

Coliform Monitoring Plan

Water System Name: Dockton Springs	Population Served: 600
System ID Number: 19550J	Active Connections: 391/485
Number of Active Sources: 2	Storage Capacity: 317,708 gallons
Source #: SO1 Capacity: 142gpm	Treated: Yes
DOE Tag: Depth:	Treatment Description:
Type: Spring Metered: Yes	CT6- Chlorinated for disinfection at well points and well
Source #: SO2 Capacity: 100gpm	
DOE Tag: AAB173 Depth: 423ft	
Type: Well Metered: Yes	

Number of Routine Samples Required by Regulations:	2	Number of Sample Sites Needed to Represent the Distribution System:	6
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SITE GROUP	Routine & Repeat Site	Sample Station	Sample Station
SITE GROUP I	Routine & Repeat Site 1	Sample Station 4- Stuckey Ave SW & Windmill St	Sample Station
	Routine & Repeat Site 2	Dockton Pump House	Hose Bib
	Repeat Site 2	25731 Stuckey Ave SW	Hose Bib
	Repeat Site 3	25815 Stuckey Ave SW	Hose Bib
	GWR	1 from each active source	Hose Bib
SITE GROUP II	Routine & Repeat Site 1	Sample Station 2- 265th St SW & 99th Ave SW	Sample Station
	Routine & Repeat Site 1	Dockton Pump House	Hose Bib
	Repeat Site 2	26621 99th Ave SW	Hose Bib
	Repeat Site 3	26230 99th Ave SW	Hose Bib
	GWR	1 from each active source	Hose Bib
SITE GROUP III	Routine & Repeat Site 1	Sample Station 6- 27605 Hake Rd SW	Sample Station
	Routine & Repeat Site 1	Dockton Pump House	Hose Bib
	Repeat Site 2	27629 Hake Rd SW	Hose Bib
	Repeat Site 3	24733 Hake Rd SW	Hose Bib
	GWR	1 from each active source	Hose Bib
SITE GROUP IV	Routine & Repeat Site 1	Sample Station 7- 27836 Manzanita Beach Rd	Sample Station
	Routine & Repeat Site 1	Dockton Pump House	Hose Bib
	Repeat Site 2	27836 Manzanita Beach Rd	Hose Bib
	Repeat Site 3	28710 Manzanita Beach Rd	Hose Bib
	GWR	1 from each active source	Hose Bib
SITE GROUP V	Routine & Repeat Site 1	Sample Station 8- 9525 SW 288th St	Sample Station
	Routine & Repeat Site 1	Dockton Pump House	Hose Bib

	Repeat Site 2	9601 SW 288th St	Hose Bib
	Repeat Site 3	9631 SW 288th St	Hose Bib
	GWR	1 from each active source	Hose Bib
SITE GROUP VI	Routine & Repeat Site 1	Sample Station 10- 27506 Sandy Shores Dr SW	Sample Station
	Routine & Repeat Site 1	Dockton Pump House	Hose Bib
	Repeat Site 2	27428 Sandy Shores Dr SW	Hose Bib
	Repeat Site 3	27518 Sandy Shores Dr SW	Hose Bib
	GWR	1 from each active source	Hose Bib

Month	Site	Month	Site	Month	Site
January	A	May	E	September	C
February	B	June	F	October	D
March	C	July	A	November	E
April	D	August	B	December	F

Alternative routine sample sites are allowed at the DOH and/or Certified Operations discretion only if the routine designated sample is not available during routine sample collection times. If alternative sites become routine (more than twice per reporting year) the CMP shall be updated to reflect any and all changes and disclosed to all parties.

A Treatment Technique Trigger is defined as a confirmed total coliform sample occurrence (two or more total coliform positive samples, no *E. coli*) or if a system fails to collect the required repeat coliform samples. This triggers the requirement to perform a Level 1 assessment. A level 1 assessment is basic water system evaluation that an owner, Certified Operator, or other person knowledgeable of the water system may do. There are 3 main elements to performing this assessment.

1. Investigation: Identify any sanitary defects that allowed coliform to enter the distribution system or a failure or imminent failure of an existing barrier.
2. Discussion: Evaluate what was identified during the assessment that might have allowed the contamination to occur and the corrective action needed to remedy the problem.
3. Corrective action: Record the steps taken to correct the sanitary defect that may have allowed the continuation to occur.

Under any circumstance, if an *E. coli* positive sample occurs, contact DOH immediately. A Boil Water Advisory and public notification will be required. Attached to this is a boil water advisory notice for distribution.

Additionally, if an *E. coli* positive sample occurs, or a second Trigger Violation occurs within a rolling 12-month period, this then triggers a Level II Assessment. While this assessment contains the same 3 main elements, DOH requires it to be performed by an Engineer, Certified Operator with a Water Distribution Manager Level II or higher, or Health Department staff. Contact DOH for guidance on this requirement.

Public Notification Requirements
<p>E. Coli MCL violation- Issued within 24 hours (Tier 1)</p> <ul style="list-style-type: none"> • Routine total coliform-positive; repeat <i>E. Coli</i>-positive. • Routine <i>E. Coli</i>- positive; repeat total coliform-positive. • Routine <i>E. Coli</i>-positive; system fails to take all repeat samples. • Repeat total coliform-positive; sample not tested for <i>E. Coli</i>.
<p>Treatment technique violation- Issued within 30 days (Tier 2)</p>

- System fails to conduct a required assessment within 30 days of the treatment technique trigger.
- System fails to correct a sanitary defect within required timeframe.
- Seasonal system fails to complete state-approved start-up procedure to serving water to the public.

Monitoring violation- Issued within one year (Tier 3)

- System fails to collect routine samples.
- Routine total coliform- positive; sample not tested for *E. Coli*

Reporting violation- Issued within one year (Tier 3)

- System fails to submit a monitoring report or completed assessment form in a timely manner.
- System fails to notify us of an *E. Coli*- positive sample in a timely manner.
- Seasonal system fails to submit certification completion of approved start-up procedure.

Should any questions or concerns arise, contact DOH. Safe drinking water is highest priority for any water system. Maintaining an open line of communication with DOH may be the difference in best determining the correct approach to a water quality event and the best resolution. Rules and regulations change, and DOH can provide guidance that can make the requirements easy to comply with.

This document was prepared by: Northwest Water Systems