

Significant Deficiencies and Unmet Rule Requirements

● Significant deficiency per OAR 333-061-0076 ○ Unmet Rule Requirement per OAR 333-061-XXX

☐ Source

Well Construction:

- ☐ ● Sanitary seal and casing not watertight
- ☐ ● Unscreened well vent

Spring/Other Source:

- ☐ ● Spring box construction does not exclude surface water
- ☐ ● Spring box not impervious durable material
- ☐ ● Spring box hatch/entry not watertight
- ☐ ● Spring box access hatch not secured
- ☐ ● No screened overflow

☐ Treatment

Surface Water Treatment:

- ☐ ● Turbidity standards not met
- ☐ ○ Turbidimeters not calibrated per manufacturer or at least quarterly - 0036(5)(d)(A)(i)
- ☐ ● Incorrect location for turbidity monitoring
- ☐ ○ Conventional filtration: Settled water not measured daily - 0036(5)(b)(A)(iii)
- ☐ ○ Conventional or direct filtration: Turbidity profile not conducted on individual filters at least quarterly - 0036(5)(b)(A)(iv)
- ☐ ● Cartridge filtration: Filters not changed according to mfg. rec. pressure differential
- ☐ ● Membrane filtration: Direct integrity testing does not meet requirements

Disinfection:

- ☐ ● Unable to demonstrate minimum CTs are met (including no tracer study)
- ☐ ○ Free chlorine residual not maintained - 0036(5)(C)
- ☐ ○ DPD/EPA approved method not used - 0036(9)(e)
- ☐ ○ Chlorine not measured & recorded - 0036(9)(f)
- ☐ ○ No means to adequately determine flow rate on contact chamber effluent line - 0036(5)(a)
- ☐ ○ Failure to calculate CT values correctly - 0032(3)
- ☐ ○ pH, temperature, and chlorine residual not measured daily at first user - 0036(5)(b)(B)
- ☐ ○ If serving > 3,300 people no alarm or auto plant shut off for low chlorine residual - 0036(5)(a)(E)
- ☐ ● UV Disinfection: No intensity sensor with alarm or shut-off 0036(5)(c)(D)(ii)

Other Treatment:

- ☐ ○ Non-NSF approved chemicals - 0087(5)
- ☐ ○ Corrosion control parameters not met - 0034(1)
- ☐ ● Bypass: no physical separation between treated and untreated water

☐ Finished Water Storage

- ☐ ● Roof and access hatch not watertight or adequately secured
- ☐ ● No flap valve, screen, or equivalent on overflow or drain
- ☐ ● No screened vent

☐ Distribution System

- ☐ ● 20 psi not maintained at all service connections at all times

Booster Pumps:

- ☐ ● Pump drawing from distribution main not equipped to maintain at least 20 psi on suction side

Cross Connection - 0070:

- ☐ ○ No ordinance or enabling authority (CWS)
- ☐ ○ Annual Summary Report not issued (CWS)
- ☐ ○ Testing records not current (CWS, NTNC, TNC)
- ☐ ○ No Cross Connection Control Specialist (CWS ≥ 300 connections)

☐ Monitoring

- ☐ ○ Monitoring not current - 0025(1)
- ☐ ● Unaddressed MCL violations
- ☐ ○ Unaddressed LCR AL exceedances - 0030
- ☐ ○ No Coliform Sampling Plan - 0036(6)(a)(I)

☐ Management & Operations

- ☐ ○ No operations and maintenance manual - 0065(4)
- ☐ ○ Emergency response plan not completed (CWS, NTNC) - 0064
- ☐ ○ Major modifications not approved (plan review) - 0050
- ☐ ○ Master plan not current (≥ 300 connections) - 0060(5)
- ☐ ○ Annual CCR not distributed (CWS) - 0043
- ☐ ● Overdue on compliance schedule
- ☐ ○ Public notice not issued as required - 0042

Operator Certification:

- ☐ ● No DRC at required certification level
- ☐ ○ No protocol for under certified operator - 0225(2)

☐ Other

- ☐ ● Other situations presenting an immediate public health risk, as determined by the Authority (requires manager approval)