



# **GRP Review Committee Meeting**

**July 25, 2022**

# Item 1

## Call to Order

# Item 2

## GRP Review Committee Members

# Item 3

## Public Comments

# Item 4

## Approval of Minutes

# Item 5

## GRP Division Updates

# Review Committee Election Updates

## Woodlands Water Appointment

On June 8, 2022, Woodlands Water Trustees appointed Mr. Michael Mooney to serve as their representative for the upcoming 2023 – 2027 term.

## MUDs West of I-45 Election

As the sole nominee, Mr. Jackie W. Chance, Sr., has been elected to serve as the representative for MUDs West of Interstate 45 for the upcoming 2023 – 2027 term.

**Both members will be officially seated at the January 23, 2023, meeting.**

# Review Committee Election Updates

Two nominees have been received for Small Cities, exclusive to the City of Conroe.

**James Corn**

**Robert Byerly**

Ballots will be sent to the (7) participants by August 1, 2022, and results will be announced at the December 5, 2022, meeting.

## Participants that are municipalities, exclusive of the City of Conroe, (collectively, "Voting Municipalities")

PARTICIPANT/SYSTEM CITIES (Other than Conroe)	2021 Water Used	VOTING % (Rounded to the nearest $\frac{1}{10}$ )*
City of Cut and Shoot	181,888,000	16.0%
City of Magnolia	246,348,000	21.6%
City of Oak Ridge North	123,410,000	10.8%
City of Patton Village	26,429,000	2.3%
City of Splendora	261,839,300	23.0%
City of Willis	257,510,400	22.6%
City of Woodbranch Village	41,268,000	3.6%
<b>TOTALS</b>	<b>1,138,692,700</b>	<b>100.0%</b>



# GRP Surface Water Plant Production

## FY22 Budgeted

12.00 MGD

4,380,000,000 gallons

## FY22 Actual to Date

12.12 MGD

3,672,360,000 gallons

## Since January 1, 2022

10.40 MGD

1,882,810,000 gallons

## FY22 Remaining

707,640,000 gallons

~ 350 MG used in July 2022

# Surface Water Delivery

## *As of July 1, 2022*

Converted Participant	FY22 Budgeted Surface Water (gallons)	FY22 Actual Surface Water (gallons)	FY22 Surface Water Remaining (gallons)
City of Conroe	1,478,898,187	1,211,632,000	267,266,187
City of Oak Ridge North	48,620,747	42,306,000	6,314,747
MC MUD 99	127,263,900	93,250,000	34,013,900
MSEC	303,995,060	180,207,000	123,788,060
Rayford Road MUD	149,738,367	66,782,000	82,956,367
SJRA Woodlands	2,113,927,460	1,797,201,000	316,726,460
SMC MUD	150,017,160	134,279,000	15,738,160
<b>TOTAL</b>	<b>4,372,460,881</b>	<b>3,525,657,000</b>	<b>846,803,881</b>

# GRP Line Break – March 2022

30" PVC

19' crack along top of pipe

Identified leak  
5:00 am

Leak located  
6:00 am

Leak isolated  
7:15 am

Estimated water loss  
2 MG



**Item 6**  
**Discussion and Recommendation for**  
**2023 Project Priorities**

# Panther Branch Fault Study - Budget

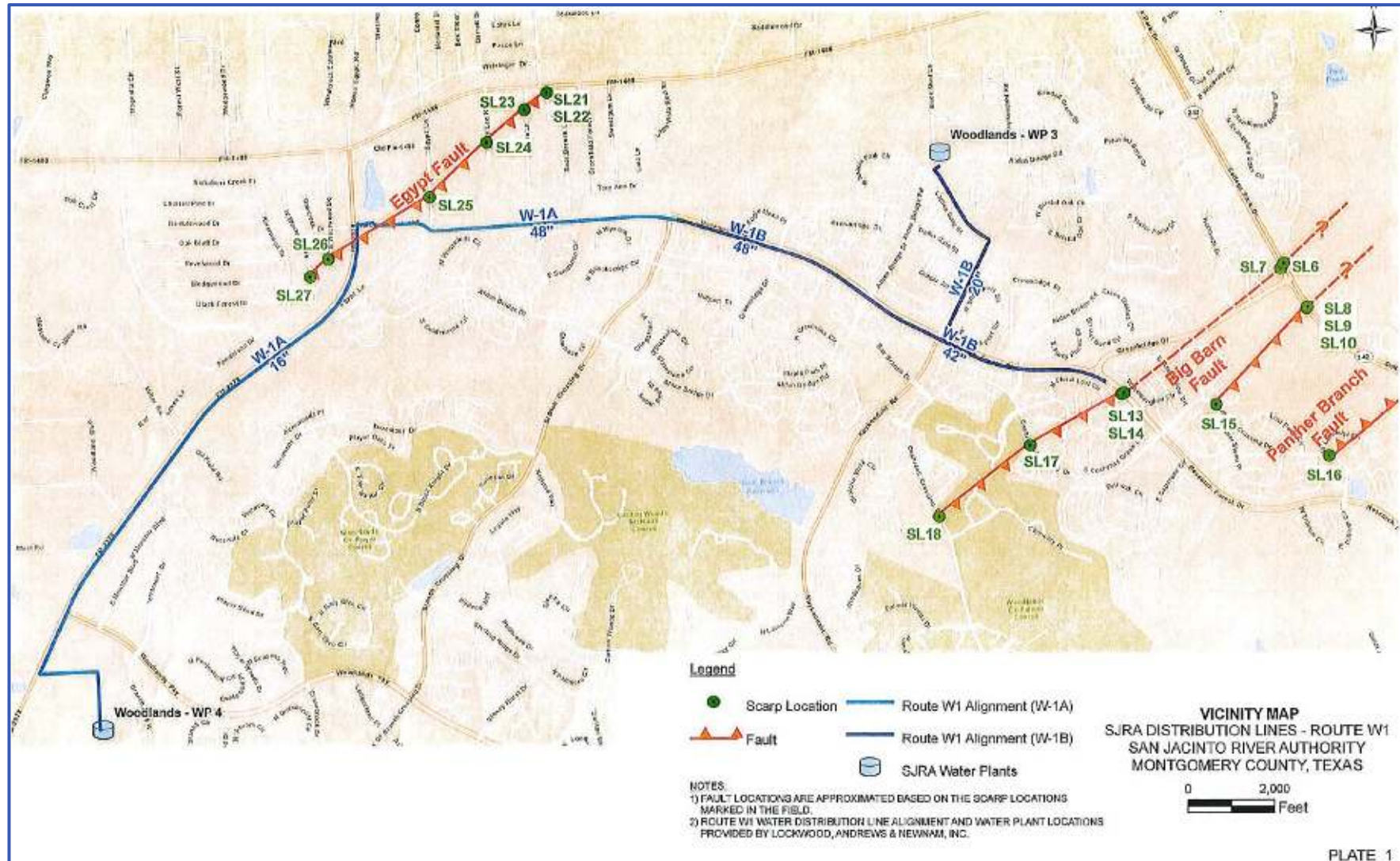
OVERALL BUDGET	
Original Budget Amount	\$110,000.00
Estimated Study Amount	\$129,265.00

## Reasons for Budget Overage

- Additional Topographic Survey required to record elevations of surface features.
- More soil borings required than anticipated.
- Cost escalation since original estimate for budget.

Scope of Work Task Summary	
Description	Amount
Task 1301 – Project Management and Workshops	\$8,264.00
Task 1302 – Phase I and Phase II Fault Study and Survey	\$110,503.00
Task 1303 – Engineering Analysis	\$10,498.00
<b>Total Compensation</b>	<b>\$129,265.00</b>

# Panther Branch Fault Study - Location



# Process Water Recovery Basin Lining Improvements – Budget

## OVERALL BUDGET

Original Design Budget	\$100,000.00
Original Construction Budget	\$600,000.00
Estimated Construction Budget	\$1.46M - \$2.05M

### Current Status

- Geotechnical investigation and topographic survey completed
- Draft preliminary technical memorandum submitted early July

### Reasons for Budget Overage

- Soil-cement is not a viable base for proposed solutions
- High water table in the site limits
- Adequate clear cover on concrete reinforcement to prevent corrosion from chemicals used in plant
- Cost escalation since budget development

## Design Budget

Description	PO Amount	Invoiced to Date
Geotechnical Investigation	\$17,414	\$15,148
Topographic Survey	\$8,020	\$8,020
Task 1101 – Project Management	\$10,400	\$3,900
Task 1102 – Preliminary Design	\$19,600	\$18,308
Task 1103 – Final Design	\$31,000	\$0
Task 1104 – Quality Control Review	\$10,868	\$2,717
Task 1105 – Procurement Phase Services	\$3,000	\$0
<b>Total Compensation</b>	<b>\$100,302</b>	<b>\$48,093</b>

# Process Water Recovery Basin Lining Improvements



## PROPOSED SOLUTIONS

Dry Mix Shotcrete	\$1,455,000
Dry Mix Shotcrete w/ Piping Replacement	\$1,665,000
Cast-in-Place Concrete	\$1,840,000
Cast-in-Place Concrete w/ Piping Replacement	\$2,050,000

Values include 10% for CMT, CPS, and CM&I



**Item 7**  
**Lone Star Groundwater Conservation**  
**District Update**

**Item 8**  
**GRP items for consideration by the**  
**SJRA Board of Directors on July 28, 2022**

# Item 9

## Attorney's Update

**Item 10**  
**Future GRP Review Committee Meeting**  
**Agenda Items**

**Item 11**  
**Future Meeting Schedule**

**Monday, August 22, 2022**

# Item 12 Adjourn