

# 2024 RPU'S GROUNDWATER ATLAS

#### **Public Utilities**

Board of Public Utilities October 27, 2025

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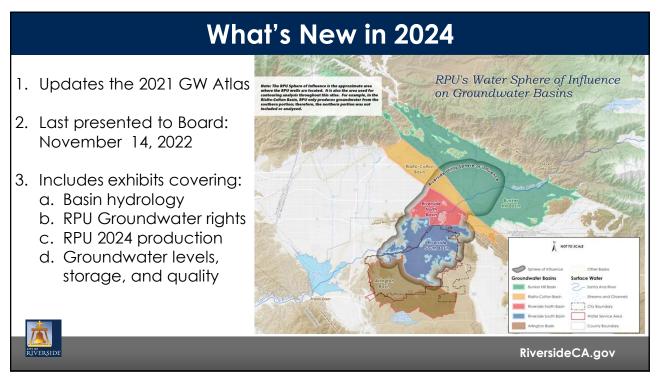
# Purpose of the 2024 Groundwater Atlas

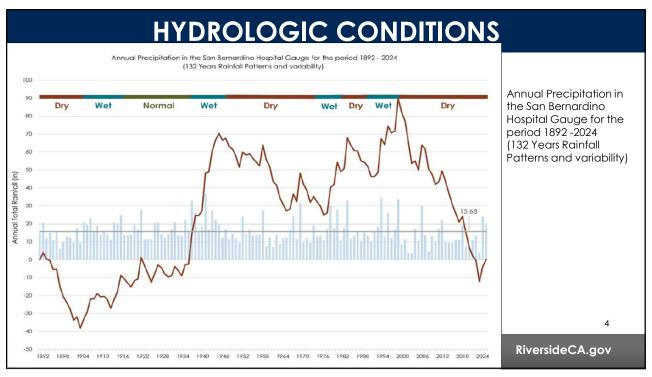
- 1. Describes current condition of the groundwater basins
- 2. Tracks changes over time
- 3. Provides readable data to Customers, Elected officials, Executive Management and RPU staff.
- 4. Support water supply planning and management.

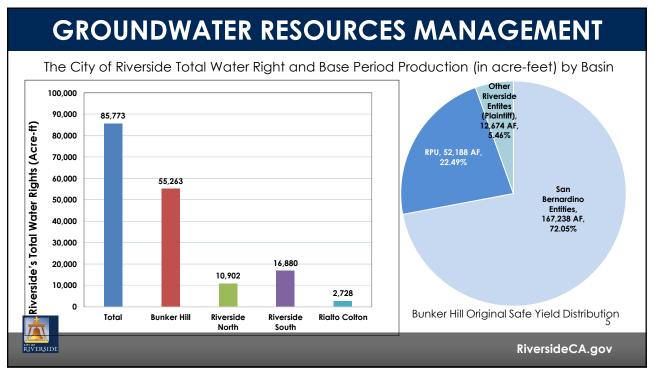




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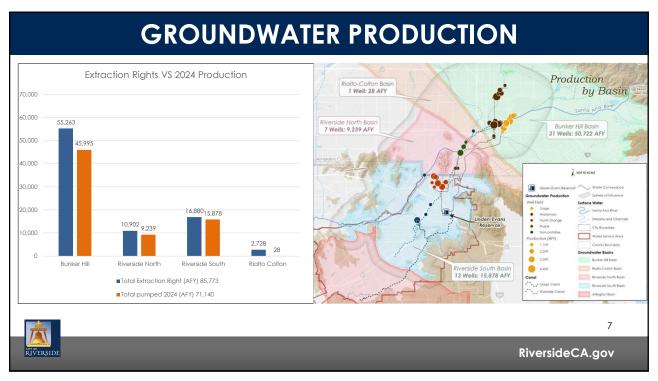
## **RPU GROUNDWATER SYSTEM**

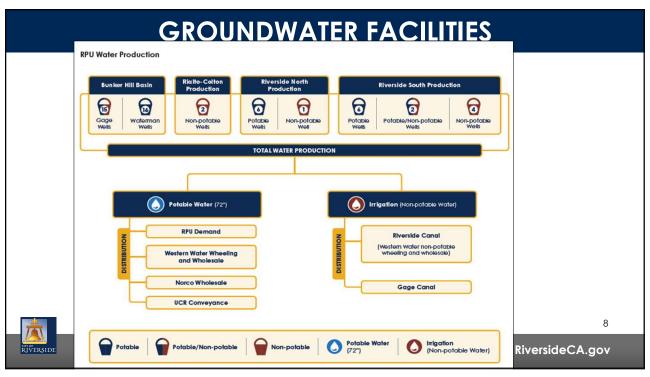
#### **RPU Water System Overview:**

- 1. 52 groundwater wells
- 2. 44 miles of potable transmission mains
- 3. 30 miles of non-potable conveyance system
- 4. Serves ~300,000 people
- 5. 69,340 service connections
- 6. 75 square-mile service area
- Surplus water also provided to the City of Norco and Western Municipal Water District

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## **GROUNDWATER LEVELS**

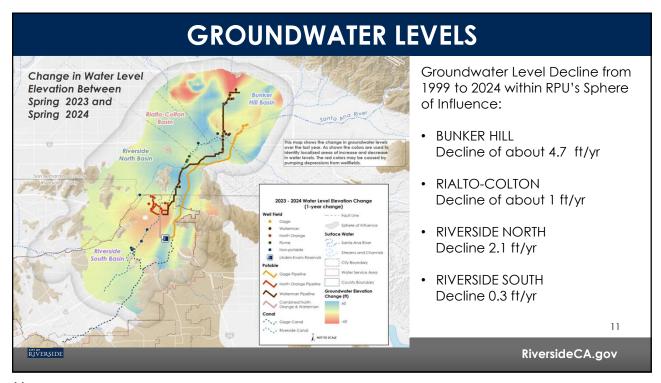
#### **Basin Monitoring Activities:**

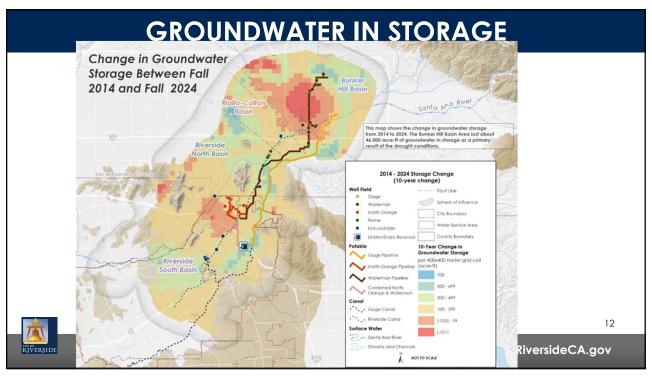
- 1. RPU monitors 4 groundwater basins:
  - Bunker Hill, Rialto Colton, Riverside North and Riverside South Basins
- 2. Data collected from RPU, USGS and other water agencies:
  - Water levels
  - Water quality
  - Production
- 3. Groundwater levels show a **long-term decline** over the past 25 years → **Impact**: Higher production costs and reduced capacity

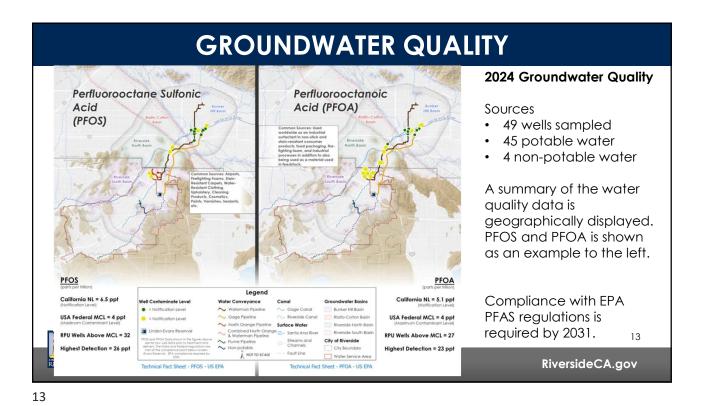


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# **RECOMMENDATIONS**

That the Board of Public Utilities receive and file an update on Riverside Public Utilities' 2024 Groundwater Atlas.



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