

COLIFORM SCHEDULE CHANGES

Criteria for ground water systems to be changed to monthly
and when they can go back to quarterly.

AGENDA:

- Criteria to change to monthly monitoring
- Opportunity to collect make up sample and stay monthly
- Criteria to move back to quarterly

WHAT SYSTEMS DOES THIS PRESENTATION APPLY TO?

- ✓ **TNC or NTNC**
- ✓ **Groundwater**
- ✓ **Not seasonal**

**CRITERIA TO CHANGE TO MONTHLY
MONITORING
OAR 333-061-0036 (6)(B)(C)**

- A level 2 coliform investigation is triggered
 - Violation for exceeding the maximum contaminant level for E. coli
 - Violation for not completing and reporting a coliform investigation by due date
 - Violation for not correcting sanitary defects found during a coliform investigation by approved due date
-
- Two violations for routine coliform monitoring (for not reporting a required sample on time)
 - A level 1 coliform investigation is triggered and one violation for routine coliform monitoring

PROCESS FOR THE SCHEDULE CHANGE

- Query looks for who meets the criteria listed
- DMCE reviews list to verify accuracy
- Letter generated and made into a PDF
- Schedule changed in SDWIS
- Letter is printed and mailed to system
- PDF is emailed to regulating agency and Tech services

CHANGE TO MONTHLY MONITORING LETTER

You must begin monitoring for coliform bacteria at your water system every month, beginning in November 2017 because the criteria for increased monitoring in OAR 333-061-0036(6)(b)(C) was met.

OAR 333-061-0036(6)(b)(C) specifies that monitoring must be increased if any of the following occur within a 1 year period:

- Violation for exceeding the maximum contaminant level for E. coli;
- Violation for not completing and reporting a coliform investigation by due date;
- Violation for not correcting sanitary defects found during a coliform investigation by approved due date;
- A level 2 coliform investigation is triggered;
- Two violations for routine coliform monitoring (for not collecting a required sample); or
- A level 1 coliform investigation is triggered and one violation for routine coliform monitoring.

DOES THE SYSTEM HAVE TO GO TO MONTHLY MONITORING?

- OAR 333-061-0036 (6)(b)(A):

“... the Authority may elect to not consider monitoring violations according to paragraph (6)(p)(A) of this rule if ...”

- This opportunity this will be only for systems that the cause is 2 quarterly monitoring violations
- Can only do this one time in a 4 quarter period (rolling year – not calendar year)
- Involves taking an extra sample – will be discussed in a couple slides from now.

TWO VIOLATIONS FOR ROUTINE COLIFORM MONITORING

Yes

Both violations are for
not reporting
quarterly routine
samples

**Opportunity to
stay on
quarterly**

No

One or both violations
are for not taking
enough temp routines

**Monthly
monitoring**

WHAT IS THE PROCESS?

- Violation will be issued on 1st workday after the 10th of each quarter. – it is the systems 2nd violation and starts the opportunity to stay on quarterly monitoring – letter is sent to system
- Take Make-up sample by end of current month and report by 10th of next month



Publishing & Distribution
DEPARTMENT OF ADMINISTRATIVE SERVICES
503-573-1700

2018

■ Holidays

January

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

October

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

May

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

March

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

September

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

December

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

DID SYSTEM TAKE AND REPORT MAKE UP SAMPLE?

YES

- Take 2nd sample by end of quarter
- 2nd sample must be 1 week or more after their make up sample

No

- Start monthly monitoring at start of next month (3rd month of quarter)
- System will receive a letter informing them



Publishing & Distribution
DEPARTMENT OF ADMINISTRATIVE SERVICES
503-573-1700

2018

Holidays

January							February							March						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6					1	2	3					1	2	3
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24
28	29	30	31				25	26	27	28				25	26	27	28	29	30	31

April							May							June						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7			1	2	3	4	5						1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30						27	28	29	30	31			24	25	26	27	28	29	30

July							August							September						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7				1	2	3	4							1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22
29	30	31					26	27	28	29	30	31		23 30	24	25	26	27	28	29

October							November							December						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6					1	2	3							1
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
28	29	30	31				25	26	27	28	29	30		23 30	24 31	25	26	27	28	29

2018

Holidays

DID SYSTEM TAKE 2ND SAMPLE IN QUARTER?

YES

- Stays on Quarterly schedule

No

- Start monthly monitoring at start of next month (2nd month of quarter)
- System will receive a letter informing them

January							February							March						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6					1	2	3					1	2	3
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24
28	29	30	31				25	26	27	28				25	26	27	28	29	30	31

April							May							June						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7			1	2	3	4	5						1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30						27	28	29	30	31			24	25	26	27	28	29	30

July							August							September						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7				1	2	3	4							1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22
29	30	31					26	27	28	29	30	31		23 30	24	25	26	27	28	29

October							November							December						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6					1	2	3							1
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
28	29	30	31				25	26	27	28	29	30		23 30	24 31	25	26	27	28	29

OPPORTUNITY LETTER

Your water system has missed reporting quarterly sample results twice within the last year. This will cause your coliform monitoring schedule to be increased to once every month unless you do the following:

- Collect the make-up sample before the end of this month and report it by the 10th of next month.
- Collect the normal quarterly sample by the end of the quarter and report it within 10 days of the end of the quarter.

*These samples must also be collected at least one week apart and marked as routine samples.

Failure to collect and report both of these samples on time or meeting any of the other criteria in OAR 333-061-0036(6)(b)(C) will result in coliform monitoring being increased to monthly at your water system.

QUESTIONS?

CRITERIA TO CHANGE BACK TO QUARTERLY MONITORING OAR 333-061-0036 (6)(B)(D)

Note: requirements as listed in the Rule – process still to be determined.

In the previous 12 months:

- **Site visit for either a Level 2 investigation or Sanitary Survey (or equivalent)**
 - **No sanitary defects and they have a protected water source**
- **All required samples collected and reported**
- **No E. coli MCL violations**
- **No coliform investigations required**
- **No coliform investigation violations**

FINAL QUESTIONS?

Chuck Michael
Compliance Officer
971-673-0420