



Irvine Ranch  
Water District



# connect LUNCHEON

JUNE 24, 2026

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# connect

collaboration → innovation → opportunity

# GENERAL MANAGER'S MESSAGE



# CURRENT & UPCOMING PROJECTS



# FINANCE & ADMINISTRATION

- Financial strategy
  - Budgeting, investments, debt issuance and other associated considerations
- Information Technology
  - Infrastructure including hardware, software and associated services



# WATER RESOURCES & ENVIRONMENTAL COMPLIANCE

## Water Resources

- Water supply reliability programs
- Water banking
- Energy efficiency
- Water efficiency programs
- Recycled water: on-site
- Cross connection and backflow prevention



*Syphon Reservoir*

# WATER RESOURCES OPPORTUNITIES

## Technical studies and reports

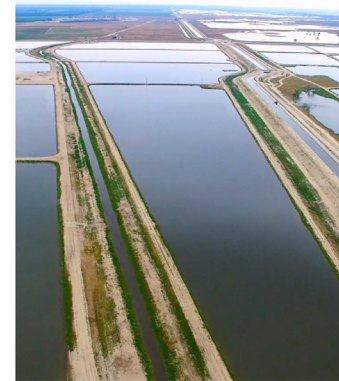
Examples:

- Water supply reliability study
- Climate adaptation plan
- Embedded energy study
- AMI evaluation
- Salt management tool

## Recycled water on-site inspections

Process:

- Consultant standing list:  
Statement of qualifications
  - Smaller projects/pilots
- Request for proposals



### Water Supply Reliability Study Update

Irvine Ranch Water District

Irvine, California

October 2025

# ENVIRONMENTAL COMPLIANCE

- CEQA/NEPA
- Biological monitoring and permitting
  - Biological surveys
  - Wetland delineations
  - Jurisdictional delineations
  - Lake and streambed alteration agreements
  - Incidental take permits
  - 404/401 Clean Water Act permits
  - NCCP/HCP
- Mitigation
  - Site development/maintenance
  - Monitoring and reporting



# ENVIRONMENTAL COMPLIANCE OPPORTUNITIES

## On-call environmental consultants

- Typically issue RFP every 3–4 years
- Most recent: 2024

## Request for proposals

- Larger projects

## Upcoming projects

- 2026/2027: Santiago Creek Dam mitigation monitoring and compliance RFP



# ENGINEERING

## Facility rehabilitation and replacement projects

- Michelson Water Recycling Plant
  - Biosolids handling improvements: Start construction by end of 2026
  - Phase 3 expansion: Start design early 2027
- Pump stations
  - Coastal domestic water and recycled water rehabilitation: Start construction early 2027
- Wellhead facilities
  - Wells 2, 12, 14, and 15 facility improvements: Advertise for construction October 2026



*MWRP Biosolids Facility*

# ENGINEERING

## Facility rehabilitation and replacement projects

- Water storage tanks
  - Shaw Tank rehab: Advertise for construction February 2027
- Pipelines
  - Modjeska Harding Pipeline: Start design July 2026
  - Pipeline replacement program: About 3 miles per year



*Shaw Tank*

# ENGINEERING

## Planning studies

- Water Resources Master Plan
  - Issuing RFP in July 2026
- Dyer Road Well Field pipeline condition assessment
  - Issuing RFP in July 2026



# ENGINEERING

## Santiago Creek Dam (Irvine Lake) Improvement Project

- Restore lake to full capacity
- Overall safer facility that will increase reliability for years

### SCOPE:

Earthen embankment dam; dam control building; pump diversion and treatment system; tiebacks and anchors; pre-fabricated steel truss bridge; concrete and roller compacted concrete spillway



*Irvine Lake*



Irvine Ranch  
Water District



# LUNCH & OPEN NETWORKING

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*Please exit through rear door*

Form two lines, one on each side of the table

Restrooms are down the hallway