



# **GRP Review Committee Meeting**

## **January 22, 2024**

# Item 1

## Call to Order

# Item 2

## Public Comments

# Item 3

## Approval of Minutes

# Item 4

## GRP Division Updates

**Item 5**  
**Lone Star Groundwater Conservation**  
**District Update**

## **Item 6**

**Discuss and Act on Engagement of a Firm to Complete an Administrative, Accounting, and Revenue/Expense Allocation Study.**

**Item 7**  
**Discuss and Act on FY2024 GRP Budget  
Amendment**





# **Proposed GRP Budget Amendment**

**GRP Review Committee Meeting  
January 22, 2024**



# Proposed Budget Amendment

## Membrane Capacity Study \$300,000

### Professional Services – Engineering:



Original budget	\$435,000
Proposed budget	\$735,000

# Why Start Now?



PHOTOGRAPH 7.- DETAIL OF PA230902 FIBERS.

- 💧 Autopsies conducted every 2 years
- 💧 Trend shows increased fouling
- 💧 Chemicals becoming less likely to remove fouling




**GLOBAL RESEARCH AND SCIENTIFIC SERVICE - H<sub>2</sub>O Innovation**  
MEMBRANE AUTOPSY REPORT

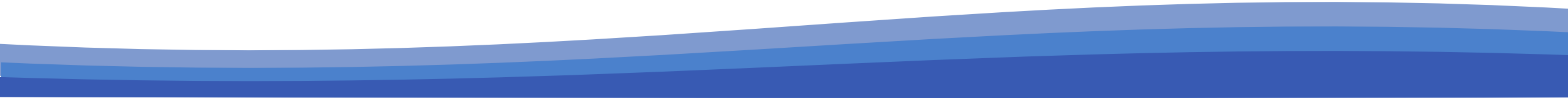
Report reference: PA230902

Plant reference: San Jacinto

Report delivery date: October 16, 2023

 Specialty Chemicals Group  
CHESHIRE - MADRID - VISTA  
genesysro.com • pwtchemicals.com

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# What Does The Study Include?

- 💧 Verify approach to membrane replacement
  - 💧 Determine ability to use non-proprietary vendor
    - 💧 Equipment changes required / cost savings
  - 💧 Determine proper phasing of replacement over 3 years
- 💧 Verify current capacities of process units of the plant
  - 💧 Change in membranes may adjust SWTF production capacity
  - 💧 Identify bottlenecks to achieve design capacity
- 💧 Develop alternatives to upsize process unit's capacity
  - 💧 High level effort, no design
  - 💧 Determine what can be done and cost
- 💧 Coordination with TCEQ



# Proposed Budget Amendment

- **GRP Membrane Capacity Study** **\$ 300,000**

## **Summary:**

- Verify our approach to the membrane replacement (Pall or other brands)
- Verify current capacities of the various process units of the plant
- Tracing of the unit processes that define the plant's capacity and at a high level develop alternatives to upsize that process unit's capacity
- Coordination with TCEQ on current process and requirements for defining capacity and re-rating of a facility

# Recommendation

**Recommend approval to the Board of Directors a resolution adopting an amended Fiscal Year 2024 Operating Budget for the GRP Division.**

**Item 8**  
**Discuss and Act on GRP Arc Flash Study**

**Item 9**  
**GRP Items for Consideration by the SJRA**  
**Board of Directors**



# Item 10

## Attorney's Update

**Item 11**  
**Future GRP Review Committee Meeting**  
**Agenda Items**

**Item 12**  
**Future Meeting Schedule**

**Tuesday, February 20, 2024**

# Item 13 Adjourn