

**WELCOME**

and

**THANK YOU**

for attending the

**River Island  
District Public Meeting**

**River Island Golf Course Clubhouse**

*February 27, 2018*

# Del Oro Water Company River Island District Water Treatment Plant

Representing:

**Del Oro Water Company**

- ❖ Janice Hanna – Director of Corporate Accounting and Regulatory Affairs

**Luhdorff & Scalmanini Consulting Engineers**

- ❖ Jason Coleman – Project Engineer
- ❖ William Gustavson – Principal Project Manager

# Purpose of the Meeting

- Present \$5,189,176 mandated Treatment Plant & Conveyance System Project
- Review impact on your bill
- Your opportunity to ask questions

# Water Quality Issues

- River Island Uses Ground Water from 14 Wells Located Throughout the District
- Some of the Wells have Contaminants that Exceed Safe Drinking Water Standards
- The Contaminants are Nitrate and Uranium with Some Wells Containing Elevated Levels of Arsenic, and Gross Alpha
- Department of Public Health (now know as The State Water Resources Control Board, Division of Drinking Water) has Issued Compliance Orders to Correct the Water Contaminant Issue, dating from 2005

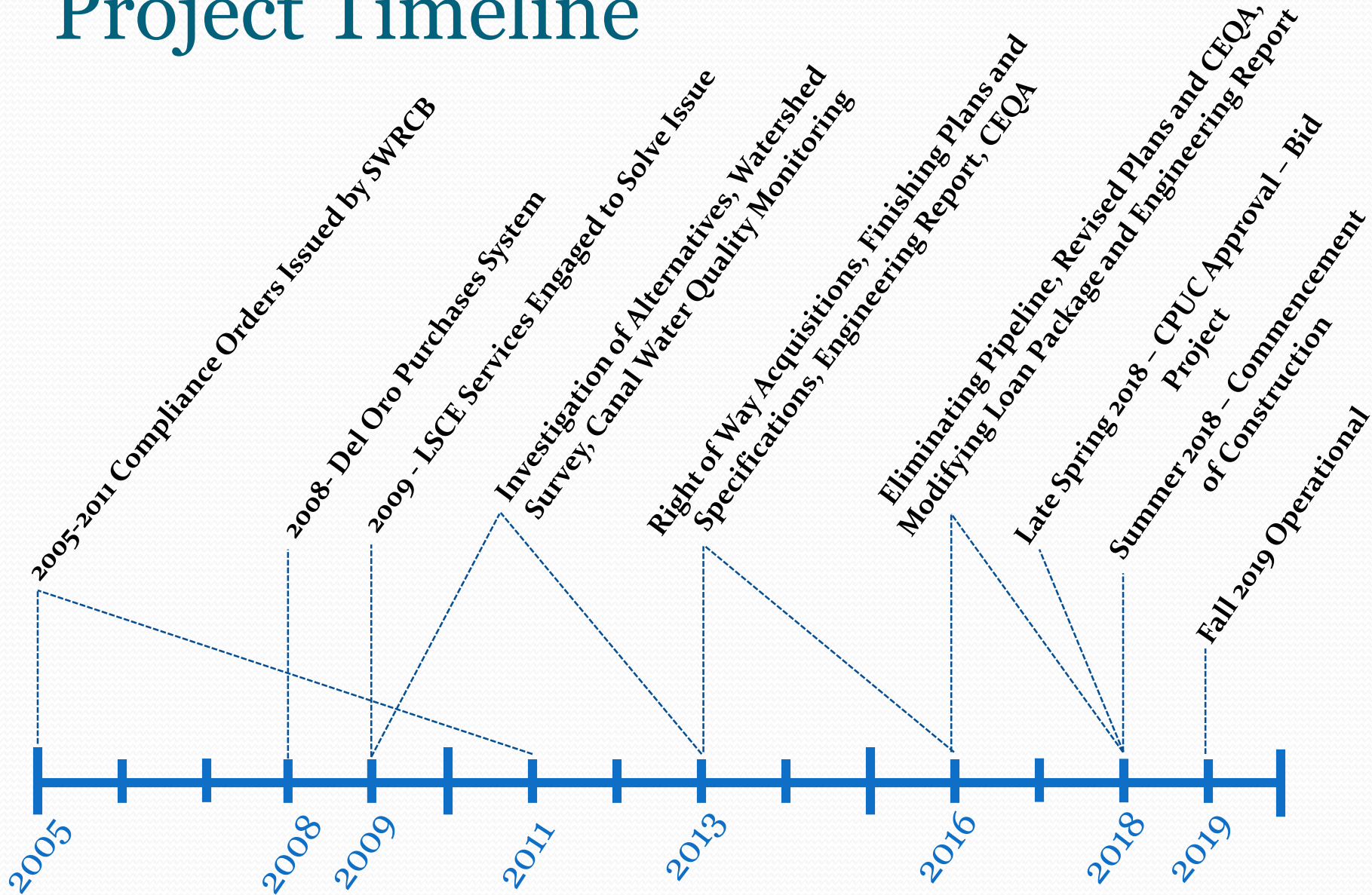
# A Long And Very Involved Process

- Evaluation of Alternatives and Selection of Best Alternative
  - Consolidation / Blending
    - High capital cost
    - Inadequate source of supply available
    - Blending prohibitive
  - Well Head Treatment
    - High capital costs and maintenance costs
    - No increase to source of supply
    - Continued decline in WQ affects treatment effectiveness
    - Different treatment system types required across sources
    - Waste management / Disposal
    - Limited space onsite
  - Centralized Treatment
    - Water source Pleasant Valley Canal (PVCC) which is conveniently located
    - Most economical
    - Additional source capacity (future unit)
    - Waste byproduct (sludge) is more easily managed
    - Allows for emergency water storage

# A Long And Very Involved Process

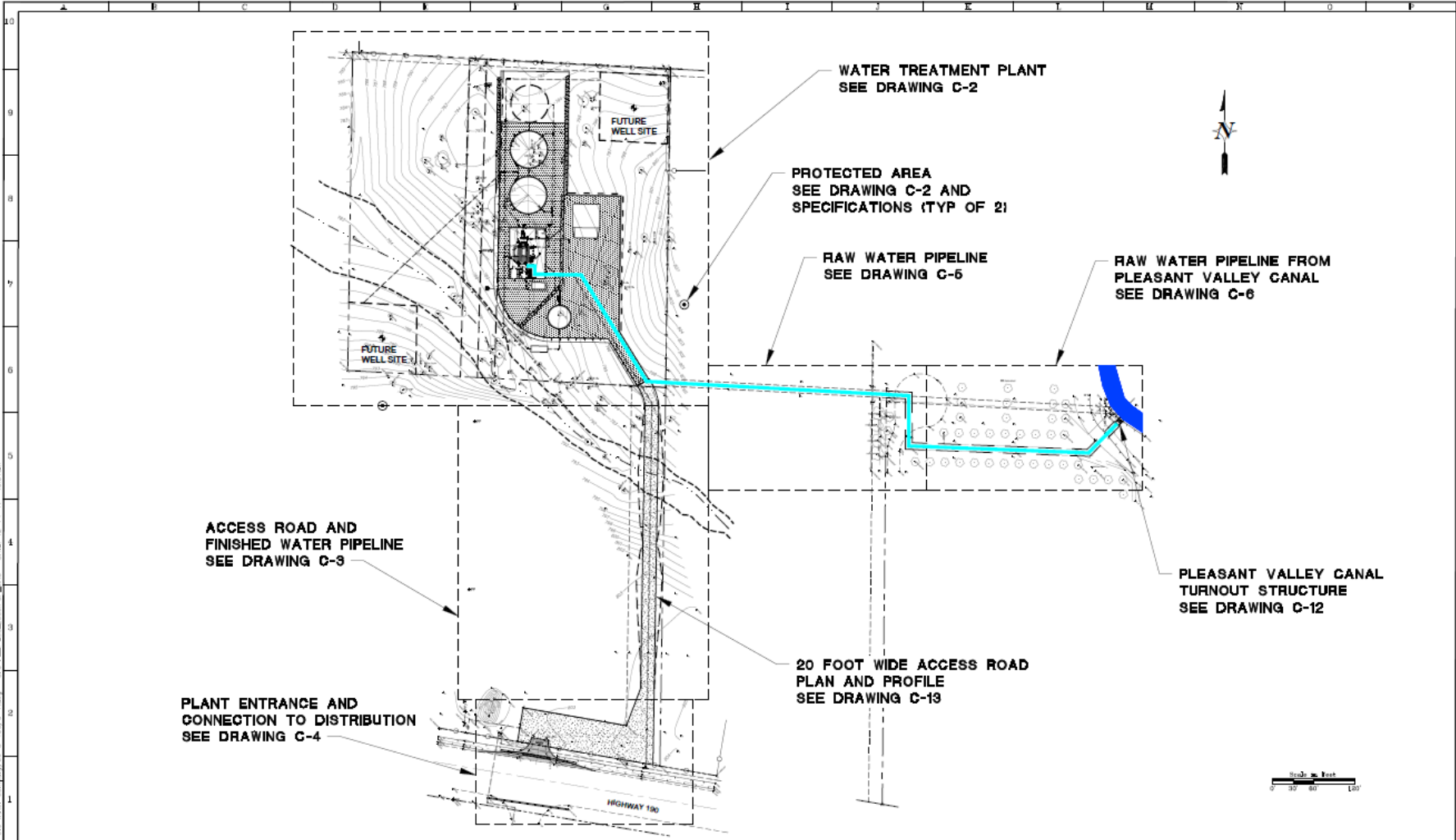
- Preliminary Design Work – Watershed Survey and Source Water Quality Study
- Environmental Impact Report (CEQA/NEPA)
- Design of Project – Development of Plans and Specifications, including Right-of-Way Acquisition
- Project Funding – Reports and Applications
- Regulatory Review – State Water Board, Division of Drinking Water, California Department of Public Health, and California Public Utilities Commission
- Permitting through Various Agencies
- Bidding and Construction

# Project Timeline





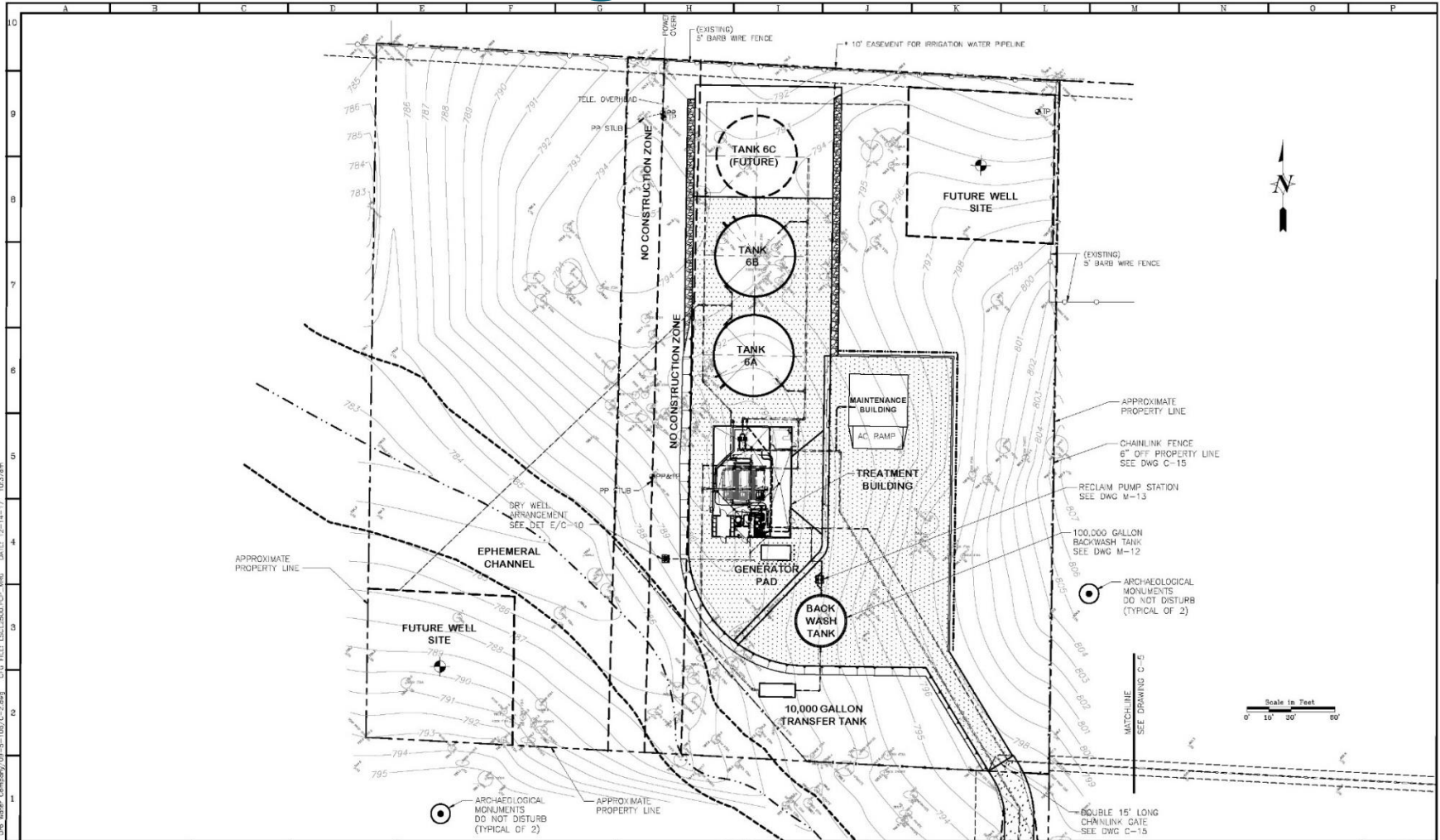
# Overall Site Plan



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					DATE	NO.	DESCRIPTION	BY	DATE	APP.																											
SUBMITTED: _____ DATE _____ APPROVED: _____ DATE _____	DRAWING NUMBER <b>C-1</b> SHEET NUMBER <b>8</b> OF <b>54</b>																																				



# Enlarged Site Plan



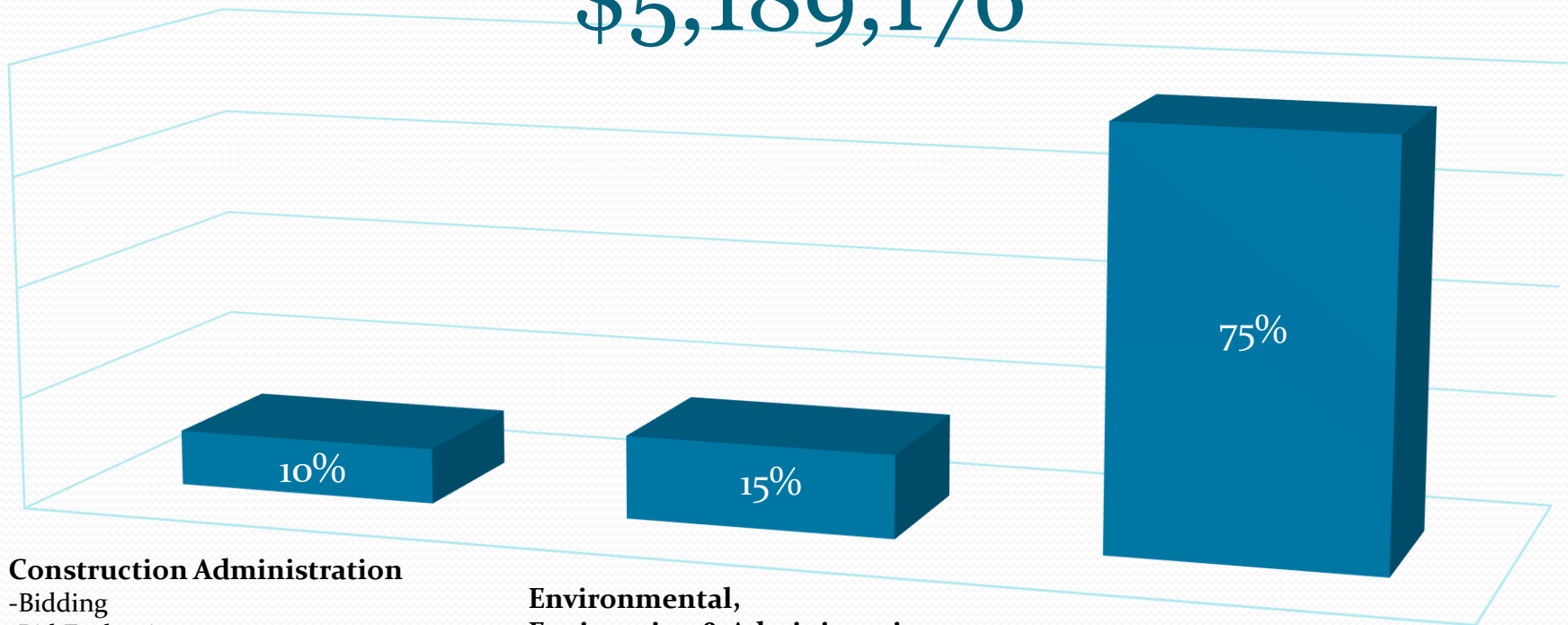
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DATE: MAY 2017	LINE IS 2 INCHES AT FULL SIZE (8 1/2" X 11" SHEET)			REVISIONS	Del Oro Water Company RIVER ISLAND DISTRICT WATER TREATMENT PLANT	SCALE: AS SHOWN							
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**ENLARGED  
SITE PLAN**

# Project Construction Costs

\$5,189,176



## Construction Administration

- Bidding
- Bid Evaluation
- Administration of Contract Documents
- Inspection and On-Going Testing
- Startup and Commissioning
- Project Closeout

## Environmental, Engineering & Administrative

- Environmental Impact Report
- Regulatory Agencies Permitting and Approvals
- Engineering Evaluation of Alternatives
- Water Quality Investigations and Watershed Surveys
- Development of Plans and Specifications
- Right of Way Acquisition
- State Revolving Funding Applications and Reports

## Plant Infrastructure

- Treatment Filters and Buildings
- Pumps, Piping, and Electric
- Storage Tanks and Clear well
- Site Improvement and Roadways

**How will the  
rate adjustment  
affect you?**

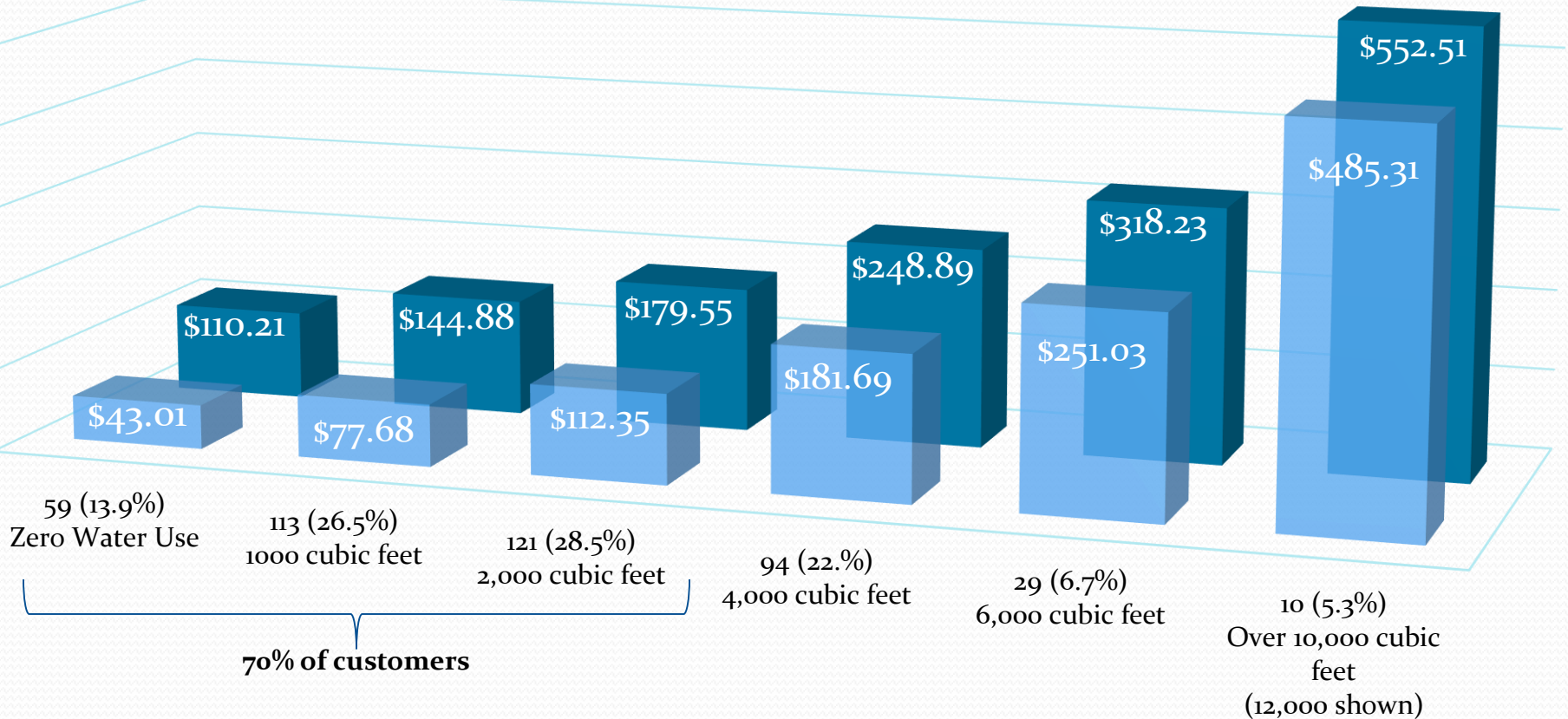
# Financial Impact

- Project is eligible for Safe Drinking Water Revolving Fund (SRF) funding in the amount of \$5,189,176
- The semi-annual payments are funded by surcharges billed to the customers
- The surcharges are deposited into a State Fiscal Account
- Annually, the CPUC audits the Fiscal Account & determines if the surcharge needs adjusting

# Financial Impact

- There is no financial benefit or profit to Del Oro for this project
- The surcharge will become effective approximately six months after construction commences
- The Engineer's estimate of Operation & Maintenance expenses at today's dollars do not impact current rates
- The expenses will be reviewed by the CPUC in the early part of 2020 after the project is completed

■ Current Rates ■ Estimated Rates with \$67.20 SRF Surcharge



Total number of customers in this category (percentage of total)  
Based on current rates for up to 1" Meters Readiness to Serve + Quantity



52 Years of serving California

DEL ORO WATER COMPANY

DELIVERING NATURE'S PRECIOUS RESOURCE

Service Status | Contact Us | Login

Home My Account About Us Customer Service Water Districts Water Information E-mail Sign-Up

River Island District

50 YEARS Serving California 1963 2013

Search

Search

Search ...

Announcements

- 2014-2016 Drought Status

Select Your District Here

For 24-hour customer support or emergency, please call:

1-877-DEL-ORO-H2O (1-877-335-6764)

For Billing or Service Inquiries: 1-530-717-2500

To contact a Customer Service Representative, River Island District customers please dial 530-717-2514

**Public Meeting Notice**

A public meeting is scheduled for **Thursday, August 18th at 6:30 P.M.** at the River Island Golf Course Clubhouse located at 31989 River Island Drive, Porterville, CA. For more information, see Advice Letter 457 below.

**Important DATE!**

Public Notification

Home Project Updates Domestic Rates & Tariffs Irrigation Rates & Tariffs Special Conditions

River Island District serves Tract Number 389 and vicinity, adjacent to the River Island Golf Course, located approximately four miles south of Springville, Tulare County, California.

**2016 Meter Reading Schedule**

**NEW** 2014-2016 DROUGHT INFORMATION (Click Here)

Please read the [notice](#) which was mailed with the July 27, 2016 bills. The complete list of restrictions can also be found in [Rule 14.1](#). **Alternate watering days and water prohibitions are in effect for ALL Districts.**

STAGES 1 & 2 (3 Day-A-Week Watering)						
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY

It's easy to navigate our website!  
Just visit:  
[www.delorowater.com](http://www.delorowater.com)

and select  
*River Island*








Access your account & make online payments  
24/7/365

Sign-up for email notifications



# 2018 Drought Update

- In 2017, River Island District **conserved** an average of **19%** versus 2013.
- The State of CA rescinded many drought restrictions with Executive Order B-40-17, but encourages water conservation as a way of life.
  - For a list of permanent restrictions, please see: <http://www.delorowater.com/restrictions.html>
  - Rule 14.1 Stage 1 remains in effect ([www.delorowater.com/deloro/water-information/rule-14-1.html](http://www.delorowater.com/deloro/water-information/rule-14-1.html))
- As part of the continued drought response in Tulare County, **River Island customers should continue to conserve at least 8%**

<b>STAGES 1 &amp; 2 (3 Day-A-Week Watering)</b>						
<b>MONDAY</b>	<b>TUESDAY</b>	<b>WEDNESDAY</b>	<b>THURSDAY</b>	<b>FRIDAY</b>	<b>SATURDAY</b>	<b>SUNDAY</b>
						
<b>—</b>	<b>EVEN</b>	<b>ODD</b>	<b>EVEN</b>	<b>ODD</b>	<b>EVEN</b>	<b>ODD</b>

**ALL Days: NO Watering 8 AM to 6 PM**