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June 3, 2025

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager

SUBJECT: Approve Resolution No 1637-2025 Adopting the City of Rio Dell's Cross Connection Control Program Related to Drinking Water

IT IS RECOMMENDED THAT THE CITY COUNCIL:

- 1.) Approve Resolution No. 1637-2025

BACKGROUND AND DISCUSSION

- Special Note: Resolution No. 1637-2025 and Rio Dell's Cross Connection Control Program are expected to be available for the Council and public on the afternoon of Monday May 2nd. We apologize for any inconvenience.

A cross connection control program in California is a regulatory program designed to protect public drinking water systems from contamination through backflow prevention. These programs are mandated by state law and implemented at the local level.

Purpose: The program prevents contaminated water from flowing backward into the public water supply system, which could happen when there's a pressure drop in the main system or higher pressure in a connected private system.

Legal Framework: California Health and Safety Code requires water purveyors to establish and maintain cross connection control programs. The programs must comply with standards set by the California Department of Public Health.

Key Requirements:

- Water utilities must conduct surveys to identify potential cross connections in their service areas
- High-hazard facilities (like hospitals, industrial plants, irrigation systems) must install approved backflow prevention devices
- Regular testing and maintenance of backflow prevention assemblies by certified testers
- Annual reporting to demonstrate program compliance

Administration: Most programs are run by local water agencies or municipalities, though some counties operate regional programs. Each must have a designated cross connection control specialist.

Common Cross Connections: These include fire sprinkler systems, boiler systems, irrigation systems, industrial processes, swimming pools, and any connection where non-potable water could potentially flow back into the drinking water system.

The program essentially creates a barrier system to ensure that once water leaves the public system, it cannot return and potentially contaminate the supply for other customers.

Forthcoming Attachments:

1. Resolution 1637-2025
2. Cross Connection Control Program.

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