



2021 ANNUAL SUMMARY REPORT CROSS CONNECTION & BACKFLOW PREVENTION

WS Name and PWS ID#: TUALATIN VALLEY WATER DISTRICT, 41-00665 Submitted: 03/30/22 4:37 PM

System Size: Large System, 300+ connections

ASR Contact Information: *(if there are questions about the ASR who should we contact?)*

Name: Kahlil Howell

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Phone #: +1 (503) 744-2849

Customer Base Who does your water system serve? Count each service connection only once, include connections with and without a backflow assembly.

Do you have any residential connections in your water system? How many: 57413

Do you have any high hazard connections in your water system? How many: 737

Do you have any other types of connections not listed above? How many: 3254

Enabling Authority An **enabling authority** is required for all community water systems. The enabling authority allows for a water system to discontinue service for various reasons. A sample enabling authority is available for small water systems on our website: www.healthoregon.org/crossconnection. If you have not submitted an enabling authority to the State, please complete one and submit it as soon as possible.

Does your water system have an **enabling authority**? Yes

Was your enabling authority revised within the last year? No

This section is for Large Systems only (300+ connections)

Certified Cross Connection Specialist Information: Water System Employee, or

Name: Kahlil Howell Cert #: 5403

Email Address: kahlil.howell@tvwd.org Phone #: +1 (503) 744-2849

Does your water system have a current written backflow prevention program plan? Yes

Does the backflow prevention plan include the following:

- | | |
|---|------------|
| 1. A list of premises where health hazard cross connections exist, including, but not limited to, those listed in Table 42 (High Hazard Table). | <u>Yes</u> |
| 2. Procedure for continually evaluating the degree of hazard posed by a water users premises. | <u>Yes</u> |
| 3. Procedure for notifying the water user if a non-health hazard or health hazard is identified, and for informing the water user of any corrective action required. | <u>Yes</u> |
| 4. The type of protection required to prevent backflow into the public water supply, commensurate with the degree of hazard that exists on the water user's premises. | <u>Yes</u> |
| 5. A description of what corrective actions will be taken if a water user fails to comply with the water suppliers cross connection control requirements. | <u>Yes</u> |
| 6. Current records of approved backflow prevention assemblies installed, inspections completed, test results, and verification of current backflow assembly tester certification. | <u>Yes</u> |
| 7. A public education program about cross connection control. | <u>Yes</u> |

2021 Assembly Data

Reduced Pressure Backflow Prevention Assemblies (RP, RPBA, & RPDA)

Are there any RPs installed in your water system?	Yes
How many assemblies are installed in your water system?	1795
How many assemblies were tested?	1586
How many assemblies passed their annual test?	1500
How many assemblies failed their annual test?	84

Comments: _____

88.3% of RPBAAs tested

Double Check Backflow Prevention Assemblies (DC, DCVA, & DCDA)

Are there any DCs installed in your water system?	Yes
How many assemblies are installed in your water system?	21738
How many assemblies were tested?	21050
How many assemblies passed their annual test?	20765
How many assemblies failed their annual test?	285

Comments: _____

96.8% of DCVAs tested

Pressure Vacuum Breaker Assemblies (PVB, PVBA, & SVBA)

Are there any PVBs installed in your water system?	Yes
How many assemblies are installed in your water system?	191
How many assemblies were tested?	185
How many assemblies passed their annual test?	170
How many assemblies failed their annual test?	15

Comments: _____

96.8% of PVBA/SVBAs tested
