



# GROUNDWATER REDUCTION PLAN MONTHLY OPERATIONS REPORT

## OCTOBER, 2020

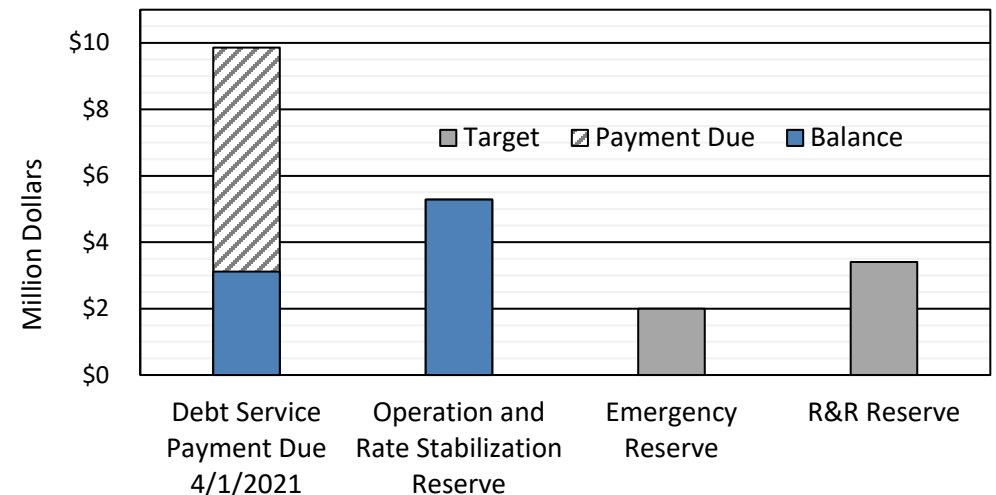
Monthly Actual Fund vs. Budgeted

	Actual	Budgeted	% Variance
Operating Revenues	\$10,946,841	\$9,721,860	13%
Operating Expenses	\$1,015,099	\$1,123,318	3%

Operating Fund Balance	\$3,021,754
Operating and Rate Stabilization Fund Balance	\$5,286,828
Months of Budgeted Operating Funds	<b>4.72</b>
Change from Previous Month	\$89,351
Interest Payment Due 4/1/2021	*\$9,859,159
Balance in Debt Service Fund as of 10/31/2020	\$3,114,756

\*monthly debt service is ~\$2.9 million

Current Fund Balances

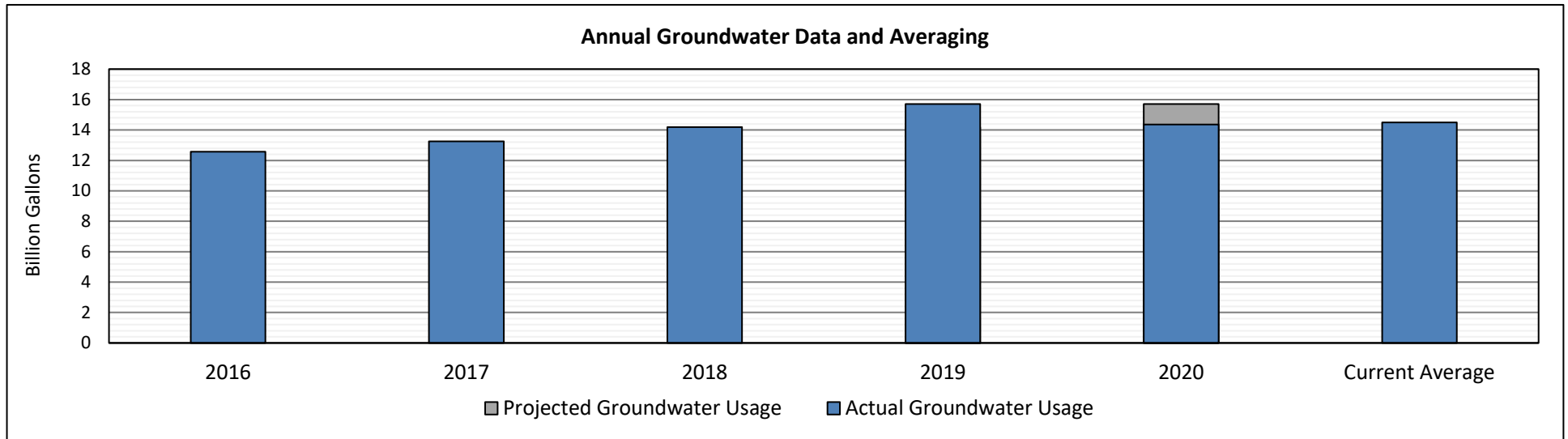


## **1.0 PARTICIPANT GROUNDWATER TRACKING**

The following information is related to the Joint GRP's groundwater usage and goals along with compliance with Lone Star Groundwater Conservation District's (LSGCD) rules and regulations.

### **1.1 GROUNDWATER DATA**

The purpose of the graph below is to track the GRP Participant's aggregate groundwater withdrawal by calendar year and subsequently calculate the average groundwater withdrawal. Additionally, the graph provides the current calendar year's projected aggregate groundwater withdrawal in comparison to the reported aggregate groundwater withdrawals, to date



### **1.2 LONE STAR GROUNDWATER CONSERVATION DISTRICT REQUIREMENT STATUS**

The Joint GRP is compliant with Lone Star Groundwater Conservation District rules.

### **1.3 PARTICIPANTS**

There are currently 149 Joint GRP Participants.

Following are recently received, new Joint GRP Contracts and/or amendments to existing Joint GRP Contract's exhibits for consideration:

- None at this time.

## 2.0 REPORTED WATER USAGE

For the purpose of the GRP Monthly Operations Report, water usage is separated into three (3) categories; groundwater, alternative water source (AWS), and surface water withdrawal. Groundwater and AWS water usage is self-reported by Participants through an online reporting system (ORS), TrueBill. Pursuant to the GRP Rate Order, Participant water usage must be reported no later than ten (10) days from the end of the month. The water usage data in Sections 1.1 - 1.3 is as of November 18, 2020.

### 2.1 REPORTED GROUNDWATER USAGE

The amount of groundwater usage reported by GRP Participants for the month of October is **1,472,602,712** gallons.

### 2.2 REPORTED ALTERNATIVE WATER SOURCE USAGE

For the purpose of this report, reported AWS usage is separated into three (3) categories; surface water, Catahoula Aquifer usage, and reuse. The amount of AWS usage reported for the month of October is **507,808,100** gallons. The AWS data reflected in the tables below are reported by source and Participant for the month of October.

#### 2.2.1 SURFACE WATER WITHDRAWAL

Surface water withdrawal is the amount of surface water that is metered through the Raw Water Intake. For the purpose of the GRP, the amount of surface water withdrawal for the month of October was **459,780,000** gallons. There is an estimated water loss of 1.73%.

#### 2.2.2 REPORTED SURFACE WATER USAGE

Reported Surface Water Usage in Gallons - October 2020	
City of Conroe	146,673,000
City of Oak Ridge North	5,287,000
Montgomery County MUD 99	17,670,000
MSEC - Montgomery Trace Crown Oaks	29,683,000
Rayford Road MUD	6,391,000
SJRA - The Woodlands	232,554,000
Southern Montgomery County MUD	13,576,000
<b>Total Gallons</b>	<b>451,834,000</b>

#### 2.2.3 REPORTED CATAHOULA AQUIFER USAGE

Reported Catahoula Aquifer Usage in Gallons - October 2020	
City of Conroe	0
City of Willis	26,348,000
Corinthian Point MUD No. 2	3,884,000
Far Hills Utility District	5,886,000
Point Aquarius MUD	11,626,000
<b>Total Gallons</b>	<b>47,744,000</b>

#### 2.2.4 REPORTED REUSE WATER

Reported Reuse Water Usage in Gallons - October 2020	
ClubCorp - Panther Trails	2,406,000
Southern Montgomery County MUD	5,824,100
<b>Total Gallons</b>	<b>8,230,100</b>



### **3.0 DIVISION UPDATES**

#### **3.1 KEY PERFORMANCE INDICATORS**

Key Performance Indicators (KPIs) are tracked by fiscal year. Performance measurement is an essential management tool to help decision makers set a course to improve their organizations. In order to gauge current performance and set reasonable targets for the future, the GRP Division utilizes the American Water Works Association (AWWA) Utility Benchmarking Program. AWWA's Benchmarking Program was developed to help utilities track their own data and compare it to established standards among water industry peers.

KPI	SJRA GRP		AWWA Benchmark		
	Monthly	FYTD	75th	Median	25th
Days Cash on Hand	143	143	613	479	270
Preventative Maintenance %	45%	51%	72%	61%	56%
Regulatory Compliance (Water)	100%	100%	100%	100%	100%
O&M Cost (Water)	\$3,004.39	\$2,555.10	\$1,755.00	\$3,285.00	\$4,681.00
Regulatory Compliance (LSGCD)	100%	100%			

#### **3.2 DROUGHT CONTINGENCY PLAN TRIGGERS/STATUS**

The GRP has not implemented any stages in its Drought Contingency Plan.

#### **3.3 PUBLIC COMMUNICATION ACTIVITIES**

- None at this time.

#### **3.4 UPCOMING ACTIVITIES**

- None at this time.



## 4.0 FINANCIAL

### 4.1 ACTUAL TO BUDGET COMPARISON

San Jacinto River Authority - GRP Actual to Budget Comparison For Two Months Ending October 31, 2020								
	October		YTD			Annual Budget	Remaining Budget	% of Actual To Budget
	Actual	Budget	Actual	Budget	Variance			
Groundwater Pumpage \$2.73 per 1,000 gallons								
Surface Water Rate \$3.15 per 1,000 gallons								
<b>OPERATING REVENUES*</b>	\$ 5,436,590	\$ 4,654,917	\$ 10,946,841	\$ 9,721,860	\$ 1,224,981	\$ 54,695,838	\$ 43,748,997	20%
<b>OTHER REVENUES**</b>	\$ 116,646	\$ 2,700	\$ 223,967	\$ 5,400	\$ 218,567	\$ 32,400	\$ (191,567)	691%
<b>OPERATING EXPENSES</b>								
Salaries, Wages, & Employee Benefits	\$ 531,910	\$ 539,704	\$ 825,785	\$ 900,044	\$ 74,259	\$ 4,682,808	\$ 3,857,022	18%
Professional Fees	130,347	147,750	145,721	171,999	26,279	2,244,000	2,098,279	6%
Purchased & Contracted Services	(28,713)	17,688	(4,530)	38,495	43,025	1,448,540	1,453,070	0%
Supplies, Materials & Utilities	576,878	465,227	1,079,056	967,208	(111,848)	10,814,271	9,735,215	10%
Rentals	-	125	-	250	250	1,500	1,500	0%
Maintenance, Repairs & Parts	114,110	114,317	253,311	286,626	33,315	1,429,800	1,176,489	18%
General & Administrative Expenses	32,956	45,664	73,243	89,171	15,928	526,394	453,151	14%
<b>TOTAL OPERATING EXPENSES</b>	\$ 1,357,486	\$ 1,330,474	\$ 2,372,585	\$ 2,453,793	\$ 81,207	\$ 21,147,313	\$ 18,774,728	11%
<b>NON-OPERATING EXPENSES</b>	\$ 1,643,193	\$ 1,643,193	\$ 3,321,700	\$ 3,321,700	\$ 0	\$ 19,753,631	\$ 16,431,932	17%
<b>TOTAL EXPENSES</b>	\$ 3,000,680	\$ 2,973,668	\$ 5,694,285	\$ 5,775,492	\$ 81,207	\$ 40,900,944	\$ 35,206,659	14%
<b>NET REVENUES OVER EXPENSES</b>	\$ 2,552,557	\$ 1,683,949	\$ 5,476,523	\$ 3,951,768	\$ 1,524,755	\$ 13,827,294	\$ 8,350,771	40%
<b>CAPITAL IMPROVEMENTS</b>	\$ 5,072	\$ 10,923	\$ 5,072	\$ 21,846	\$ 16,774	\$ 236,077	\$ 231,005	2%
<b>OTHER SOURCES (USES)*</b>								
Repair and Replacement Transfers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Bond Principal	(1,239,593)	(1,239,593)	(2,442,093)	(2,442,093)	-	(14,800,833)	(12,358,740)	16%
Debt Service Reserve Funds	-	-	-	-	-	3,032,794	3,032,794	0%
Accounts Receivable-Uncollected	(710,896)	-	(1,048,143)	-	(1,048,143)	(1,823,177)	(775,034)	57%
<b>TOTAL OTHER SOURCES (USES)</b>	\$ (1,950,489)	\$ (1,239,593)	\$ (3,490,236)	\$ (2,442,093)	\$ (1,048,143)	\$ (13,591,216)	\$ (10,100,980)	26%
<b>NET CASH BASIS SOURCES (USES)</b>	\$ 596,996	\$ 433,433	\$ 1,981,215	\$ 1,487,828	\$ 493,387	\$ 0	\$ (1,981,215)	

\*Revenues include actual billings including short-pays and failure to pays.

\*\*Includes interest and penalty on Past Due Accounts Receivable. Majority of the balance remains uncollected.



## **5.0 PROJECTS AND FUNDING**

### **5.1 GRP PROJECTS**

- None at this time.

## **GRP ACRONYMS AND DEFINITIONS**

### **ACRONYMS**

AWS	Alternative Water Source
AWWA	American Water Works Association
FY	Fiscal Year
FYTD	Fiscal Year To Date
GRP	Groundwater Reduction Plan
GPY	Gallons Per Year
KPI	Key Performance Indicator
LSGCD	Lone Star Groundwater Conservation District
ORS	Online Reporting System
SJRA	San Jacinto River Authority
TCEQ	Texas Commission on Environmental Quality
TWDB	Texas Water Development Board

### **DEFINITIONS**

Groundwater Reduction Plan (GRP)	The document developed and filed with the LSGCD indicating SJRA's plan to reduce groundwater pumpage. The GRP is administered by the SJRA, including any supplements, revisions, or amendments.
Groundwater User	An entity that produces groundwater.
GRP Administrator	The SJRA General Manager's designee who administers the SJRA Groundwater Reduction Plan and GRP Contract with GRP Participants.
GRP Contract	Contract between the SJRA and a Participant to be included in the SJRA's efforts to conserve groundwater.
Joint GRP	GRP which is prepared to include (takes into account) groundwater users who have executed a GRP Contract with the SJRA to join the SJRA's GRP.
Participant(s)	Regulated User(s) that enters into and remains subject to a written agreement with the SJRA to be included in the SJRA's GRP and includes the legal successors or assigns of Participant(s).
Regulated User(s)	Any public or private entity or person that is or becomes subject to the District Regulatory Plan established by the LSGCD and includes any amendments, revisions or supplements thereto as may be adopted by the LSGCD.
SJRA GRP Division	Division of the SJRA responsible for GRP compliance, and the management, administration, operation and maintenance of the surface water facilities and surface water transmission system.

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