



Alternate Water Systems (Dual Plumbing) Ordinance

November 15, 2022

Background

- On June 1, 2021, City Council adopted Resolution No. 2021-0166
- Dual Plumbing Feasibility Study initiated in January 2022 and completed in June 2022
- July 19, 2022 – Staff presented Study Findings and Recommendation to L&L
- September 20, 2022 – Staff presented a framework for an ordinance

Onsite Water Reuse and Dual Plumbing

Phase I: 2022

Dual Plumbing
Feasibility Study

Alternate Water
Systems (Dual
Plumbing) Ordinance
Recommendations

Phase II: 2023-2026

Onsite Water Reuse
Treatment Feasibility
Study

Study District-wide
Systems

Study Program
Incentives

Follow up items from Sept 20, 2022

Additional Outreach

- Local 447
- Sacramento
Regional Builders
Exchange
- Regional Sanitation

Staff Recommendations

PHASE I

Alternate Water Systems (Dual Plumbing) Ordinance:

- 10,000 sqft – Require gray water systems for outdoor subsurface irrigation in new commercial buildings.
- 50,000 sqft – Require separate additional piping that can be used for reuse of gray water for toilet and urinal flushing in new commercial buildings

PHASE I

Exemptions:

- Residential Buildings
- Grocery stores in food deserts
- Childcare facilities
- Warehouse/storage
- Building additions and improvements

PHASE I

Timeline:

- Ordinance to City Council on December 6, 2022, for adoption
- Proposed effective date: July 1, 2023

PHASE 2

Study Onsite Water Reuse Treatment Requirements & Incentives

- Summer 2023 – Kick off with Stakeholders

Further study:

- the costs of treatment, operation and maintenance,
- city and county program requirements,
- regulatory requirements (SB 966),
- districtwide opportunities, and
- potential incentives.

- Ordinance revisions by 2026

Questions?