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

- 2005-2011 Compliance Orders Issued by SWRCB
- 2008: Del Oro Purchases System
- 2009: LSCE Services Engaged to Solve Issue
- 2011: Survey, Canal Water Quality Monitoring
- 2013: Right of Way Acquisitions, Finishing Plans and Specifications, Engineering Report, CEQA
- Late Spring 2016: Modifying Loan Package and Engineering Report
- Summer 2018: CPUC Approval – Bid
- Fall 2018: Project
- Fall 2019: Commencement of Construction
- 2019: Operational
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
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.
Total number of customers in this category (percentage of total)
Based on current rates for up to 1" Meters Readiness to Serve + Quantity
It’s easy to navigate our website!
Just visit:
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](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%