Significant Deficiencies and Rule Violations
OHA Drinking Water Services

Source Deficiencies:

Well Construction Deficiencies:
- Sanitary seal and casing not watertight
- Does not meet setbacks from hazards
- Wellhead not protected from flooding
- No raw water sample tap
- No treated sample tap (if applicable)
- No screen on existing well vent

Spring Source Deficiencies:
- Springbox not impervious durable material
- No watertight access hatch/entry
- No screened overflow
- Does not meet setbacks from hazards
- No raw water sample tap
- No treated sample tap (if applicable)

Treatment Deficiencies/Violations:

Surface Water Treatment Deficiencies:
+ Turbidity standards not met - 0030(3)
+ Turbidimeters not calibrated per manufacturer or at least quarterly - 0036(5)(b)(A)(ii)
- Incorrect location for compliance turbidity monitoring
- If serving > 3,300 people no alarm or auto plant shut off for low chlorine residual
- For conventional or direct filtration: No alarm or plant shut off for high turbidity
- For conventional filtration: Settled water not measured daily
- For conventional or direct filtration: Turbidity profile not conducted on individual filters at least quarterly
- For cartridge filtration: No pressure gauges before and after cartridge filter
- For cartridge filtration: Filters not changed according to manufacturer’s recommended pressure differential
- For diatomaceous earth filtration: Body feed not added with influent flow
- For membrane filtration: Turbidimeter not present on each unit - 0050(4)(c)(G)
+ For membrane filtration: Direct integrity testing not done at least daily - 0036(5)(b)(F)

Disinfection Deficiencies/Violations:
+ DPD or EPA approved method not used - 0036(9)(d)
+ Free chlorine residual not maintained - 0032(3/5)
+ Chlorine not measured & recorded as required - 0036(9)
+ Minimum CT requirement not met all times - 0032(3/5)
- No means to adequately determine flow rate on contact chamber effluent line

Distribution System Violations:
- System pressure < 20 psi - 0025(7)

Cross Connection (OAR 333-061-0070):
+ 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)

Disinfection Violations (OAR 333-0050(5)(k)):
+ Bypass around UV system
+ Lamp sleeve not cleaned
+ Lamp not replaced per manufacturer
+ No intensity sensor with alarm or shut-off
+ Annual raw water sampling past due - 0036(6)(w)

Other Treatment Violations:
+ Non-NSF approved chemicals - 0087(6)
+ Corrosion control parameters not met - 0034

Finished Water Storage Deficiencies:
- Hatch not locked or adequately secured
- Roof and access hatch not watertight
- No flap valve, screen, or equivalent on drain
- No screened vent

Monitoring Violations:
+ Monitoring not current - 0025(1)

Management & Operations Violations:
+ No operations and maintenance manual - 0065(4)
+ Emergency response plan not completed - 0064(1)
+ Major modifications not approved (plan review) - 0050
+ Master plan not current (> 300 con.) - 0060(5)
+ Annual CCR not submitted (CWS) - 0043(1)(a)
+ PNC or out of compliance with AO
+ Public notice not issued as required - 0042

Operator Certification Violations:
+ No certified operator at required level - 0065(2)
+ No protocol for under certified operator - 0225(2)

Significant deficiency per OAR 333-061-0076
+ Rule violation per OAR 333-061-XXX