



Recycled Water Program – Pipeline Segment 3

February 10, 2025
PRE-BID MEETING



1

Agenda

- JCSD Team
- Key Bid Dates
- Regional Recycled Water Program Overview
- Grant Funding Requirements
- Pipeline Segment 3 Overview
- Plan Holders List / Sign In Sheet



2

2

JCSD Team

- **JCSD**
 - Scott Lynch – Program Manager
 - Walter Cano – Assist Project Manager
 - Luis Zaldivar - Project Partners
 - Keith Backus – CM Lead for JCSD
- **Design: Albert A. WEBB Associates**
 - PM: Shane Bloomfield
- **Construction Management:**
 - MWH/Michael Baker (CM/Inspection)
 - Dennis Brown – Program PM
 - Aaron Singer – Pipelines PM
 - Dave Dismang – Project Controls
 - Ninyo & Moore – Geotechnical Inspection
- **Funding Compliance:** John Robinson
- **Onsite Customer Conversions:** John Robinson
- **Labor Compliance:** The Solis Group (TSG)



Key Dates

- **Mandatory Pre-Bid Meeting**
 - February 10, 2025 (10:00 AM)
 - The Desi House (Tropicana Room): 13215 Altfillisch Ct, Eastvale, CA 92880
- **Bid Documents:** <https://www.jcsd.us/Business/>
- **Questions**
 - Email: JCSDBids@JCSD.us
 - **Due: 5:00 p.m. on March 20, 2025**
- **Bids Due:**
 - Email: JCSDBids@JCSD.us
 - **Due: 2:00 p.m. on April 1, 2025**
- **Board award**
 - May 27, 2025 (expected)



Regional Recycled Water Program Overview

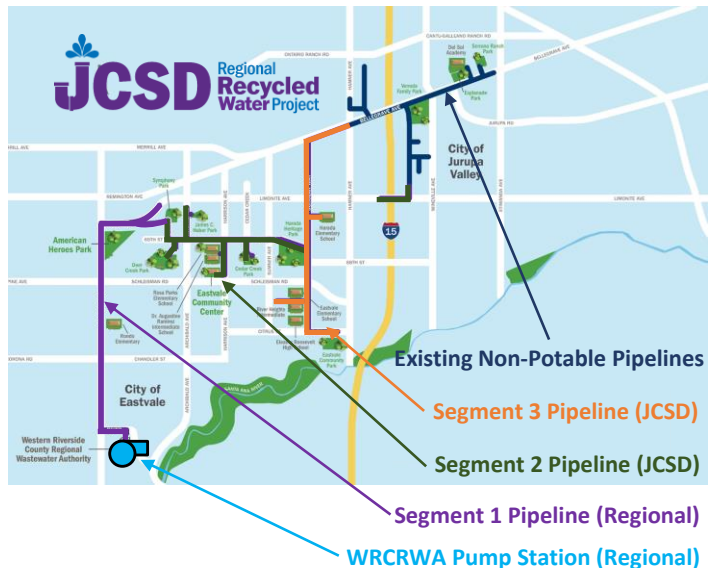


5

5

Regional Recycled Water Program

- **JCSD: 660 -->> ~1,073 AFY**
 - Parks: 278
 - Schools: 142
 - Landscaping: 96
 - Existing (non-potable system): 240
 - Developments: ~317
- **~56,000' of 8 to 24-inch pipeline**
- **WRCRWA Plant**
 - 14 MGD capacity
 - 7-8 MGD avg. daily flow
 - Tertiary (Title 22 RW)
 - Corona/Norco: 2,800+ AFY
 - Future sales (to north): 2,500 AFY

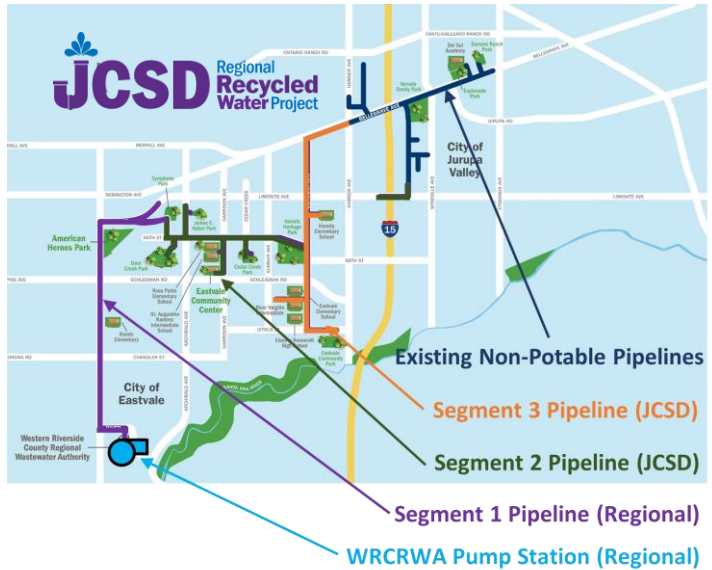


6

6

Regional Recycled Water Program

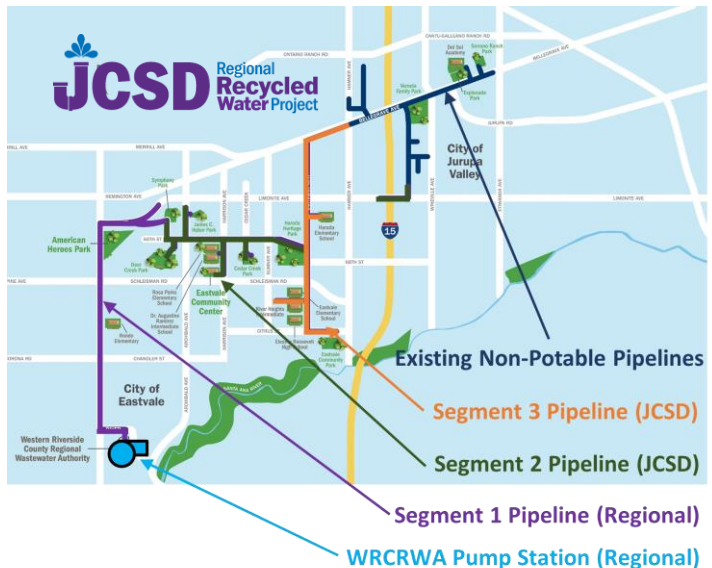
- **Regional Partnership (WRCRWA)**
 - Corona
 - Home Gardens Sanitary District
 - JCSD
 - City of Norco
 - Western Municipal Water District
- **JCSD’s role – lead for all construction**



Regional Recycled Water Program

GENERAL SCHEDULE FOR CONSTRUCTION

- **Pump Station (2 Years)**
 - April 2024 – July 2026
- **Pipeline – Segment 3 (~1 Year)**
 - May 2025 – March 2026
- **Pipeline – Segment 2 (~1 Year)**
 - June 2025 – May 2025
- **Pipeline - Segment 1 (~1 Year)**
 - June/July 2025 – June/July 2026



Grant Funding Requirements



Appendix L: State Revolving Fund Requirements

1. Miscellaneous Provisions
2. Exhibit A - Signage
3. Exhibit E - Programmatic Conditions & Cross-Cutters
4. American Iron and Steel (AIS) Products Subject to AIS
5. Exhibit G - Davis Bacon Labor Compliance Requirements
6. Wage Determination
7. DBE instructions/forms



Article IV – Miscellaneous Provisions

Appendix L – Starts on Page 17 of 46

- 29 Provisions (Section 4.1 through 4.29)
 - Bonding
 - Compliance with Law, Regulations, etc.
 - Disputes
 - Prevailing Wages
 - Etc.



Exhibit A - Signage

Appendix L – Page 30 of 46

ESTIMATED PROJECT COMPLETION
2026

ESTIMATED PROJECT COST
\$61,400,000

RECYCLED WATER

Increasing JCSD's water supply resiliency

Funding for this project has been provided in part from:

State Water Resources Control Board
Clean Water State Revolving Funds

United States Bureau of Reclamation
Title XVI Water Recycling and Desalination Construction Program

County of Riverside

BOARD OF DIRECTORS

Division 1 Kenneth J. McLaughlin	Division 4 Bart Moreno
Division 2 Lupe R. Nava	Division 5 Anthony Herda
Division 3 Betty Folsom	General Manager Chris Berch

JCSD SERVICES

Water

Wastewater

Parks & Recreation

Graffiti Abatement

Streetlights

FOR MORE INFO VISIT: WWW.JCSD.US/RECYCLEDWATER

Exhibit E - Programmatic Conditions & Cross-Cutters

Appendix L – Starts on Page 31 of 46

- Federal Award Conditions - AIS
- Wage Rate Requirements (Davis-Bacon)
- Signage Requirements
- Public or Media Events
- EPA General Terms and Conditions
 - DUNS, Conflict of Interest, Copyright and Patent, Clean Air and Water Act, etc.



American Iron and Steel (AIS) Products

Appendix L last page of Exhibit E (Page 36 of 46)

- Products greater than 50% iron or steel, measured by cost
- Permanently incorporated into the public water system or treatment works.
- Provides guidelines on:
 - Structural Steel
 - Reinforced Precast Concrete
 - Construction Materials
 - Municipal Castings



Exhibit G - Davis-Bacon Requirements

Appendix L – Starts on Page 37 of 46

- **Prevailing Wage Requirements**
- **Obtaining Wage Determinations**
- **Contract and Subcontract Provisions**
 - Minimum Wages
 - Withholdings
 - Payrolls and basic records
 - Apprentices and Trainees
 - Etc.
- **Contract Provision for Contracts in Excess of \$100k**
- **Compliance Verifications**



15

15

Wage Determination

Located Immediately after Appendix L, Page 46

- **Construction Type: Building**
- **Groups 1 through Group 12**
- **Union Rate Identifiers**
- **Surveyor Rate Identifiers**
- **Union Average Rate Identifiers**
- **Wage Determination Appeals Process**



16

16

DBE Requirements

Appendix L – Immediately after Exhibit E of Appendix L

- **Six (6) SWRCB Good Faith Efforts (GFE)**
 1. Ensure DBEs are made aware of contracting opportunities to the fullest extent practical through outreach and recruitment activities. For Tribal, State and Local Government Recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.
 2. Make information on forthcoming opportunities available to DBEs. Posting solicitations for bids or proposals for a minimum of 30 calendar days in a local newspaper, before the bid opening date.
 3. Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs.
 4. Encourage contracting with a group of DBEs when a contract is too large for one firm to handle individually.
 5. Use the services of the SBA **and/or** Minority Business Development Agency (MBDA) of the US Department of Commerce.
 6. If the prime contractor awards subcontracts, require the prime contractor to take the above steps.
- **Three (3) SWRCB Forms with GFE (4500-2; 4500-3; and 4500-4) – submit within 1 day of Bid**



Pipeline Segment 3 Overview



Recycled Water Program – Pipeline Segment 3

- **Recycled Water Pipelines**
 - 8-inch Dia. C-909 PVC, 2,380 L.F
 - 12-inch Dia. C-909 PVC, 2,550 L.F
 - 16-inch Dia. C-900 PVC, 240 L.F.
 - 18-inch Dia. C-900 PVC, 15,170 L.F
- **Jack & Bore:** 24-inch Dia. steel casing, 209 L.F. at the intersection of Hamner Ave. and Bellegrave Ave.
- **Install new services laterals, meter boxes, and meter**
 - Coordinate with onsite retrofit contractor
- **All Appurtenances**
- **Associated trenching, paving, and surface restoration in accordance with City of Eastvale requirements**
- **Traffic control – under City of Eastvale and City of Ontario requirements**



19

19

Recycled Water Program – Pipeline Segment 3

- **Coordination** with CM and retrofit contractor => Refer to **Project Phasing Requirements (Special Requirements - Section 40)**

Pipeline Contractor

- Install new recycled water service laterals
- Install new meter box and meter with AMI
- Connect to potable water system (and activate)
- Abandon existing potable water service and meter box
- Restoration of existing site improvements
- Pavement restoration

Customer Retrofit Contractor

- Complete all onsite irrigation retrofit work (downstream of meter)
- Disconnect existing potable water service
- Connect to new RW service
- Activate new RW connection services



20

20

Recycled Water Program – Pipeline Segment 3

• Public Schools

- Certain sections of this project are in public rights-of-way in front of or adjacent to public schools for the Corona-Norco Unified School District.
- Contractor, JCSD, and JCSD's Construction Manager shall meet with the school district prior to the start of construction and present the construction schedule to the school district for review and approval.
- The following is a brief description of the schools impacted by the project and the proposed construction window for each school:
 - Eastvale Elementary School
 - Year-round school calendar with limited long-duration breaks
 - » Winter Break – December 22nd - January 7th - (15 calendar days – Christmas and New Years included)
 - River Heights, Eastvale STEM, and Eleanor Roosevelt HS
 - Traditional school calendars, allowing for construction during Winter or Summer Breaks
 - » Summer Break – May 30th - August 1st (approx. 61 calendar days)



Recycled Water Program – Pipeline Segment 3

• City of Eastvale permitting

- Business license
- Traffic Control Plans (Waterline Installation) - Traffic control for ALL pipeline installation areas have been prepared by Albert A. Webb Associates and are part of the Contract Documents and are to be used for pipeline installation. **Contractor will need to prepare and submit separate traffic control plans for pavement restoration (grind and overlay).**
 - Use for design reviews with City of Eastvale and City of Ontario (if needed)
 - Permit fees to be paid directly by JCSD
- Contractor Prepared Traffic Control Plans - Contractor to prepare separate traffic control plans for pavement restoration (grind and overlay).

• City of Ontario permitting

- Traffic control at the intersection of Hamner Ave. and Bellegrave Ave. for the jack and bore and pipeline installation.



Recycled Water Program – Pipeline Segment 3

- **Geotextile Fabric:**

City of Eastvale has required the use of geotextile fabric be used during installation of the recycled water pipeline with a possible deviation/exemption from the requirement in accordance with specific testing as described in the Special Requirements.

- **C900/C909 PVC Pipe:**

C900 PVC piping will be utilized for pipe diameters 16" and larger. No coring of C900 PVC pipe will be allowed and will require the use of ductile iron tees and reducers for all service laterals, air valves, and blow-offs.

C909 PVC piping will be utilized for pipe diameters 12" and smaller. Coring of the C909 PVC will be allowed for 2" diameter and smaller service laterals and air valves.

- **Pipe Restraints and Pipe Joint Deflection:**

Due to the requirement of using pipe restraints on all pipe joints, deflections (horizontal or vertical) shown on the plans may not be achieved with standard pipe joint restraints. Contractor shall pull the joints as necessary or utilize restrained high-deflection couplings. Costs for the high-deflection couplings shall be included in the Contractor's bid item for pipeline installation. No additional compensation will be provided for the use of high-deflection couplings.



Plan Holders List / Sign-in Sheet

 **Sign in on computer (See Walter)**

 **Email JCSDbids@JCSd.us**

 **Check Website Daily**
<https://www.jcsd.us/Business/>

