	Near Entry Points	Average Residence Time	High TTHM Locations	High HAA5 Locations
Subpart H	<500 consecutive systems	one (during peak historical month)[3]	2	1	.....	1	.....
	<500 non-consecutive systems		2	.....	.....	1	1
	500-3,300 consecutive systems	four (every 90 days)	2	1	.....	1	.....
	500-3,300 non-consecutive systems		2	.....	.....	1	1
	3,301-9,999		4	.....	1	2	1
	10,000-49,999	six (every 60 days)	8	1	2	3	2
	50,000-249,999		16	3	4	5	4
Ground Water	<500 consecutive systems	one (during peak historical month)[3]	2	1	.....	1	.....
	<500 non-consecutive systems		2	.....	.....	1	1
	500-9,999	four (every 90 days)	2	.....	.....	1	1
	10,000-99,999		6	1	1	2	2

[1] Your monitoring requirements (locations and frequency) are based on the population served by your system.

[2] A dual sample set (i.e., a TTHM and an HAA5 sample) must be taken at each monitoring location during each monitoring period.

[3] The peak historical month is the month with the highest TTHM or HAA5 levels or the warmest water temperature.

Example: Newly chlorinating CWS needs an IDSE schedule

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

☒ **New Schedule** ☐ **Schedule Reduction** ☐ **Schedule Increase**

DBP2 TTHM HAA5 IDSE LCR ASBD or TCR	DIST-A or IDSE-01 2DBP-01, etc.	Sample Site ID or Street Address (Enter for DBPs only. This address will be used to tie sample results to the site)	# Samples Required	Monthly	Quarterly *For DBP indicate Peak Month Below*	Semi Annual	Yearly *For DBP indicate Peak Month Below*	Once Every 3 Years *For DBP indicate Peak Month Below*	Once Every 6 Years	Once Every 9 Years	Begin Date	End Date
IDSE	IDSE-01	123 Main St	2	☐	☐ ____	☐	☒ July	☐ ____	☐	☐	1/1/19	/ /
	IDSE-02	456 Oak Ave		☐	☐ ____	☐	☐ ____	☐ ____	☐	☐	/ /	/ /
				☐	☐ ____	☐	☐ ____	☐ ____	☐	☐	/ /	/ /

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-])

	TOCA	Monthly =>	☐	Quarterly =>	☐	/ /	/ /
	TOC, 2920	Monthly =>	☐	Quarterly =>	☐	/ /	/ /

Comments: Newly chlorinating CWS. Collect dual sample set at each location above in July 2019.

Signature: _____ Date: _____

Locations of guidance and forms

- Chemical and Bacteriological Monitoring Schedule Change Form
  - Partners Page / Inventory Updates section
- Alerts: What to do With Chemical Detections
  - Partners Page / Monitoring Resources section
- Returning a system from monthly to quarterly coliform monitoring
  - Partners Page / Coliform Resources section
- Chemical Monitoring Intervals for Community & NTNC GW Systems
  - Partners Page / Monitoring Resources
- DBPs (TTHM & HAA5): Routine, Reduced, and Increased Monitoring
  - Stage 2 DBP Rule page
- DBPs (TTHM & HAA5): IDSE monitoring requirements
  - Stage 2 DBP Rule page

Questions?

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healthoregon.org/dwp