



Board Meeting

● ● ● | MONDAY, NOVEMBER 4, 2024



Quorum



Public Comment Period



Open Meeting

Consideration and Possible Action on Approval of the October 7, 2024 Board Meeting Minutes

J. HOLLMANN



General Manager's Report

- a. Operational, Chemical Optimization, and Financial Report – J. Garza and J. Santillan
- b. Quarterly Investment Report - J. Santillan
- c. Update on Regional Groundwater Planning - J. Adams
- d. Drought Update – R. Mariscal



Quarterly Investment Report

FOR THE QUARTER ENDED SEPTEMBER 30, 2024

• • • SRWA BOARD MEETING





Southmost Regional Water Authority
QUARTERLY INVESTMENT REPORT
 Investment Officers Certification
 September 30, 2024

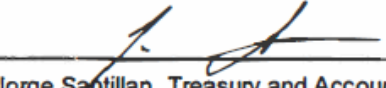
This report is prepared for the Southmost Regional Water Authority ("SRWA") in accordance with Chapter 2256 of the Public Funds Investment Act ("PFIA"). Section 2256.023(a) of the PFIA states that "Not less than quarterly, the investment officer shall prepare and submit to the governing body of the entity a written report of the investment transactions for all funds covered by this chapter for the preceding reporting period." This report, which covers the quarter ended September 30, 2024, is signed by the Investment Officers and includes the disclosures required in the PFIA.

The investment portfolio complied with the PFIA and the SRWA's approved Investment Policy and Strategy throughout the quarter. All investment transactions made in the SRWA's portfolio during this quarter were made on behalf of the SRWA and were in full compliance with the PFIA and the SRWA's approved Investment Policy.

Asset Class (A)	Face Amount/Shares (B)	Market Value (C)	Book Value (D)	% of Portfolio (E)	Yield to Maturity (F)	Day to Maturity (G)
Bank Deposits Wells Fargo	594,516.51	594,516.51	594,516.51	4.84	4.62	1
Certificate of Deposits	3,090,000.00	3,090,000.00	3,090,000.00	25.18	5.42	177
Investment Pools	7,559,754.11	7,559,754.11	7,559,754.11	61.58	5.06	42
Money Market MF	1,031,676.27	1,031,676.27	1,031,676.27	8.40	4.83	1
Total / Average	12,275,946.89	12,275,946.89	12,275,946.89	100.00	5.11	71


 Miguel A. Perez, Chief Financial Officer
 10/21/24
 Date


 Pedro Elizondo, Controller
 10-18-24
 Date


 Jorge Santillan, Treasury and Accounting Manager
 10/18/24
 Date


 Tricia Ayers, Controller
 10/21/24
 Date

**Southmost Regional Water Authority
Detail Distribution by Asset Class**

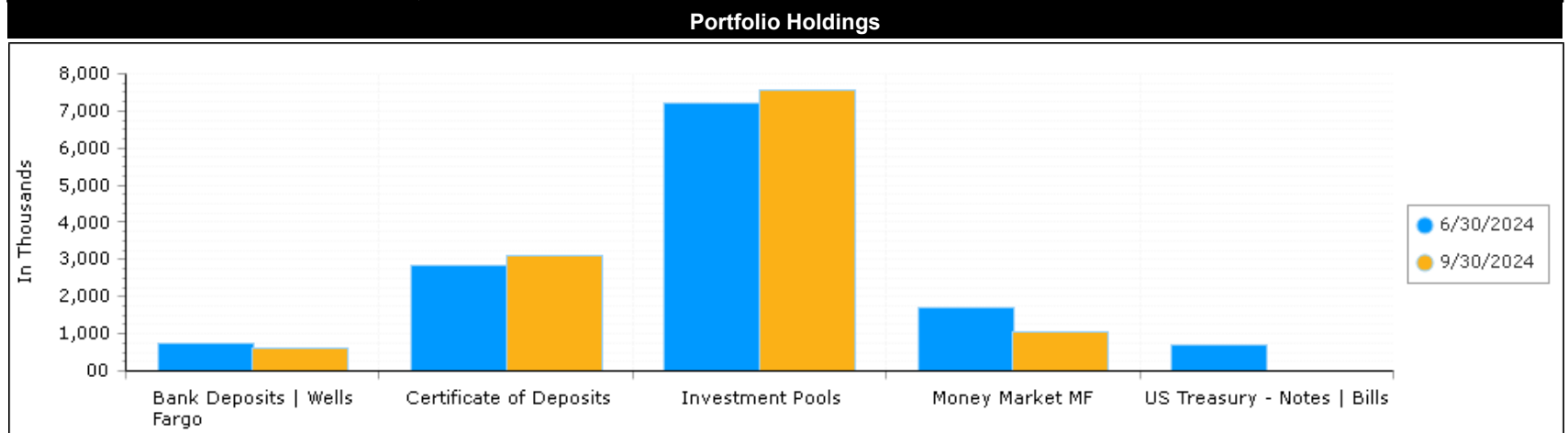
	Description (A)	Settlement Date (B)	Maturity Date (C)	Days To Maturity (D)	% of Portfolio (E)	Face Amount/Shares (F)	Book Value (G)	Market Value (H)	Yield to Maturity (I)
Bank Deposits Wells Fargo									
1	Wells Fargo Insured			1	4.76	584,516.51	584,516.51	584,516.51	4.67
2	Wells Fargo Collateralized			1	0.08	10,000.00	10,000.00	10,000.00	1.65
3	Sub Total / Average Bank Deposits Wells Fargo			1	4.84	594,516.51	594,516.51	594,516.51	4.62
Certificate of Deposits									
4	Financial Federal Savings Bank, Memphis, TN	1/30/2024	10/28/2024	28	1.96	240,000.00	240,000.00	240,000.00	5.35
5	Cornerstone Bank, York, NE	12/19/2023	12/18/2024	79	1.92	236,000.00	236,000.00	236,000.00	5.60
6	Global Bank, New York, NY	12/19/2023	12/18/2024	79	1.92	236,000.00	236,000.00	236,000.00	5.55
7	Tioga-Franklin Savings Bank, Philadelphia, PA	5/14/2024	2/10/2025	133	1.96	240,000.00	240,000.00	240,000.00	5.50
8	Austin Capital Bank, Austin, TX	6/20/2024	3/17/2025	168	1.96	240,000.00	240,000.00	240,000.00	5.60
9	Fieldpoint Private Bank & Trust, Greenwich, CT	6/20/2024	3/17/2025	168	1.96	240,000.00	240,000.00	240,000.00	5.50
10	Farmers & Merchants Union Bank, Columbus, WI	3/22/2024	3/21/2025	172	1.93	237,000.00	237,000.00	237,000.00	5.25
11	First Internet Bank of Indiana, Indianapolis, IN	3/22/2024	3/21/2025	172	1.93	237,000.00	237,000.00	237,000.00	5.31
12	First State Bank & Trust Company, Caruthersvillir, MO	3/22/2024	3/21/2025	172	1.93	237,000.00	237,000.00	237,000.00	5.35
13	The First National Bank of Hutchinson, KS	4/26/2024	4/25/2025	207	1.93	237,000.00	237,000.00	237,000.00	5.37
14	T Bank, Tollway, TX	7/16/2024	7/16/2025	289	1.93	237,000.00	237,000.00	237,000.00	5.43
15	Solera National Bank, Lakewood, CO	7/23/2024	7/23/2025	296	1.92	236,000.00	236,000.00	236,000.00	5.60
16	Maplemark Bank Dallas, TX	9/3/2024	9/3/2025	338	1.93	237,000.00	237,000.00	237,000.00	5.05
17	Sub Total / Average Certificate of Deposits			177	25.18	3,090,000.00	3,090,000.00	3,090,000.00	5.42
Investment Pools									
18	Texas DAILY			1	28.20	3,461,235.06	3,461,235.06	3,461,235.06	4.98
19	TexPool			1	14.65	1,798,519.05	1,798,519.05	1,798,519.05	4.98
20	Texas TERM 4.78 5/9/2025	8/13/2024	5/9/2025	221	2.04	250,000.00	250,000.00	250,000.00	4.78
21	Texas TERM 4.78 5/9/2025	8/13/2024	5/9/2025	221	2.04	250,000.00	250,000.00	250,000.00	4.78
22	Texas TERM 5.29 4/7/2025	7/11/2024	4/7/2025	189	4.07	500,000.00	500,000.00	500,000.00	5.29
23	Texas TERM 5.32 12/10/2024	4/3/2024	12/10/2024	71	2.44	300,000.00	300,000.00	300,000.00	5.32
24	Texas TERM 5.35 2/3/2025	5/8/2024	2/3/2025	126	4.07	500,000.00	500,000.00	500,000.00	5.35
25	Texas TERM 5.51 11/18/2024	4/18/2024	11/18/2024	49	4.07	500,000.00	500,000.00	500,000.00	5.51
26	Sub Total / Average Investment Pools			42	61.58	7,559,754.11	7,559,754.11	7,559,754.11	5.06
Money Market MF									
27	US Bank			1	8.40	1,031,676.27	1,031,676.27	1,031,676.27	4.83
US Treasury - Notes Bills									
28	Total / Average			71	100	12,275,946.89	12,275,946.89	12,275,946.89	5.11



Southmost Regional Water Authority Distribution by Asset Class - Market Value

Begin Date: 6/30/2024, End Date: 9/30/2024

Asset Class Allocation				
Asset Class	Market Value 6/30/2024	% of Portfolio 6/30/2024	Market Value 9/30/2024	% of Portfolio 9/30/2024
Bank Deposits Wells Fargo	730,276.54	5.53	594,516.51	4.84
Certificate of Deposits	2,862,000.00	21.67	3,090,000.00	25.18
Investment Pools	7,212,687.15	54.62	7,559,754.11	61.58
Money Market MF	1,705,258.38	12.91	1,031,676.27	8.40
US Treasury - Notes Bills	695,114.00	5.26	0.00	0.00
Total / Average	13,205,336.07	100.00	12,275,946.89	100.00



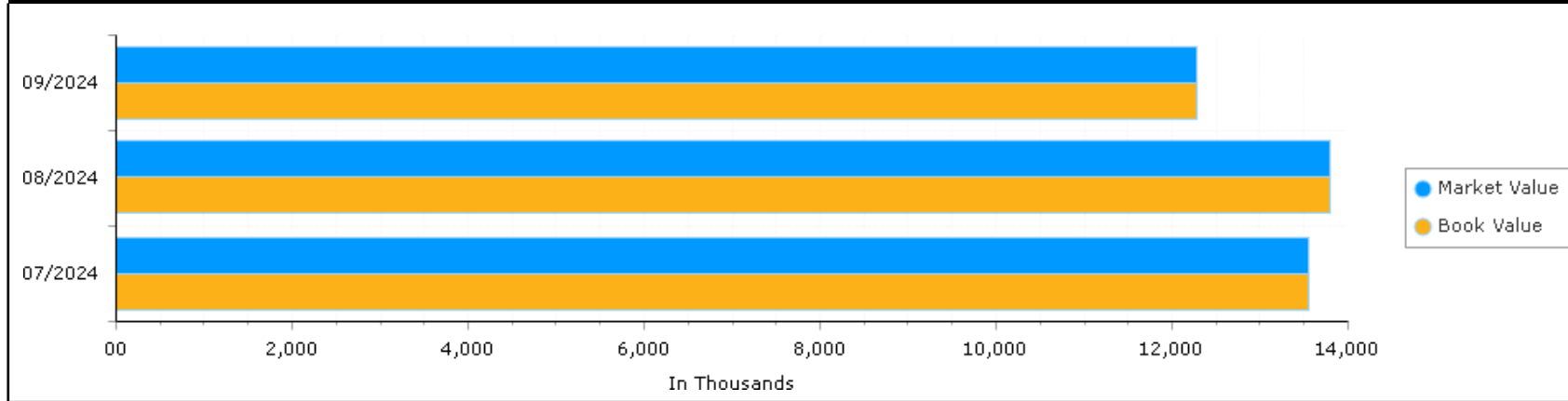


Southmost Regional Water Authority Portfolio Summary by Month

Begin Date: 7/31/2024, End Date: 9/30/2024

Month	Market Value	Book Value	Investment Income	Yield to Maturity	3 Month Treasury	Days To Maturity
7/31/2024	13,545,104.18	13,545,367.87	54,599.92	5.33	5.20	74
8/31/2024	13,798,992.72	13,798,992.72	60,527.46	5.28	5.05	69
9/30/2024	12,275,946.89	12,275,946.89	59,969.42	5.11	4.72	71
Total / Average	13,206,681.26	13,206,769.16	175,096.80	5.25	4.99	71

Market Value / Book Value Comparison

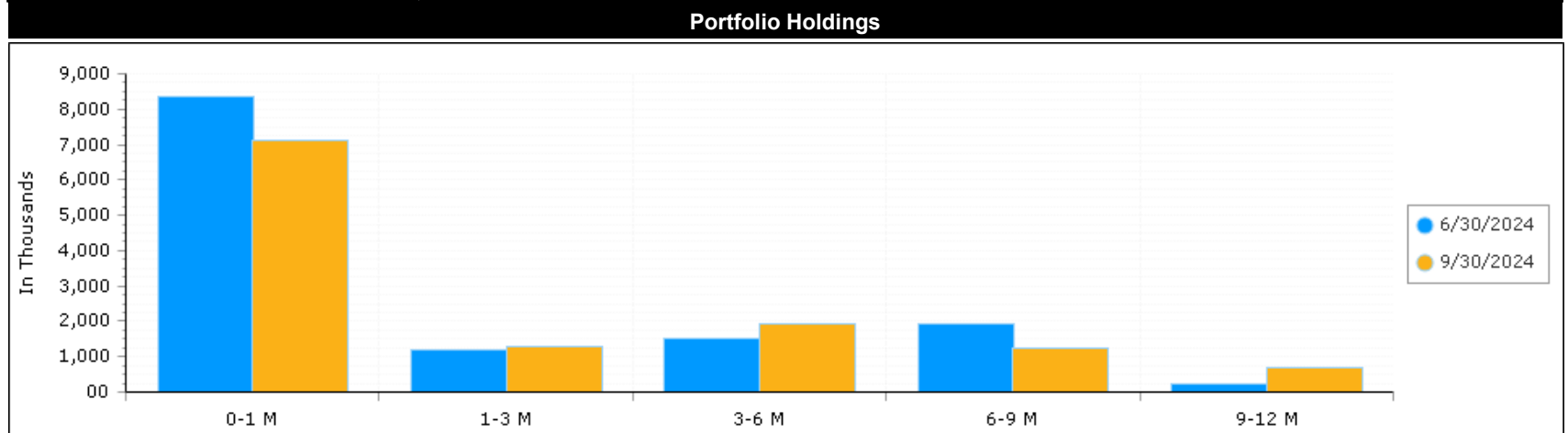




Southmost Regional Water Authority Distribution by Maturity Range - Market Value

Begin Date: 6/30/2024, End Date: 9/30/2024

Maturity Range Allocation				
Maturity Range	Market Value 6/30/2024	% of Portfolio 6/30/2024	Market Value 9/30/2024	% of Portfolio 9/30/2024
0-1 Month	8,341,222.07	63.17	7,125,946.89	58.05
1-3 Months	1,184,114.00	8.97	1,272,000.00	10.36
3-6 Months	1,512,000.00	11.45	1,931,000.00	15.73
6-9 Months	1,931,000.00	14.62	1,237,000.00	10.08
9-12 Months	237,000.00	1.79	710,000.00	5.78
Total / Average	13,205,336.07	100.00	12,275,946.89	100.00

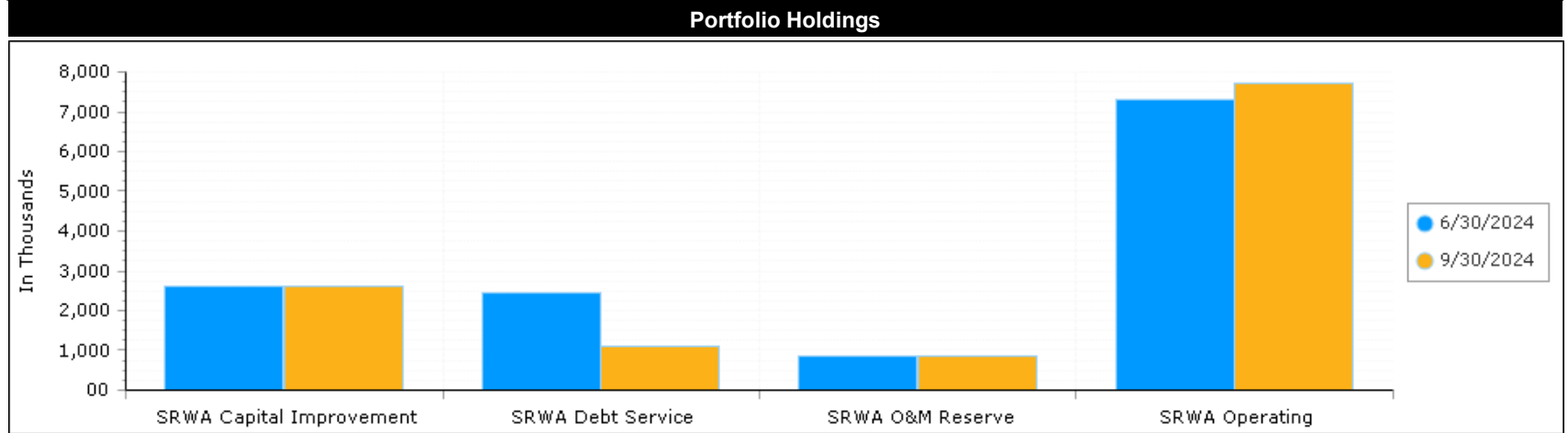




Southmost Regional Water Authority Distribution by Fund Group- Market Value

Begin Date: 6/30/2024, End Date: 9/30/2024

Manager Allocation				
Fund Group	Market Value 6/30/2024	% of Portfolio 6/30/2024	Market Value 9/30/2024	% of Portfolio 9/30/2024
SRWA Capital Improvement	2,601,583.87	19.70	2,613,191.19	21.29
SRWA Debt Service	2,446,552.12	18.53	1,086,845.42	8.85
SRWA O&M Reserve	841,229.19	6.37	842,640.69	6.86
SRWA Operating	7,315,970.89	55.40	7,733,269.59	63.00
Total / Average	13,205,336.07	100.00	12,275,946.89	100.00





Purchases | Sold & Matured
Southmost Regional Water Authority

Begin Date: 06/30/2024, End Date: 09/30/2024

Trade Date	Settlement	Face Amount / Amount	Description Price	Principal Portfolio	Shares
PURCHASES					
July 2024					
7/10/2024	7/11/2024	500,000.00	Texas TERM 5.29 4/7/2025	500,000.00	100.00 SRWA Capital Improvement
7/16/2024	7/16/2024	237,000.00	T Bank, Tollway, TX 5.43 7/16/2025	237,000.00	100.00 SRWA O&M Reserve
7/23/2024	7/23/2024	236,000.00	Solera National Bank, Lakewood, CO 5.6 7/23/2025	236,000.00	100.00 SRWA Capital Improvement
August 2024					
8/12/2024	8/13/2024	250,000.00	Texas TERM 4.78 5/9/2025	250,000.00	100.00 SRWA Operating
8/12/2024	8/13/2024	250,000.00	Texas TERM 4.78 5/9/2025	250,000.00	100.00 SRWA Capital Improvement
September 2024					
9/3/2024	9/3/2024 SRWA Operating	237,000.00	Maplemark Bank Dallas, TX 5.05 9/3/2025	237,000.00	100.00
TOTAL		1,710,000.00			
SOLD MATURED					
July 2024					
7/15/2024	7/15/2024	243,000.00	Crossfirst Bank, Leawood, KS 5.4 7/15/2024	243,000.00	SRWA Capital Improvement
7/26/2024	7/26/2024	250,000.00	Texas TERM 5.24 7/26/2024	250,000.00	SRWA Capital Improvement
August 2024					
8/31/2024	8/31/2024 SRWA Debt Service Reserve	700,000.00	T-Note 1.25 8/31/2024	700,000.00	
September 2024					
9/3/2024	9/3/2024	239,000.00	Gbank, Las Vegas, NV 5.7 9/3/2024	239,000.00	SRWA Capital Improvement
9/16/2024	9/16/2024	250,000.00	Texas TERM 5.14 9/16/2024	250,000.00	SRWA Capital Improvement
TOTAL		1,682,000.00			



Southmost Regional Water Authority Portfolio Holdings by Portfolio Name

Date: 9/30/2024

Description	Face Amount / Shares	Settlement Date	Cost Value	Market Price	Market Value	% Portfolio	Credit Rating	Days To Call/Maturity
CUSIP		YTM @ Cost	Book Value	YTM @ Market	Accrued Interest	Unre. Gain/Loss	Credit Rating	Duration To Maturity
SRWA Capital Improvement								
Solera National Bank, Lakewood, CO 5.6 7/23/2025		7/23/2024	236,000.00	100.00	236,000.00	1.92%	FDIC Insured	296
CDS3103-072325	236,000.00	5.60	236,000.00	5.60	2,498.37	0.00	FDIC Insured	0.81
Texas DAILY Capital Improvement LGIP		9/30/2022	1,548,824.19	100.00	1,548,824.19	12.62%	NR	1
TD-SRWA-3103	1,548,824.19	4.98	1,548,824.19	4.98		0.00	Fitch-AAAmf	0
Texas TERM 4.785/9/2025		8/13/2024	250,000.00	100.00	250,000.00	2.04%	NR	221
TTS3103-050925	250,000.00	4.78	250,000.00	4.78	1,571.51	0.00	NR	0.61
Texas TERM 5.294/7/2025		7/11/2024	500,000.00	100.00	500,000.00	4.07%	NR	189
TTS3103-040725	500,000.00	5.29	500,000.00	5.29	5,869.73	0.00	NR	0.52
Wells Fargo IN Capital Improvement MM		9/30/2022	78,367.00	100.00	78,367.00	0.64%	NR	1
WF-SRWA-IN24D	78,367.00	4.67	78,367.00	4.67		0.00	NR	0
			2,613,191.19		2,613,191.19	21.29%		85
Sub Total SRWA Capital Improvement	2,613,191.19	5.07	2,613,191.19	5.07	9,939.61	0.00		0.23
SRWA Debt Service								
Texas DAILY Debt Service LGIP		9/30/2022	55,169.15	100.00	55,169.15	0.45%	NR	1
TD-SRWA-3101	55,169.15	4.98	55,169.15	4.98		0.00	Fitch-AAAmf	0
			55,169.15		55,169.15	0.45%		1
Sub Total SRWA Debt Service	55,169.15	4.98	55,169.15	4.98		0.00		0
SRWA Debt Service 2009								
US Bank Debt Service 2009 MM		9/30/2022	31,526.97	100.00	31,526.97	0.26%	NR	1
USB-SRWA-63000	31,526.97	4.83	31,526.97	4.83		0.00	NR	0
			31,526.97		31,526.97	0.26%		1
Sub Total SRWA Debt Service 2009	31,526.97	4.83	31,526.97	4.83		0.00		0
SRWA Debt Service 2012								
US Bank Debt Service 2012 MM		9/30/2022	69,337.54	100.00	69,337.54	0.56%	NR	1
USB-SRWA-04000	69,337.54	4.83	69,337.54	4.83		0.00	NR	0

- YTM @ Cost | Yield to Maturity at Cost Value
- Days to Maturity | Weighted Average Maturity
- All securities are held to maturity, unrealized gains or losses are not applicable



Southmost Regional Water Authority Portfolio Holdings by Portfolio Name

Date: 9/30/2024

Description CUSIP	Face Amount / Shares	Settlement Date YTM @ Cost	Cost Value Book Value	Market Price YTM @ Market	Market Value Accrued Interest	% Portfolio Unre. Gain/Loss	Credit Rating Credit Rating	Days To Call/Maturity Duration To Maturity
Sub Total SRWA Debt Service 2012	69,337.54	4.83	69,337.54	4.83	69,337.54	0.56%		1
SRWA Debt Service 2017								
US Bank Debt Service 2017MM		9/30/2022	198,773.29	100.00	198,773.29	1.62%	NR	1
USB-SRWA-23000	198,773.29	4.83	198,773.29	4.83		0.00	NR	0
Sub Total SRWA Debt Service 2017	198,773.29	4.83	198,773.29	4.83	198,773.29	1.62%		1
SRWA Debt Service Reserve								
US Bank Debt Service ReserveMM		9/30/2022	732,038.47	100.00	732,038.47	5.96%	NR	1
USB-SRWA-63001	732,038.47	4.83	732,038.47	4.83		0.00	NR	0
Sub Total SRWA Debt Service Reserve	732,038.47	4.83	732,038.47	4.83	732,038.47	5.96%		1
SRWA O&M Reserve								
T Bank, Tollway, TX 5.437/16/2025		7/16/2024	237,000.00	100.00	237,000.00	1.93%	FDIC Insured	289
CDS3102-071625	237,000.00	5.43	237,000.00	5.43	2,679.59	0.00	FDIC Insured	0.79
Texas DAILY O&M ReserveLGIP		9/30/2022	68,640.69	100.00	68,640.69	0.56%	NR	1
TD-SRWA-3102	68,640.69	4.98	68,640.69	4.98		0.00	Fitch-AAAmf	0
Texas TERM 5.3212/10/2024		4/3/2024	300,000.00	100.00	300,000.00	2.44%	NR	71
TTS3102-121024	300,000.00	5.32	300,000.00	5.32	7,870.68	0.00	NR	0.19
The First National Bank of Hutchinson, KS 5.37 4/2		4/26/2024	237,000.00	100.00	237,000.00	1.93%	FDIC Insured	207
CDS3102-042525	237,000.00	5.37	237,000.00	5.37	5,474.31	0.00	FDIC Insured	0.57
Sub Total SRWA O&M Reserve	842,640.69	5.34	842,640.69	5.34	16,024.58	6.86%		165
SRWA Operating								
Austin Capital Bank, Austin, TX 5.6 3/17/2025		6/20/2024	240,000.00	100.00	240,000.00	1.96%	FDIC Insured	168
CDS3100-031725A	240,000.00	5.60	240,000.00	5.60	3,755.84	0.00	FDIC Insured	0.46

- YTM @ Cost | Yield to Maturity at Cost Value
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Southmost Regional Water Authority Portfolio Holdings by Portfolio Name

Date: 9/30/2024

Description	Face Amount / Shares	Settlement Date	Cost Value	Market Price	Market Value	% Portfolio	Credit Rating	Days To Call/Maturity
CUSIP		YTM @ Cost	Book Value	YTM @ Market	Accrued Interest	Unre. Gain/Loss	Credit Rating	Duration To Maturity
Cornerstone Bank, York, NE 5.6 12/18/2024		12/19/2023	236,000.00	100.00	236,000.00	1.92%	FDIC Insured	79
CDS3100-121824B	236,000.00	5.60	236,000.00	5.60	10,355.55	0.00	FDIC Insured	0.22
Farmers & Merchants Union Bank, Columbus, WI 5		3/22/2024	237,000.00	100.00	237,000.00	1.93%	FDIC Insured	172
CDS3100-032125C	237,000.00	5.25	237,000.00	5.25	6,545.10	0.00	FDIC Insured	0.47
Fieldpoint Private Bank & Trust, Greenwich, CT		6/20/2024	240,000.00	100.00	240,000.00	1.96%	FDIC Insured	168
CDS3100-031725B	240,000.00	5.50	240,000.00	5.50	3,688.77	0.00	FDIC Insured	0.46
Financial Federal Savings Bank, Memphis, TN 5.35 1		1/30/2024	240,000.00	100.00	240,000.00	1.96%	FDIC Insured	28
CDS3100-102824	240,000.00	5.35	240,000.00	5.35	8,583.45	0.00	FDIC Insured	0.08
First Internet Bank of Indiana, Indianapolis, IN 5		3/22/2024	237,000.00	100.00	237,000.00	1.93%	FDIC Insured	172
CDS3100-032125B	237,000.00	5.31	237,000.00	5.31	6,619.90	0.00	FDIC Insured	0.47
First State Bank & Trust Company, Caruthersvil		3/22/2024	237,000.00	100.00	237,000.00	1.93%	FDIC Insured	172
CDS3100-032125A	237,000.00	5.35	237,000.00	5.35	6,669.76	0.00	FDIC Insured	0.47
Global Bank, New York, NY 5.55 12/18/2024		12/19/2023	236,000.00	100.00	236,000.00	1.92%	FDIC Insured	79
CDS3100-121824A	236,000.00	5.55	236,000.00	5.55	10,263.09	0.00	FDIC Insured	0.22
Maplemark Bank Dallas, TX 5.05 9/3/2025		9/3/2024	237,000.00	100.00	237,000.00	1.93%	FDIC Insured	338
CDS3100-090325	237,000.00	5.05	237,000.00	5.05	885.34	0.00	FDIC Insured	0.93
Texas DAILY Operating LGIP		9/30/2022	1,788,601.03	100.00	1,788,601.03	14.57%	NR	1
TD-SRWA-3100	1,788,601.03	4.98	1,788,601.03	4.98		0.00	Fitch-AAAmf	0
Texas TERM 4.785/9/2025		8/13/2024	250,000.00	100.00	250,000.00	2.04%	NR	221
TTS3100-050925	250,000.00	4.78	250,000.00	4.78	1,571.51	0.00	NR	0.61
Texas TERM 5.352/3/2025		5/8/2024	500,000.00	100.00	500,000.00	4.07%	NR	126
TTS3100-020325	500,000.00	5.35	500,000.00	5.35	10,626.71	0.00	NR	0.35
Texas TERM 5.51 11/18/2024		4/18/2024	500,000.00	100.00	500,000.00	4.07%	NR	49
TTS3100-111824	500,000.00	5.51	500,000.00	5.51	12,454.11	0.00	NR	0.13

- YTM @ Cost | Yield to Maturity at Cost Value
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Southmost Regional Water Authority Portfolio Holdings by Portfolio Name

Date: 9/30/2024

Description	Face Amount / Shares	Settlement Date	Cost Value	Market Price	Market Value	% Portfolio	Credit Rating	Days To Call/Maturity
CUSIP		YTM @ Cost	Book Value	YTM @ Market	Accrued Interest	Unre. Gain/Loss	Credit Rating	Duration To Maturity
TexPool Operating LGIP		9/30/2022	1,798,519.05	100.00	1,798,519.05	14.65%	NR	1
TP-SRWA-0002	1,798,519.05	4.98	1,798,519.05	4.98		0.00	S&P-AAAm	0
Tioga-Franklin Savings Bank, Philadelphia, PA 5.5		5/14/2024	240,000.00	100.00	240,000.00	1.96%	FDIC Insured	133
CDS-3100-021025	240,000.00	5.50	240,000.00	5.50	5,026.85	0.00	FDIC Insured	0.36
Wells Fargo IN Operating MM		9/30/2022	506,149.51	100.00	506,149.51	4.12%	NR	1
WF-SRWA-IN17D	506,149.51	4.67	506,149.51	4.67		0.00	NR	0
Wells Fargo PC Operating Cash		9/30/2022	10,000.00	100.00	10,000.00	0.08%	NR	1
WF-SRWA-PC2448	10,000.00	1.65	10,000.00	1.65		0.00	NR	0
Sub Total SRWA Operating	7,733,269.59	5.14	7,733,269.59	5.14	87,045.98	63%		0.18
TOTAL PORTFOLIO	12,275,946.89	5.11	12,275,946.89	5.11	113,010.17	100.00%		0.19

- YTM @ Cost | Yield to Maturity at Cost Value
 - Days to Maturity | Weighted Average Maturity
 - All securities are held to maturity, unrealized gains or losses are not applicable



Southmost Regional Water Authority Projected Cash Flow by Month

Begin Date: 10-2024, End Date: 12-2024

Date	CUSIP	FaceAmount/Shares	Description	PrincipalAmount	Interest/Dividends	Total
10/28/2024	CDS3100-102824	240,000.00	Financial Federal Savings Bank, Memphis, TN 5.35 1	240,000.00	9,568.44	249,568.44
October2024				240,000.00	9,568.44	249,568.44
11/18/2024	TTS3100-111824	500,000.00	Texas TERM 5.51 11/18/2024	500,000.00	16,108.47	516,108.47
November2024				500,000.00	16,108.47	516,108.47
12/10/2024	TTS3102-121024	300,000.00	Texas TERM 5.32 12/10/2024	300,000.00	10,945.25	310,945.25
12/18/2024	CDS3100-121824A	236,000.00	Global Bank, New York, NY 5.55 12/18/2024	236,000.00	13,098.00	249,098.00
12/18/2024	CDS3100-121824B	236,000.00	Cornerstone Bank, York, NE 5.6 12/18/2024	236,000.00	13,216.00	249,216.00
December2024				772,000.00	37,259.25	809,259.25
TOTAL				1,512,000.00	62,936.16	1,574,936.16



Update on Regional Groundwater Planning

NOVEMBER 4, 2024

● ● ● SRWA BOARD MEETING

Agenda

- Region M Regional Water Plan
- Groundwater Availability
- Planning Areas
- Groundwater Availability Projections
- Status of Planning Process
- SRWA Groundwater Availability Model
- Unknowns
- Groundwater Conservation Districts



Region M Regional Water Plan



- Evaluate all potentially feasible water management strategies (WMS). Examples: reservoirs, new BGD facilities, expansions, wastewater reuse, advanced conservation, etc.
- Recommend selected strategies to meet current and future needs in the region.
- Groundwater projects need adequate available groundwater to be recommended in the RWP.

How is Groundwater Availability Determined by Region M?

- 1) Texas Water Development Board (TWDB) develops a groundwater availability model of sections of the Gulf Coast Aquifer.
- 2) Groundwater Management Areas work with the model to establish estimates of current and future pumping, recharge, and other aquifer characteristics.
- 3) A joint groundwater planning process involves various stakeholders to determine how much water can be withdrawn annually and still meet desired future conditions (DFC).
- 4) Modeled available groundwater (MAG) values become the groundwater availabilities for the regional water planning process.

Planning Areas

REGION M REGIONAL WATER PLAN

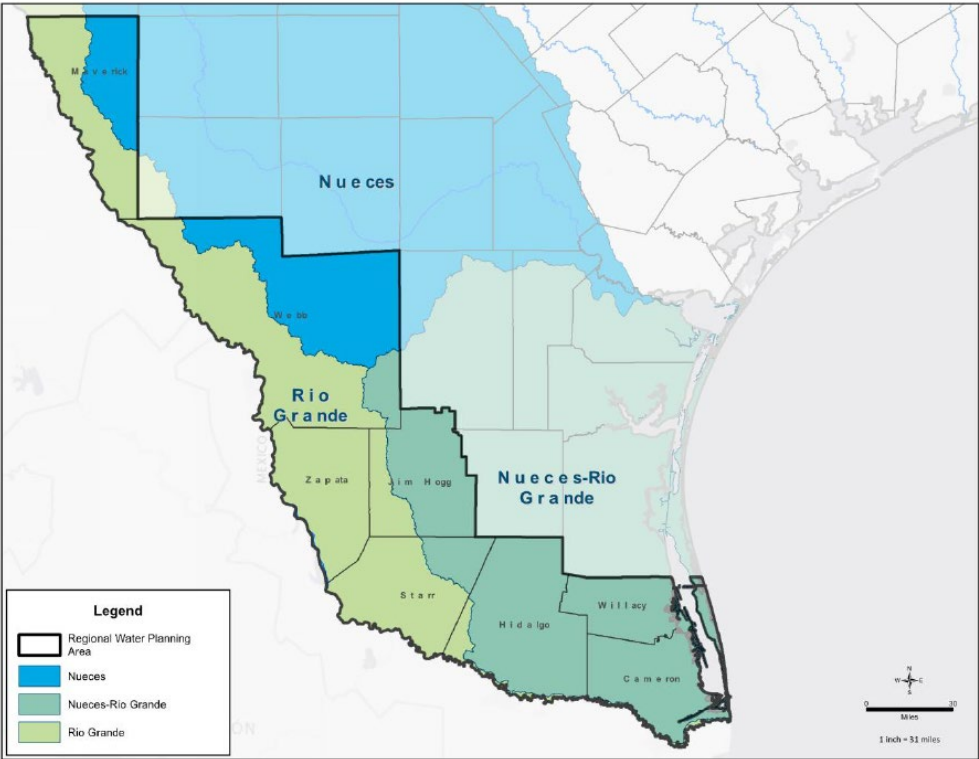
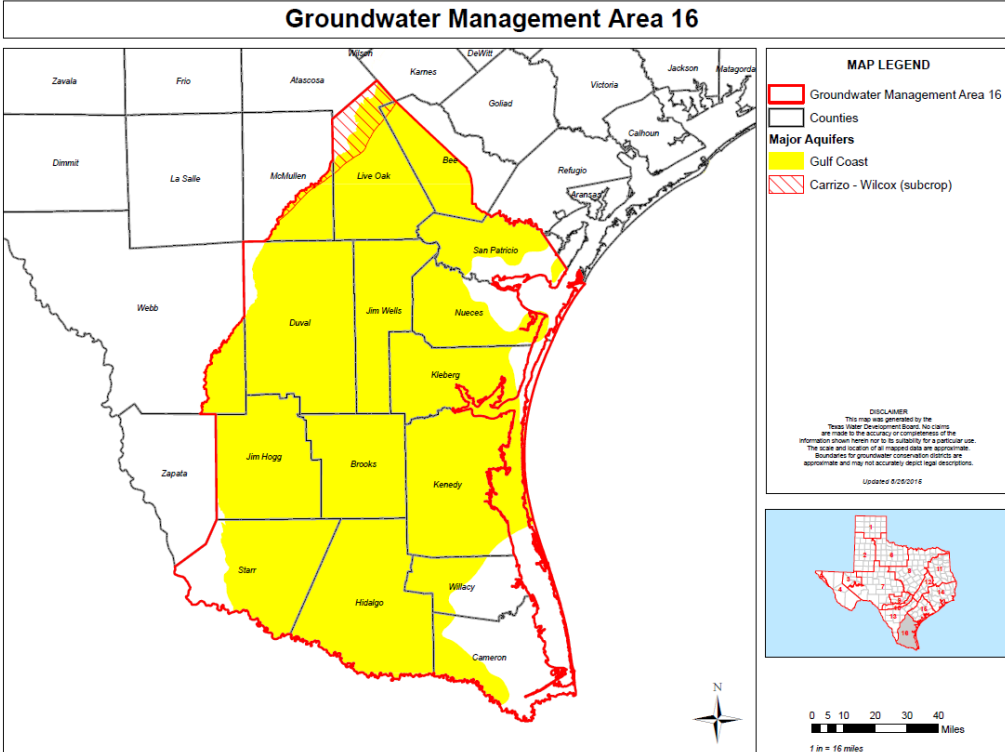


Figure 1-7 River Basins in Region M

GROUNDWATER MANAGEMENT AREA (GMA) 16



2021 RWP Groundwater Availability Projections

Table 3-7 Gulf Coast Aquifer MAG and Non-MAG Availability Projections by County and River Basin (acft/yr)

SOURCE COUNTY	SOURCE BASIN	2020	2030	2040	2050	2060	2070
Cameron	Nueces-Rio Grande	6,301	7,536	8,771	10,005	11,241	11,241
Cameron	Rio Grande	387	463	540	615	691	691
Cameron (Non-MAG)	Nueces-Rio Grande	38,969	42,395	45,821	49,247	52,673	52,673
Cameron (Non-MAG)	Rio Grande	646	772	899	1,026	1,151	1,151

2021 RWP Groundwater Availability Projections

Table 3-7 Gulf Coast Aquifer MAG and Non-MAG Availability Projections by County and River Basin (acft/yr)

SOURCE COUNTY	SOURCE BASIN	2020	2030	2040	2050	2060	2070
Cameron (Non-MAG)	Nueces-Rio Grande	38,969	42,395	45,821	49,247	52,673	52,673

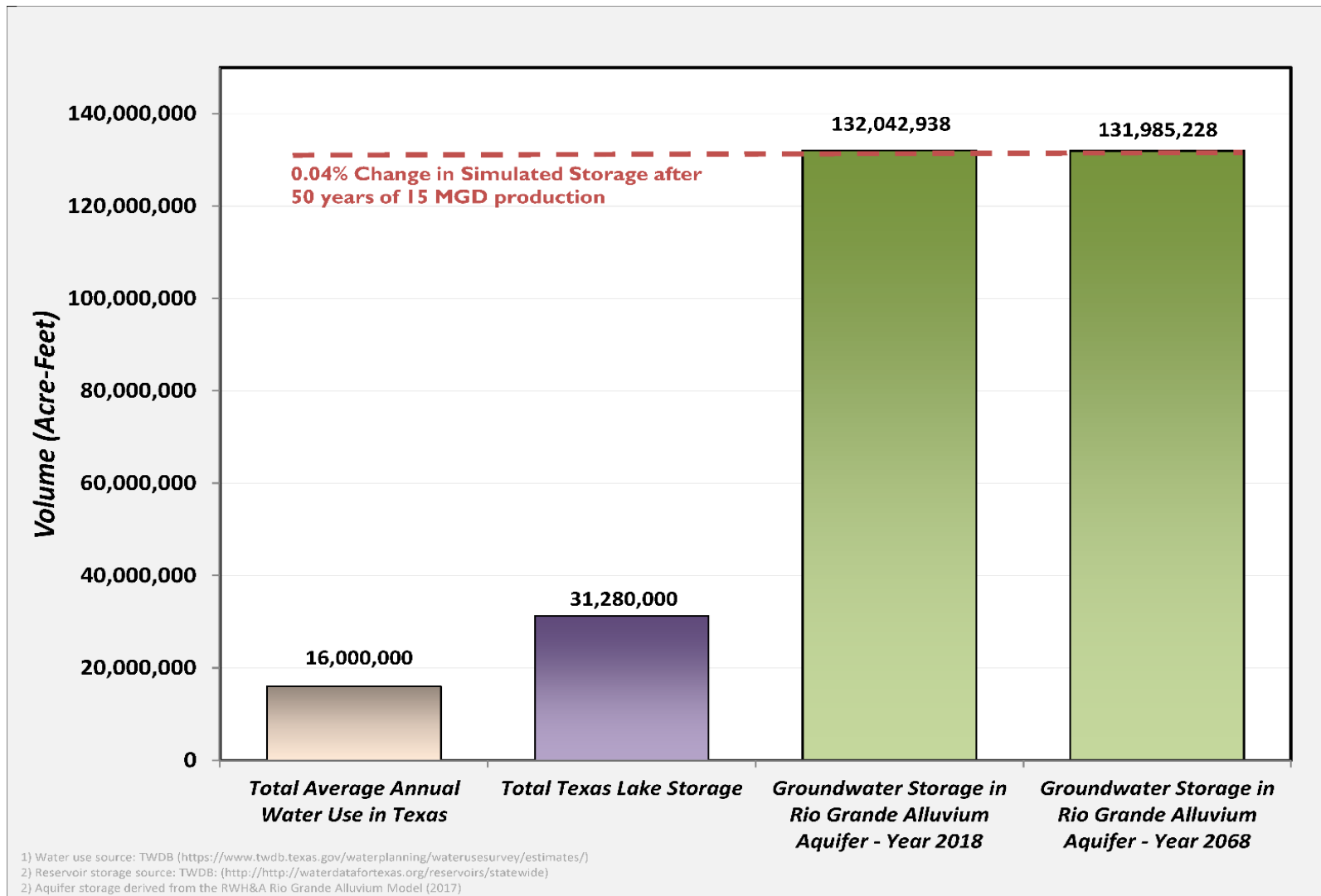
Notes:

- 1) 1 Acre-foot = 325,851 gallons.
- 2) SRWA production capacity of 10.3 MGD requires 13.7 MGD of groundwater (@ 75% recovery). 13.7 MGD of groundwater is equivalent to 15,346 acft/yr.
- 3) 42,395 acft/yr (2030 projection) is equivalent to 37.8 MGD of groundwater. 37.8 MGD of groundwater can produce (@75% recovery) 28.4 MGD.

Status of Planning Process

- TWDB is updating the groundwater availability model
 - Stakeholder Meeting held in Robstown, TX on October 15, 2024
 - Updated model is more accurate
 - Model is under review by TWDB (final—early 2025)
- Groundwater Management Area 16 will use the groundwater availability model to establish groundwater projections (allocations) in the counties.
- Region M Regional Water Planning Group is updating the RWP
 - Evaluating WMS, including groundwater projects
 - Draft plan available in 2025

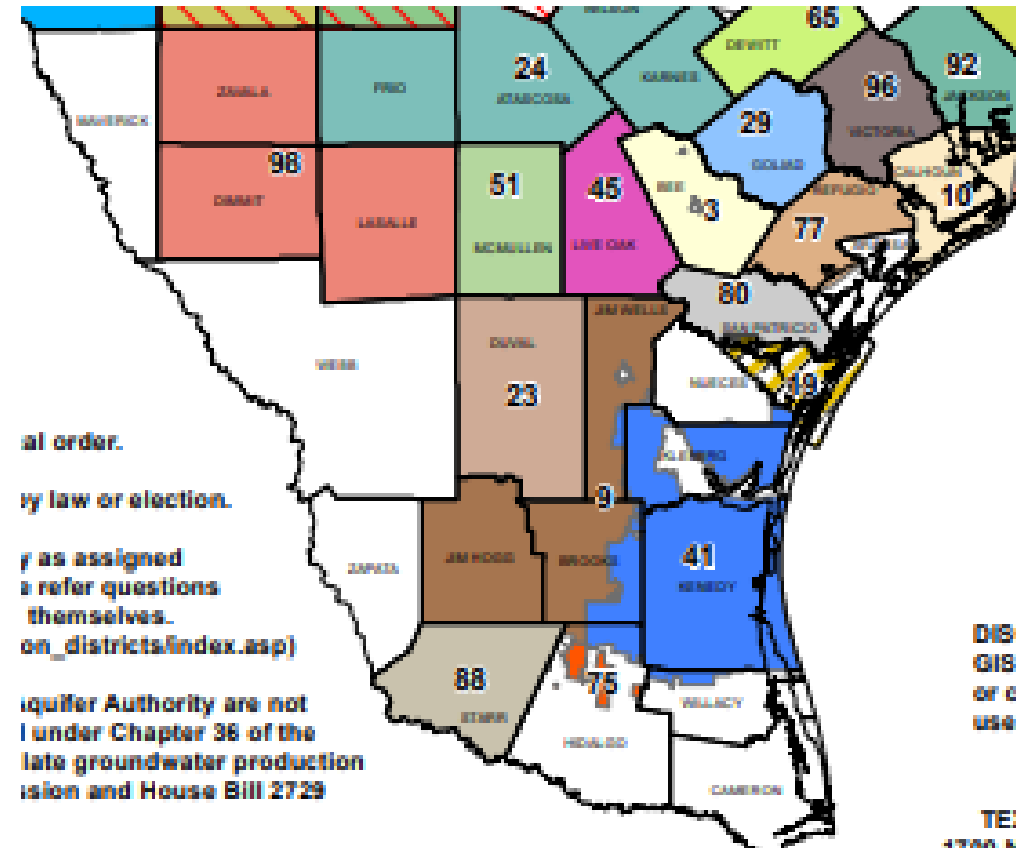
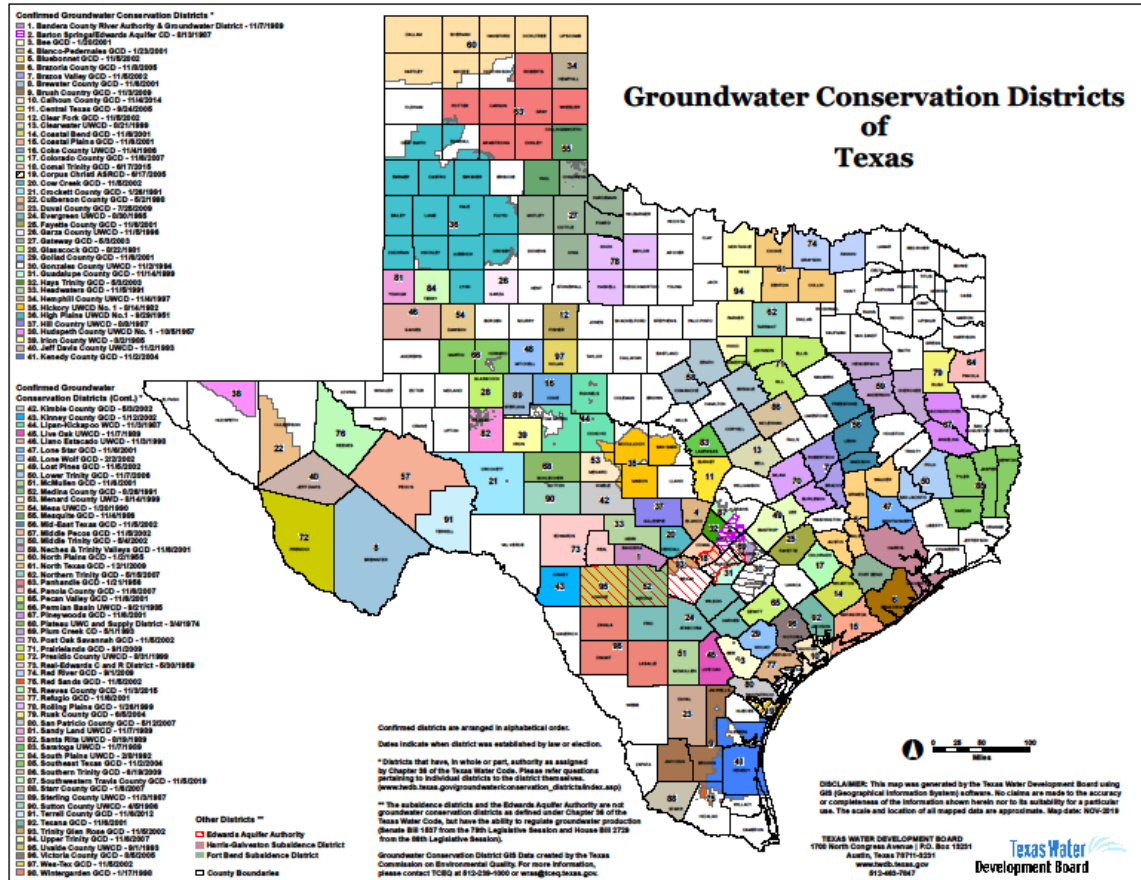
2017 SRWA Groundwater Availability Model



Unknowns

- 1) How will the updated TWDB groundwater availability model impact the potential expansion of SRWA?
- 2) Can the plant be expanded without Region M's recommendation as a WMS?
- 3) What is the impact on funding if an expansion project exceeds the groundwater availability in the Region M RWP?
- 4) What is the impact if a GCD is established in Cameron County?

Groundwater Conservation Districts



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by law or election.

y as assigned

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themselves.

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late groundwater production

ision and House Bill 2729

Thank You



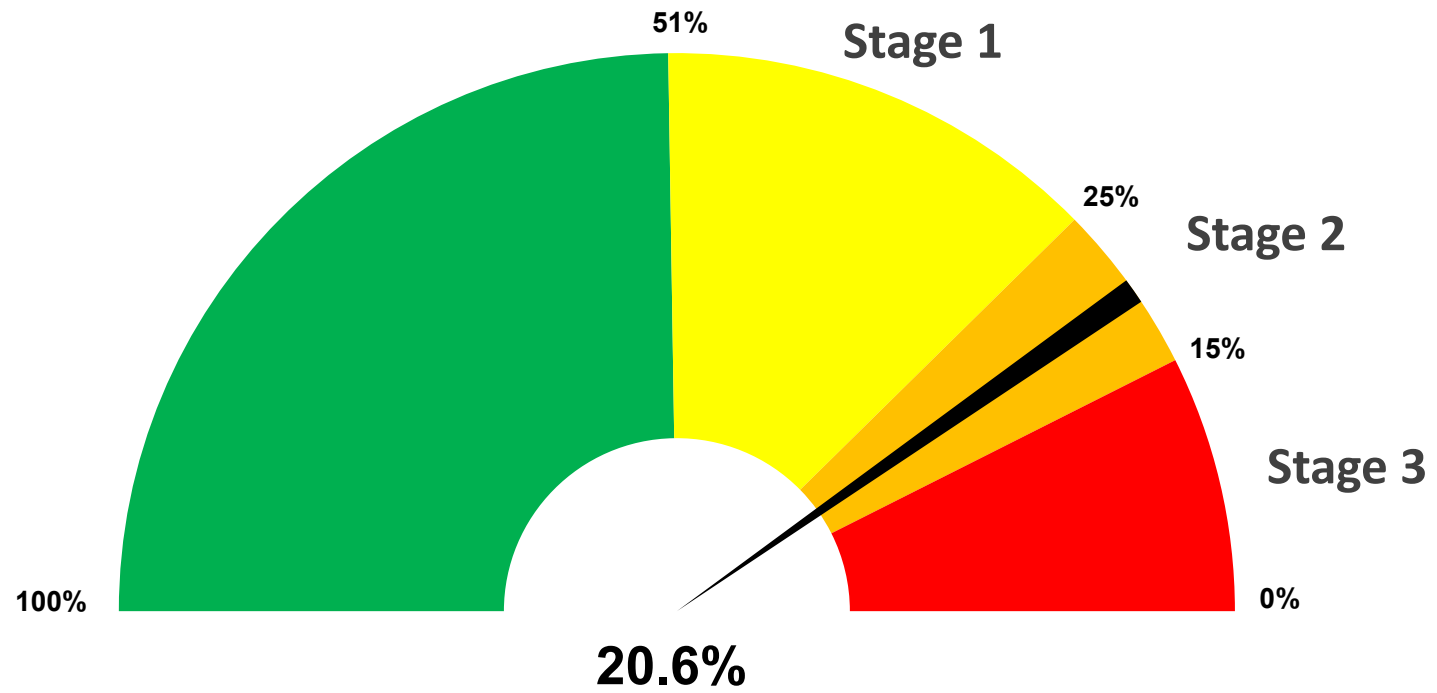


Drought Update

NOVEMBER 4, 2024

● ● ● SRWA BOARD MEETING

BPUB Drought Stage Meter



U.S. Combined ownership at Amistad and Falcon Reservoirs
October 26, 2024 = 20.6%

U.S. Combined Ownership at Amistad/Falcon

Previous 3 Readings

20.7%

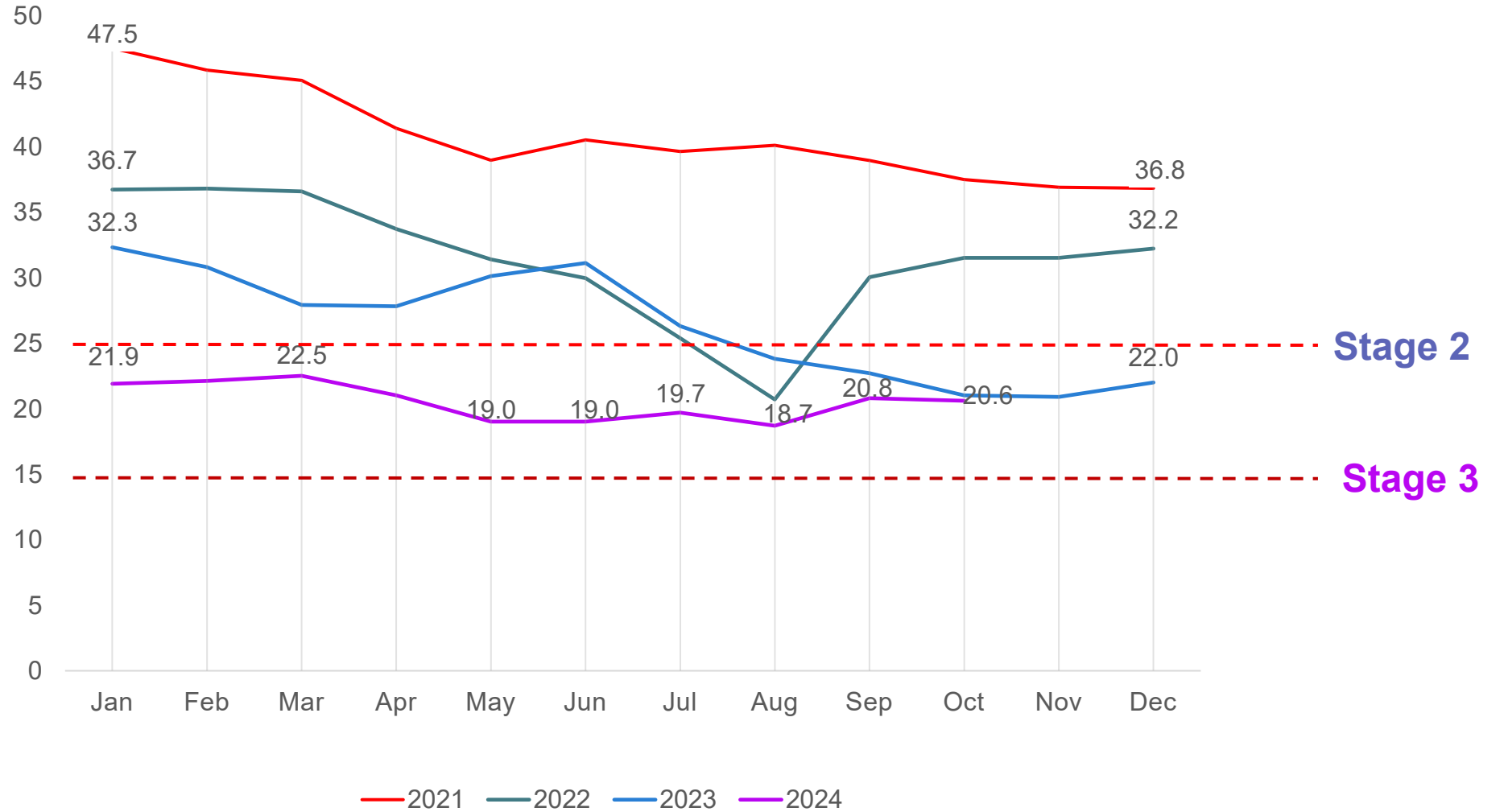
October 19, 2024

20.8%

October 12, 2024

20.8%

October 5, 2024



National Weather Service November to January 2025 Outlook: For the Lower Rio Grande Valley/Deep South Texas Region

- Falcon and Amistad remained near historic lows at the end of October
- Warmer and drier than average conditions are likely through the Fall
- Confidence is near-certain on total storage remaining at or near record lows through January
- Sufficient inflows from Mexican and International reservoirs serving the Lower Rio Grande watershed remain unlikely
- Combined share of water in Amistad and Falcon likely to continue below Stage 2



B R O W N S V I L L E
PUBLIC UTILITIES BOARD

EVERY DROP COUNTS!

Learn more about drought at:



brownsville-pub.com/drought-resources

Consideration and Possible Action to Ratify the Approval of Participation in Texas Coalition for Affordable Power for the Acquisition of Electricity in the Deregulated Texas Energy Market



M. DOMBROSKI



Discussion on Date, Time of Next Board Meeting

J. Hollmann



Adjournment
