

**Production
&
Distribution
Report**

**For the Month Ended
December 31, 2023**

Jose A. Garza

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]	[J]	[K]
SRWA 2023-2024 FY Water Distribution Summary and True-Up Estimate										
		SRWA Total Distribution			BPUB ¹	Valley MUD#2	Los Fresnos ²	BND ¹	Indian Lake ²	Total
Allocation	Percent (%)	Million Gals	Dist. Per sum of		92.91%	2.51%	2.28%	2.10%	0.20%	100.00%
			column f-j	Difference	Million Gals	Million Gals	Million Gals			
	Oct-23	200.786	200.786	0.000	171.008	6.320	18.839	4.217	0.402	200.786
	Nov-23	207.806	207.806	0.000	180.509	4.916	17.601	4.364	0.416	207.806
	Dec-23	209.005	209.005	0.000	184.129	3.105	16.964	4.389	0.418	209.005
	Jan-24		0.000	0.000						-
	Feb-24		0.000	0.000						-
	Mar-24		0.000	0.000						-
	Apr-24		0.000	0.000						-
	May-24		0.000	0.000						-
	Jun-24		0.000	0.000						-
	Jul-24		0.000	0.000						-
	Aug-24		0.000	0.000						-
	Sep-24		0.000	0.000						-
Actual Distribution	YTD MG	617.597	617.597	0.000	535.646	14.341	53.404	12.970	1.236	617.597
	Daily Average (MGD)	6.713			5.822	0.156	0.580	0.141	0.013	6.713

True up Estimate: This is not a bill.

Allocable Distribution Based on % Participation	573.809	15.502	14.081	12.970	1.235	617.597
Consolidation of Distribution per Agreements	586.779	15.502	15.316	-	-	617.597
Over (Under) Distributed	(38.16)	(1.16)	39.32	-	-	0.000
FY2023 Estimated O&M Cost Per Thousand Gallons	\$ 1.80	\$ 1.80	\$ 1.80			
Total Cost of Over (Under) Distributed	<u>\$ (68,693.26)</u>	<u>\$ (2,089.23)</u>	<u>\$ 70,782.49</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

¹ BPUB is providing credit to the BND for their SRWA share on their monthly BPUB water bill.

² As of Jan 1, 2009, City of Los Fresnos is purchasing Indian Lake's water allocation (as per Interlocal Agreement dated 10/14/2008)

SOUTHMOST REGIONAL WATER AUTHORITY
PRODUCTION / DISTRIBUTION COSTS

MONTH: **December-23**

	R.O. Water Produced MGD	Blend Water Produced MGD	Total Water Produced	DISTRIBUTION (MGD)			TOTAL WATER DISTRIBUTED
				TO BROWNSVILLE	TO LOS FRESNOS	TO VMUD #2	
1	5.338	0.817	6.155	5.164	0.508	0.058	5.730
2	6.269	0.747	7.016	6.773	0.573	0.068	7.414
3	6.723	0.748	7.471	6.176	0.539	0.069	6.784
4	4.508	0.555	5.063	5.256	0.489	0.048	5.793
5	6.356	0.749	7.105	5.688	0.550	0.134	6.372
6	6.272	0.747	7.019	6.534	0.478	0.072	7.084
7	6.223	0.750	6.973	6.028	0.603	0.077	6.708
8	6.329	0.761	7.090	6.547	0.725	0.076	7.348
9	6.305	0.743	7.048	6.007	0.506	0.082	6.595
10	6.223	0.738	6.961	6.861	0.570	0.087	7.518
11	6.274	0.741	7.015	5.805	0.562	0.067	6.434
12	5.679	0.679	6.358	5.657	0.583	0.076	6.316
13	6.354	0.758	7.112	6.421	0.522	0.079	7.022
14	6.240	0.744	6.984	6.228	0.512	0.072	6.812
15	4.510	0.535	5.045	5.307	0.624	0.059	5.990
16	6.234	0.759	6.993	5.696	0.550	0.067	6.313
17	6.290	0.749	7.039	6.165	0.595	0.080	6.840
18	6.309	0.745	7.054	6.549	0.578	0.087	7.214
19	5.822	0.668	6.490	5.448	0.582	0.061	6.091
20	6.289	0.737	7.026	6.472	0.553	0.072	7.097
21	5.516	0.646	6.162	5.820	0.635	0.073	6.528
22	6.127	0.737	6.864	5.797	0.563	0.081	6.441
23	6.431	0.750	7.181	5.761	0.550	0.098	6.409
24	6.290	0.750	7.040	6.700	0.573	0.047	7.320
25	6.302	0.746	7.048	5.824	0.565	0.098	6.487
26	6.367	0.752	7.119	6.684	0.601	0.063	7.348
27	6.295	0.742	7.037	6.347	0.518	0.346	7.211
28	6.193	0.746	6.939	6.129	0.539	0.195	6.863
29	6.596	0.743	7.339	6.128	0.487	0.209	6.824
30	6.300	0.747	7.047	6.297	0.632	0.206	7.135
31	6.045	0.730	6.775	6.249	0.517	0.198	6.964
TOTALS	189.009	22.559	211.568	188.518	17.382	3.105	209.005
AVERAGE	6.097	0.728	6.825	6.081	0.561	0.100	6.742

CHEMICAL CONSUMPTION

	TYPE	QUANTITY	COST/UNIT	TOTALS
Scale Inhibitor	275-Gal Tote	0.62	\$10,400.00	\$6,488.04
Calcium Chloride	lbs.	149,062.79	\$0.2900	\$43,228.21
Caustic Soda	lbs.	34,538.95	\$0.1538	\$5,312.09
Liquid Ammonium Sulfate	lbs.	19,485.44	\$0.1629	\$3,174.18
Chlorine	Ton Containers	6.00	\$2,359.00	\$14,163.39
Ferric Chloride	lbs.	9,858.97	\$0.2700	\$2,661.92
Sodium Bisulfite	lbs.	9,850.90	\$0.1865	\$1,837.19
High pH Membrane Cleaner (237)	55-Gal Drum	0.00	\$2,186.60	\$0.00
Low pH Membrane Cleaner (234)	55-Gal Drum	0.00	\$1,897.40	\$0.00
Citric Acid	330-Gal Totes	1.50	\$3,136.28	\$4,704.42
Sodium Chlorite	lbs.	6,706.01	\$0.689	\$4,620.44
<i>Chemical cost per thousand gals:</i>				\$0.407
				\$86,189.88

ELECTRIC CONSUMPTION

	kwh	COST/kwh	TOTALS
Well Field	542,400	\$0.08261	\$44,807.66
MF Processing Plant	154,800	\$0.0966	\$14,953.68
RO Processing Plant	414,300	\$0.1100	\$45,573.00
High Service Pumps	145,200	\$0.1051	\$15,260.52
<i>Power costs per thousand gals:</i>			\$0.570
			\$120,594.86

SOUTHMOST REGIONAL WATER AUTHORITY

MONTH: **December-23**

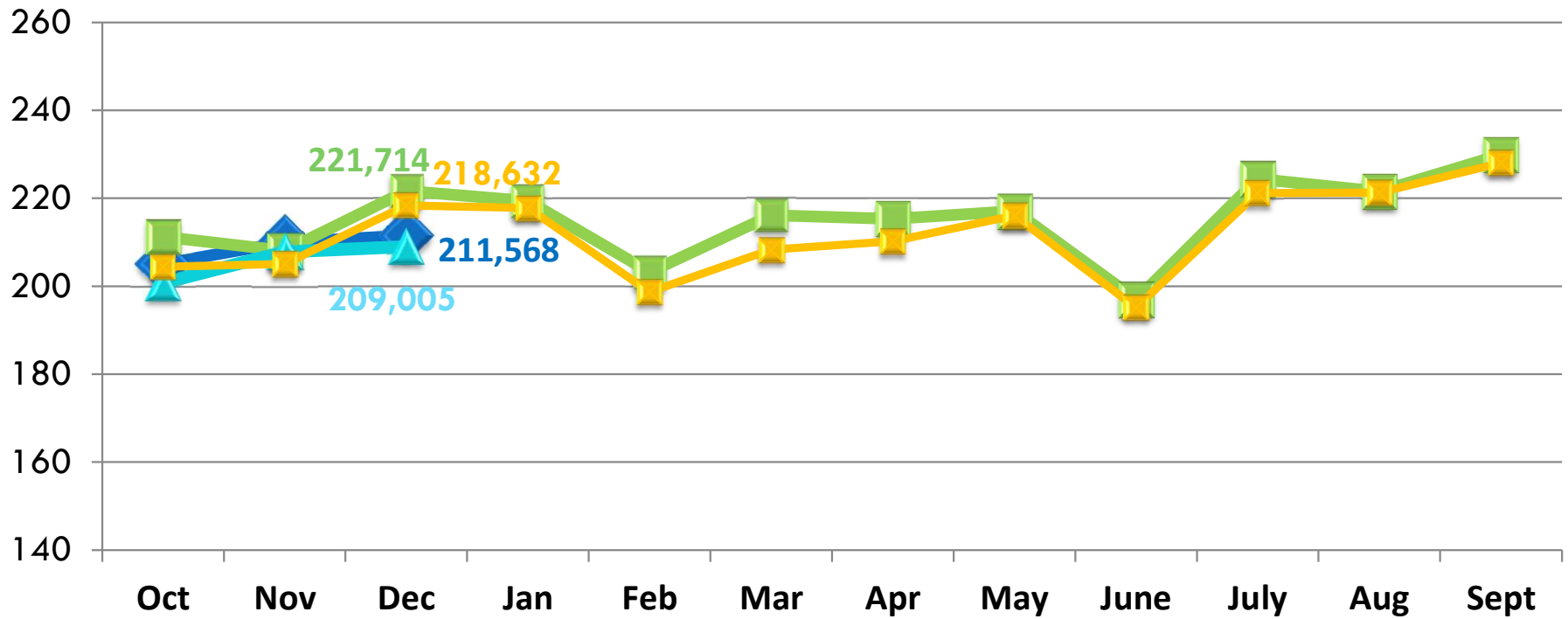
	TOTAL MGD PRODUCED	DESCRIPTION	DOWN TIME HOURS
1	6.155		
2	7.016		
3	7.471		
4	5.063	Scheduled shutdown to replace a broken valve on the well field raw water line.	6
5	7.105		
6	7.019		
7	6.973		
8	7.090		
9	7.048		
10	6.961		
11	7.015		
12	6.358		
13	7.112		
14	6.984		
15	5.045	Scheduled shutdown to replace a broken valve on the well field raw water line.	6
16	6.993		
17	7.039		
18	7.054		
19	6.490		
20	7.026		
21	6.162		
22	6.864		
23	7.181		
24	7.040		
25	7.048		
26	7.119		
27	7.037		
28	6.939		
29	7.339		
30	7.047		
31	6.775		
TOTALS	211.568		12
AVERAGE	6.825		

Fiscal Year 2024 Southmost Regional Water Authority Financial Performance as of December 31, 2023



Water Production & Distribution

Million Gallons



◆ FY 2024 Actual Production thru December

■ FY 2023 Actual Production thru December

▲ FY 2024 Actual Distribution thru December

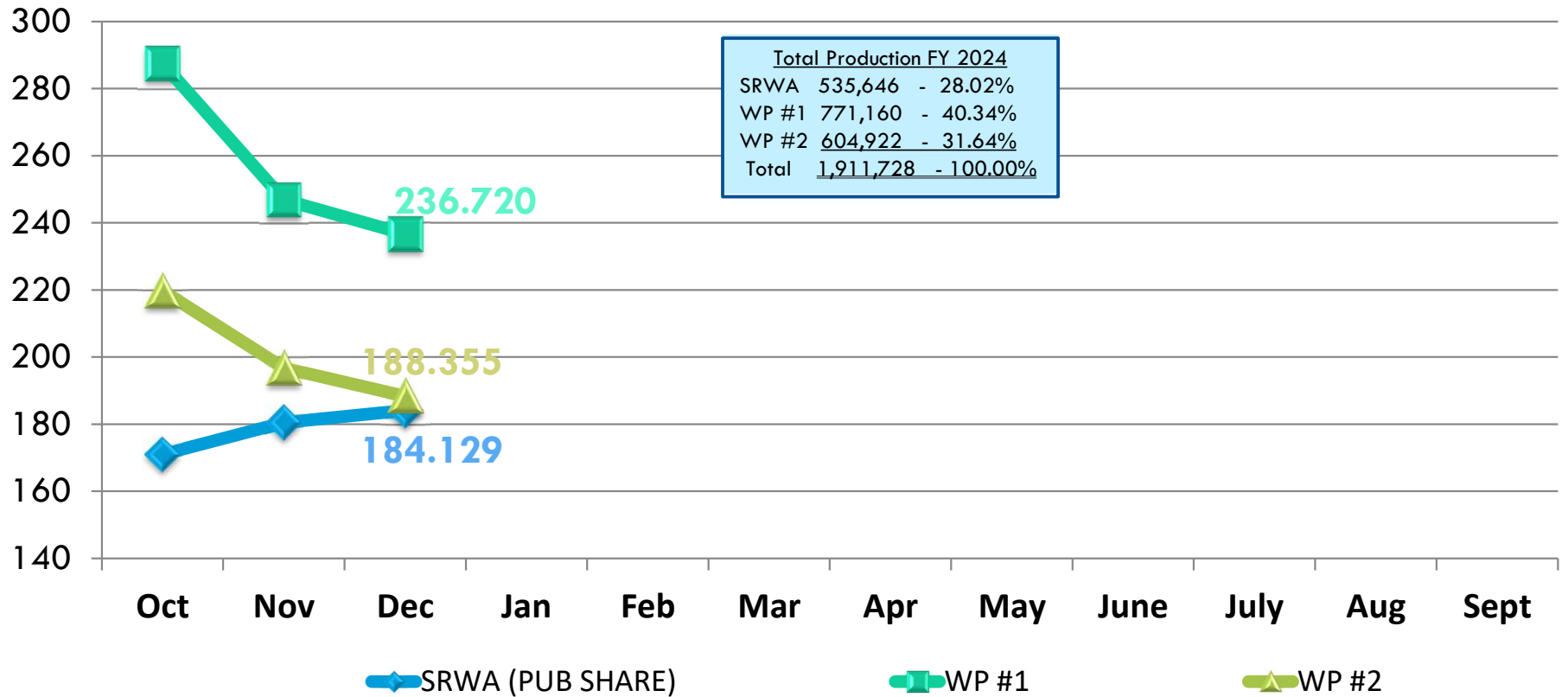
■ FY 2023 Actual Distribution thru December

Fiscal Year 2024 Southmost Regional Water Authority Financial Performance as of December 31, 2023



Million Gallons

Water Plant Production



Financial Performance

**For the Month Ended
December 31, 2023**

George Rangel

Fiscal Year 2024 Southmost Regional Water Authority Financial Performance as of December 31, 2023



Operating Revenues / Expenses

	December 2023	FY 2024 YTD
1. Operating Revenues:		
2. Member assessments	\$ 650,965	\$ 1,952,894
3. Total Operating Revenues	<u>650,965</u>	<u>1,952,894</u>
4. Operating Expenses:		
5. Personnel services	96,539	208,611
6. Materials and supplies	106,176	268,049
7. Repairs and maintenance	7,443	7,443
8. Contractual and other services	204,219	613,477
9. Depreciation expense	112,511	337,534
10. Total Operating Expenses	<u>526,888</u>	<u>1,435,114</u>
11. Operating Income	124,077	517,780

Fiscal Year 2024 Southmost Regional Water Authority Financial Performance as of December 31, 2023



Non-Operating Revenues / Expenses

	December 2023	FY 2024 YTD
12. Non-Operating Revenues (Expenses):		
13. Non-operating revenues (expenses)	(3,335)	(3,335)
14. Interest from investments	54,143	151,835
15. Amortized regulatory costs and bond premium	7,018	21,052
16. Interest expense	(50,930)	(152,789)
17. Gain (Loss) on Disposition of Property	-	-
18. Net Non-Operating Revenues (Expenses)	<u>6,896</u>	<u>16,763</u>
19. Income (Loss) before capital contributions	130,973	534,543
20. Capital contributions	-	-
21. Change in net position	<u>130,973</u>	<u>534,543</u>
22. Net Position, beginning of year	23,168,487	22,764,917
23. Net Position, end of year	<u>\$ 23,299,460</u>	<u>\$ 23,299,460</u>



Fiscal Year 2024
Summary by Account

RUN DATE: 12-JANUARY-2024

ACCOUNT	FY 2024 APPROVED BUDGET	YTD BUDGET	YTD ACTUALS	DIFF	DECEMBER BUDGET	DECEMBER ACTUAL	BUDGET BALANCE
Personnel Services							
6160 Overhead Labor	961,155	240,289	208,611	31,678	80,096	96,539	752,544
Total Personnel Services	\$ 961,155	\$ 240,289	\$ 208,611	\$ 31,678	\$ 80,096	\$ 96,539	\$ 752,544
Materials and supplies							
7203 Sand, Caliche, Gravel, Concrete etc	29,000	7,250	-	7,250	2,417		29,000
7225 Safety supplies	2,500	625	561	64	208		1,939
7278 Chemicals - sodium chlorite	200,000	50,000	10,450	39,550	16,667	5,225	189,550
7281 Chemicals - ammonia	67,000	16,750	15,013	1,737	5,583	7,510	51,987
7282 Chemicals - caustic soda	95,000	23,750	14,140	9,610	7,917		80,860
7283 Chemicals - chlorine	211,280	52,820	42,462	10,358	17,607	18,872	168,818
7288 Chemicals - ferric chloride	67,600	16,900	12,031	4,869	5,633	12,031	55,569
7291 Chemicals-Microfiltration Cleaners	137,000	34,250	18,818	15,432	11,417		118,182
7292 Chemicals - Sodium Bisulfite	32,000	8,000	8,945	(945)	2,667	8,945	23,055
7293 Chemicals - other	1,310	327	-	327	109		1,310
7294 Chemicals - calcium chloride	568,000	142,000	106,616	35,384	47,333	39,040	461,384
7295 Chemicals - membrane cleaner	29,920	7,480	-	7,480	2,493		29,920
7296 Chemicals - scale inhibitor	445,440	111,360	-	111,360	37,120		445,440
7297 Chemicals - cartridge filters	65,920	16,480	-	16,480	5,493		65,920
7298 membranes	242,400	60,600	-	60,600	20,200		242,400
7299 Other materials & supplies	100,000	25,000	39,014	(14,014)	8,333	14,553	60,986
Total Materials and supplies	\$ 2,294,370	\$ 573,593	\$ 268,049	\$ 305,544	\$ 191,198	\$ 106,175	\$ 2,026,321
Repairs and maintenance							
7520 Maint. of minor equipment	750	188	-	188	63		750
7581 Maintenance wells	460,973	115,243	7,443	107,800	38,414	7,443	453,530
Total Repairs and maintenance	\$ 461,723	\$ 115,431	\$ 7,443	\$ 107,988	\$ 38,477	\$ 7,443	\$ 454,280



Fiscal Year 2024
Summary by Account

RUN DATE: 12-JANUARY-2024

ACCOUNT	FY 2024 APPROVED BUDGET	YTD BUDGET	YTD ACTUALS	DIFF	DECEMBER BUDGET	DECEMBER ACTUAL	BUDGET BALANCE
Contractual and other services							
7102 Sponsorships	1,500	375	-	375	125		1,500
7105 Books & periodicals	150	38	-	38	13		150
7110 Dues & memberships	1,500	375	-	375	125		1,500
7120 Office supplies	1,200	300	387	(87)	100	89	813
7130 Postage/shipping charges	500	125	-	125	42		500
7135 Telephone expenses	22,000	5,500	4,070	1,430	1,833	1,357	17,930
7140 Training expenses	4,000	1,000	50	950	333		3,950
7145 Travel expenses	3,000	750	(859)	1,609	250		3,859
7180 Utilities - departmental	1,210,000	302,500	262,639	39,861	100,833	130,060	947,361
7310 Federal, state, & local fees	2,000	500	11	489	167	11	1,989
7315 Food, meals, ice, water	6,900	1,725	1,820	(95)	575	1,206	5,080
7325 Rental of equip/storage/land	11,100	2,775	2,206	569	925	1,737	8,894
7335 Wearing apparel & dry goods	3,500	875	-	875	292		3,500
7380 Insurance - general liability	4,400	1,100	416	684	367	139	3,984
7381 Insurance - boiler,mchnry,property	146,000	36,500	31,258	5,242	12,167	10,419	114,742
7384 Insurance - public officials liab	1,925	481	246	235	160	82	1,679
7385 Insurance - comprehensive auto liab	2,500	625	185	440	208	62	2,315
7415 Fuels & lubricants	3,000	750	1,074	(324)	250	338	1,926
7601 Legal Fees	8,000	2,000	3,333	(1,333)	667	3,090	4,668
7605 Engineering fees	270,000	67,500	170,289	(102,789)	22,500	13,956	99,711
7615 External auditor fees	12,000	3,000	-	3,000	1,000		12,000
7645 Maintenance services	15,200	3,800	152	3,648	1,267	91	15,048
7650 Security services	10,000	2,500	-	2,500	833		10,000
7660 Ground Keeping Maintenance	126,600	31,650	16,670	14,980	10,550	7,310	109,930
7699 Other services	297,000	74,250	62,150	12,100	24,750	19,697	234,850
7801 Communication equipment	1,000	250	-	250	83		1,000
7805 Computer equipment	1,500	375	-	375	125		1,500
7810 Laboratory equipment	5,000	1,250	-	1,250	417		5,000
7820 Office furniture & equipment	500	125	-	125	42		500
7830 Pumping equipment	35,200	8,800	57,381	(48,581)	2,933	14,577	(22,181)
7835 Tools, shop and garage equipment	1,000	250	-	250	83		1,000
7899 Other minor tools & equipment	10,000	2,500	-	2,500	833		10,000
Total Contractual and other services	\$ 2,218,175	\$ 554,544	\$ 613,477	\$ (58,934)	\$ 184,848	\$ 204,220	\$ 1,604,698
GRAND TOTAL	\$ 5,935,423	\$ 1,483,857	\$ 1,097,580	\$ 386,276	\$ 494,619	\$ 414,377	\$ 4,837,843