



Lane County Environmental Health
 Drinking Water Program
 151 W. 7th Avenue
 Suite 430
 Eugene, OR 97401
 (541) 682-3753
 Fax (541) 682-7459

March 4, 2015

Fiddlers Green Pro Shop Restrooms PWS#41-06103
 Tim Whalen
 91292 Hwy 99 N
 Eugene OR 97402

Subject: Corrective Action Required for Fiddlers Green Pro Shop Restrooms to Address Source Water Fecal Contamination at Well.

The Drinking Water Services (DWS) has verified recent monitoring which confirms fecal (*E. coli*) contamination at the well (Lane 8271).

The results from recent monitoring at your water system are illustrated below:

Sample Date	Sample Type	Positive for Total Coliform Positive for <i>E. coli</i>		Sample Location
Feb 17, 2015	Total	POSITIVE--1502683005	WELL	SRC-AA
	E.coli	Absent--1502683005	WELL	SRC-AA
Feb 17, 2015	Total	POSITIVE--1502683004	WELL	SRC-AA
	E.coli	Absent--1502683004	WELL	SRC-AA
Feb 17, 2015	Total	POSITIVE--1502683003	WELL	SRC-AA
	E.coli	Absent--1502683003	WELL	SRC-AA
Feb 17, 2015	Total	POSITIVE--1502683002	WELL	SRC-AA
	E.coli	POSITIVE--1502683002	WELL	SRC-AA
Feb 17, 2015	Total	POSITIVE--1502683001	WELL	SRC-AA

	E.coli	Absent--1502683001	WELL	SRC-AA
Feb 13, 2015	Total	POSITIVE--1502629004	WELL	SRC-AA
	E.coli	POSITIVE--1502629004	WELL	SRC-AA
Feb 13, 2015	Total	POSITIVE--1502629003	MENS RR LT HB	DIST-A
	E.coli	Absent--1502629003	MENS RR LT HB	DIST-A
Feb 13, 2015	Total	POSITIVE--1502629002	MENS RR LT HB	DIST-A
	E.coli	POSITIVE--1502629002	MENS RR LT HB	DIST-A
Feb 13, 2015	Total	POSITIVE--1502629001	WOMENS RR RT SINK	DIST-A
	E.coli	Absent--1502629001	WOMENS RR RT SINK	DIST-A

Under the Groundwater Rule, Fiddlers Green Pro Shop must take corrective action to address the fecal contamination associated with the source.

In order to comply with the Groundwater Rule as per OAR 333-061-0036(6)(f), and address the fecal contamination detected at your groundwater source, you have the following corrective action options for compliance:

1. Provide an alternate source of water. Either drill a new well or connect to a different well or public water system that meets all drinking water standards. Plan review is required prior to adding a new source; please contact (DWS) Plan Review at (971) 673-0408 to start that process.
2. Retain use of existing well by performing 4- Log viral inactivation.
The well evaluation form states when effectively removing the source of fecal contamination is not plausible, chlorination with enough contact time to achieve 4.0-log viral inactivation is required. Compliance monitoring consists of installing, and maintaining a prescribed minimum chlorine residual at the entry point at all times, recording it daily and reporting to OHA-DWS on a monthly basis. Plan review is required prior to installing chlorination; please contact DWS Plan Review at (971) 673-0408 to start that process.
3. Remove all drinking water plumbed for human consumption and deactivate the facility as public water system.
Since this system only serves two restrooms with sinks the only drinking water plumbed for human consumption are the restroom sinks. You can disconnect these sinks and deactivate the facility so it is no longer a State Regulated public water system.

The DWS Hydrogeologist has reviewed the well log and found the well to be adequately constructed. “The well was drilled to a depth of 60 feet in March of 1971. The well is cased to 60 feet and sealed to 20 feet in depth (15 sacks cement). The well is considered to meet construction standards in terms of casing depth, casing seal depth, sealant volume, and annular spacing.”

Under the Groundwater Rule timeline, you must contact me by **April 3 2015** and inform me of your plan for correction. By **July 3 2015**, you must have completed this corrective action or be on an approved schedule towards its completion.

If the water system fails to take action within the required time frame, notification must be provided to all persons served by the water system. A repeat public notice will be required every three months until all deficiencies are corrected or the water system is in compliance with an approved corrective action plan. A copy of the public notice must be forwarded to DWS-DMCE at PO Box 14450, Portland, OR 97293-0450. You may also fax the report to (971) 673-0694 or email to dwp.dmce@state.or.us.

If you have any questions or concerns, or would like this in an alternate format, please contact me at 541-682-3753, I appreciate your immediate attention to this matter. We are here to help you with any of this, please contact me with any questions you may have.

Sincerely,

Sarah Puls
Lane County Environmental Health
Drinking Water Program

CC: Casey Lyon, DWS Springfield Office
Drinking Water Services, Portland files