



February 3, 2022

**TO:** LOCSD Board of Directors

**FROM:** Margaret Falkner, Utility Systems Manager  
Alicia Zuniga, Utility Billing Specialist

**SUBJECT:** **Agenda Item 5D - 02/03/2022 Board Meeting**  
Utilities Department Report for **December 2021**

**WATER PRODUCTION INFORMATION**

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**Vice President**  
Charles L. Cesena

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Ron Munds

**District Accountant**  
Robert Stilts, CPA

**Unit Chief**  
Eddy Moore

**Battalion Chief**  
Paul Provence

The total production for the month of **December 2021** was approximately **11.8 million gallons (MG)** this equates to an average daily demand of **379,200 gallons**. This represents a **12.5% decrease** in production when compared to last year.

Using the state's formula to calculate residential usage per capita per day, for the month of **December 2021** our residential customers used **50.7** gallons per person per day, a decrease from 59.6 gallons per person per day in December 2020.

**PRODUCTION AND RUNTIME HOURS BY WELL SITE**

The following tables break down the production by well site and runtime on the pump motors for the month of **December 2021**. Totals for last year are included for comparison:

<b>Production (MG) December</b>	<b>2021</b>	<b>2020</b>
Palisades	0.6857	2.4569
3rd St	2.6169	3.0336
8th Street/El Moro	2.3538	3.9628
10th St	2.8452	0.0000
South Bay (lower)	3.2216	3.9406
South Bay (upper)	0.0310	0.4136
<b>Total:</b>	<b>11.7542</b>	<b>13.8075</b>

<b>Runtime (Hours) December</b>	<b>2021</b>	<b>2020</b>
Palisades	32.9	118.6
3rd St	671.3	725.3
8th Street/El Moro	125.1	199.2
10th St	224.1	0.0
South Bay (lower)	533.9	720.5
South Bay (upper)	20.5	247.1
<b>Total:</b>	<b>1607.8</b>	<b>2010.7</b>

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Enclosed for your review are graphs of total production by well site for the calendar years 2020 and 2021. You can see the impact of 10<sup>th</sup> Street going out of service in 2020 and 3<sup>rd</sup> Street not being brought online until the end of the year.

**WATER BILLING INFORMATION**

Billing Period	FY '20-'21			FY '21-'22		
	Month	Gallons	Revenue	Month	Gallons	Revenue
5/11 to 7/10	Jul	12,119,096	\$217,906.44	Jul	11,795,212	\$213,418.01
6/11 to 8/10	Aug	18,097,860	\$313,290.49	Aug	17,035,700	\$298,796.24
7/11 to 9/10	Sep	13,407,900	\$235,232.34	Sep	12,846,152	\$227,634.65
8/11 to 10/10	Oct	15,497,064	\$277,149.49	Oct	15,479,112	\$277,602.84
9/11 to 11/10	Nov	12,240,272	\$219,526.66	Nov	10,715,100	\$199,353.50
10/11 to 12/10	Dec	15,013,108	\$270,072.58	Dec	15,013,108	\$270,072.58
11/11 to 1/10	Jan	10,555,776	\$196,582.18	Jan		
12/11 to 2/10	Feb	13,054,096	\$243,860.92	Feb		
1/11 to 3/10	Mar	10,246,104	\$192,968.25	Mar		
2/11 to 4/10	Apr	14,298,768	\$261,154.06	Apr		
3/11 to 5/10	May	11,807,180	\$213,599.19	May		
4/11 to 6/10	Jun	14,948,780	\$271,387.08	Jun		

**DRAINAGE WID # 3 40M2000133**

The District continues to operate and comply with the General National Pollutant Discharge Elimination System (NPDES) Permit for storm water discharges for small Municipal Separate Storm Sewer Systems (MS4). Storm water pollution prevention measures are available on the District’s Drainage web page: <http://www.lososocsd.org/drainage>

**RAINFALL TOTALS**

The County has a link to rain and reservoir information: <http://wr.slocountywater.org/home.php> below is a table of historical rainfall totals from the Los Osos Landfill rain monitor. This has been arranged to coincide with our Water Shortage Contingency Plan Climate Trigger which is based on rainfall measured from April 1<sup>st</sup> through March 31<sup>st</sup>.

Los Osos Landfill # 727 *** All units are in inches ***													
Water Year	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Total
2021-2022	0.00	0.04	0.00	0.00	0.00	0.00	2.64	0.27	8.40				<b>11.35</b>
2020-2021	1.89	0.12	0.04	0.00	0.04	0.00	0.00	0.00	0.04	9.93	0.20	1.26	<b>13.52</b>
2019-2020	0.08	1.53	0.00	0.00	0.08	0.00	0.00	2.13	4.37	0.20	0.04	4.80	<b>13.23</b>
2018-2019	0.79	0.00	0.00	0.00	0.00	0.00	0.43	3.75	1.14	6.14	6.90	3.94	<b>23.09</b>
2017 - 2018	0.55	0.27	0.00	0.00	0.00	0.16	0.16	0.47	0.12	3.78	0.16	7.95	<b>13.62</b>

**RECOMMENDATION**

Staff encourages the Board to ask any questions they may have with regard to the aforementioned report or any other related item that may be listed separately as an agenda item.

## **Utility Department Updates**

### **8<sup>th</sup> St. Upper Aquifer Well**

The work on the 8<sup>th</sup> St. Upper Aquifer began last week. There will still be some delays in completing the project due to supply chain issues with the electrical components. If all goes according to schedule, it is anticipated the project will be completed in April..

### **16th Street South Tank Rehab and Coating Project**

The 16<sup>th</sup> St. Tank project was slated to begin in early January, but COVID related workforce issues have delayed the start date of the Project. The Project should be underway at the beginning of February and completed by April.

### **Program C Well**

The Minor Use Permit required for the project was submitted to the County October 8<sup>th</sup>. The County has indicated the permit will move to administrative hearing in March. Staff will be working with the Wallace Group and Cleath-Harris to finalize the well drilling specifications and bid document so the bid package can be released upon approval of the Minor Use Permit and the Board. A grant application was submitted to the California Department of Water Resources (DWR) for approximately \$1.6 million is still pending. Staff has been in contact with DWR and we have confirmed that we will hear from them by the end of February 2022.

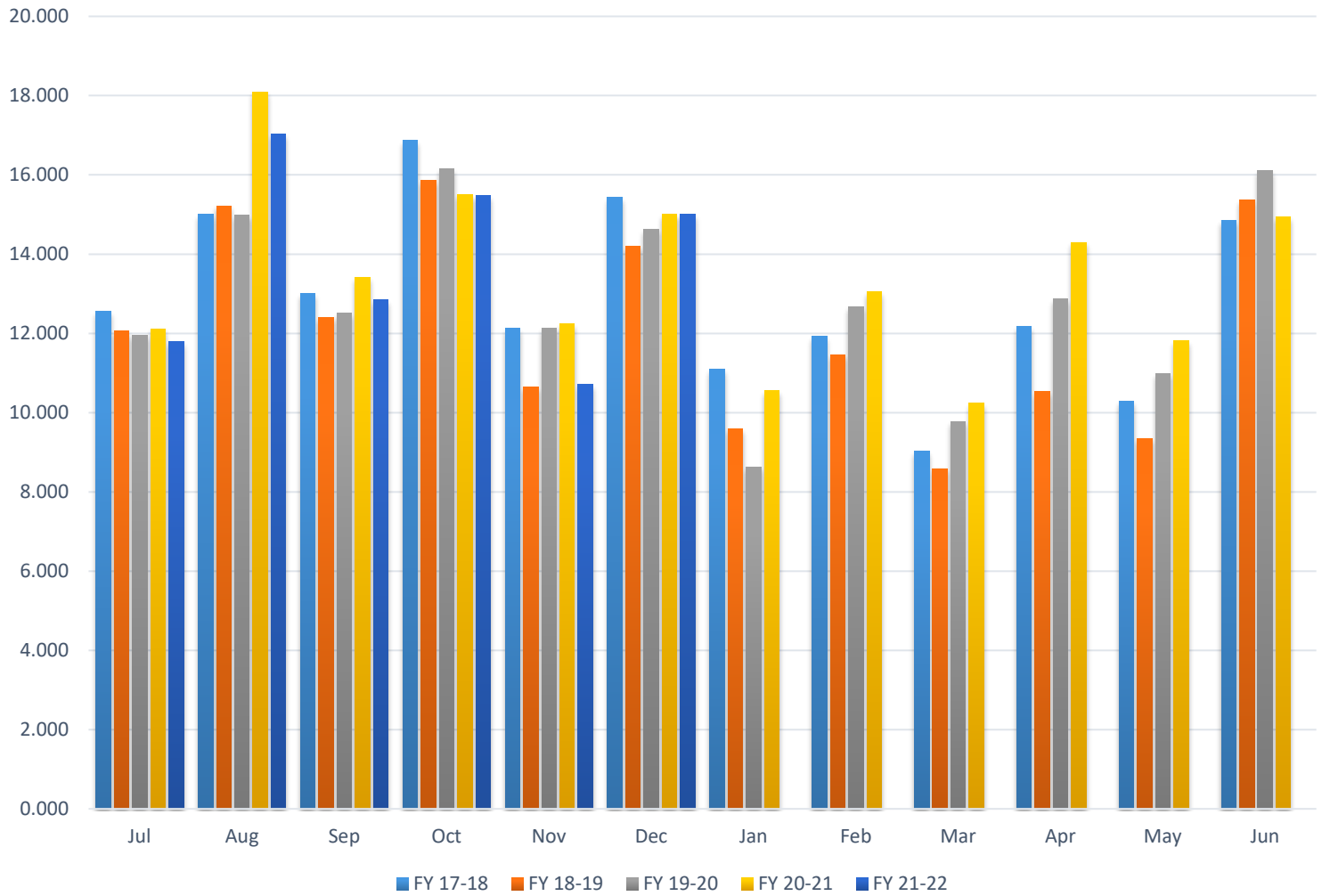
### **Water Resiliency Project Update**

At the September 9, 2021 Board meeting, the Board provided direction to staff to initiate the investigation into alternative water supply projects in particular the State Water Project and/or Morro Bays' water system. The project would require an intertie (pipeline) to the Highway 1 area.

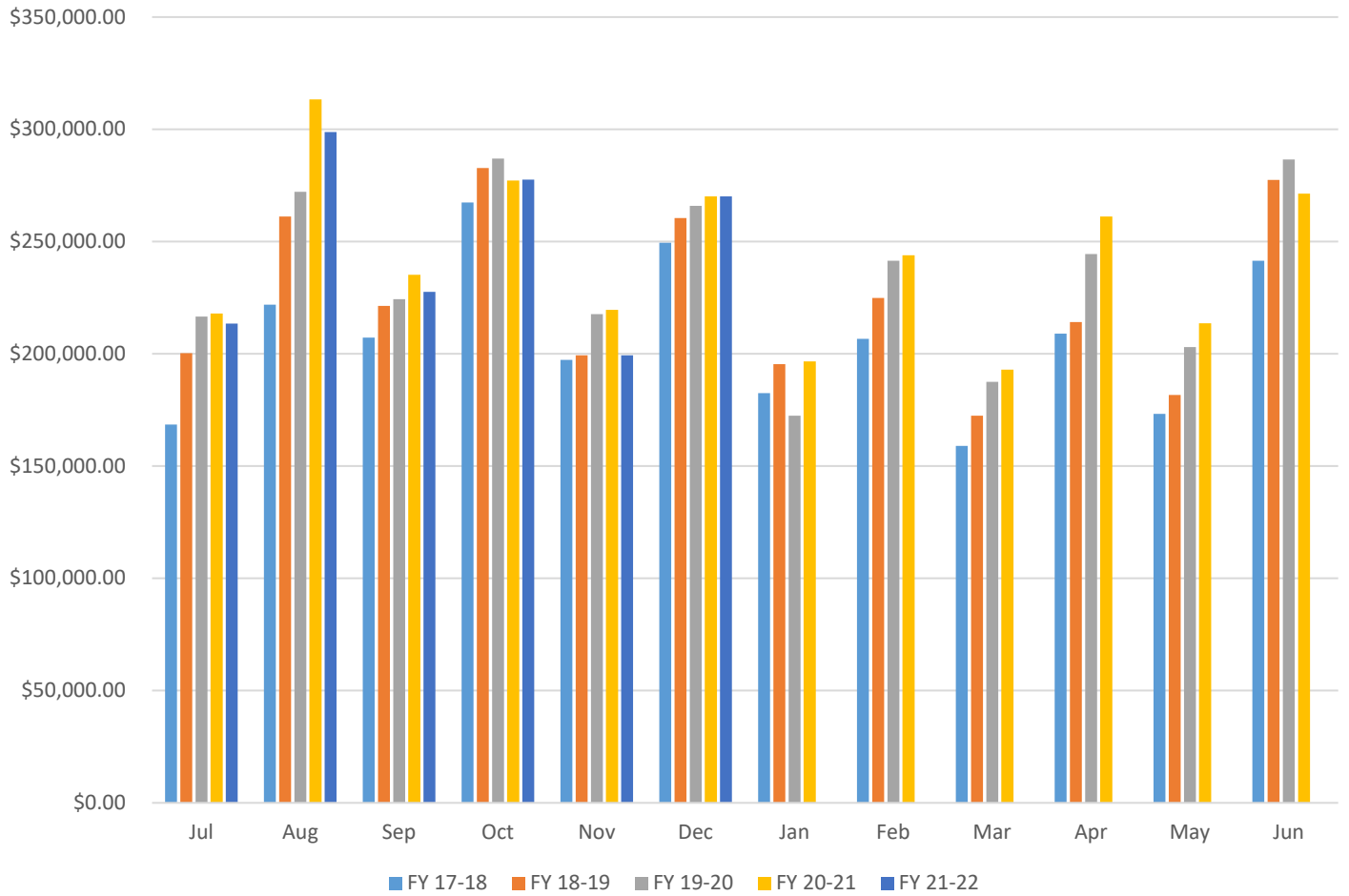
Since September, staff has had preliminary discussions with the City of Morro Bay and County Public Works staff. The discussions with Morro Bay have focused on their water supply portfolio and the prospective availability of supply. Discussions with the County have been concentrated on the Chorro Valley pipeline capacity and the prospects of contracting for a State Water allocation. Both agencies have agreed to further dialogue so staff will update the UAC and Board as more information is available.

Regarding the pipeline, Rob Miller and I have been in discussions with County Public Works Development Services Division regarding pipeline alignment and any encroachment permit requirements that might be part of the project. Additionally, Rob and I have been talking with Public Works Transportation Division regarding the upcoming South Bay Bridge Project. They have agreed to include provisions for a pipeline in the design of the bridge and we are working on the agreement which will be brought to UAC when in final draft form.

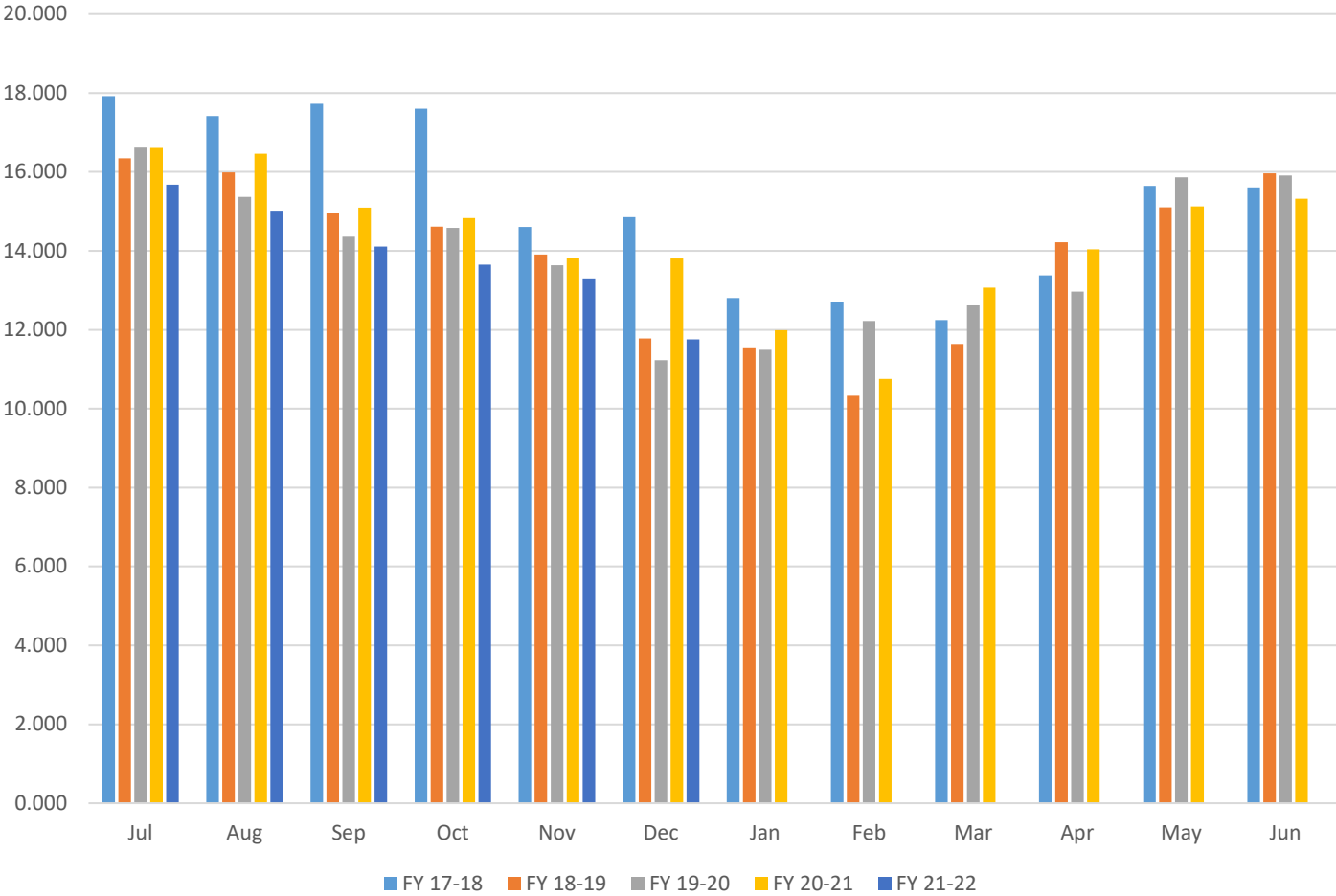
# Water Consumption in Million Gallons



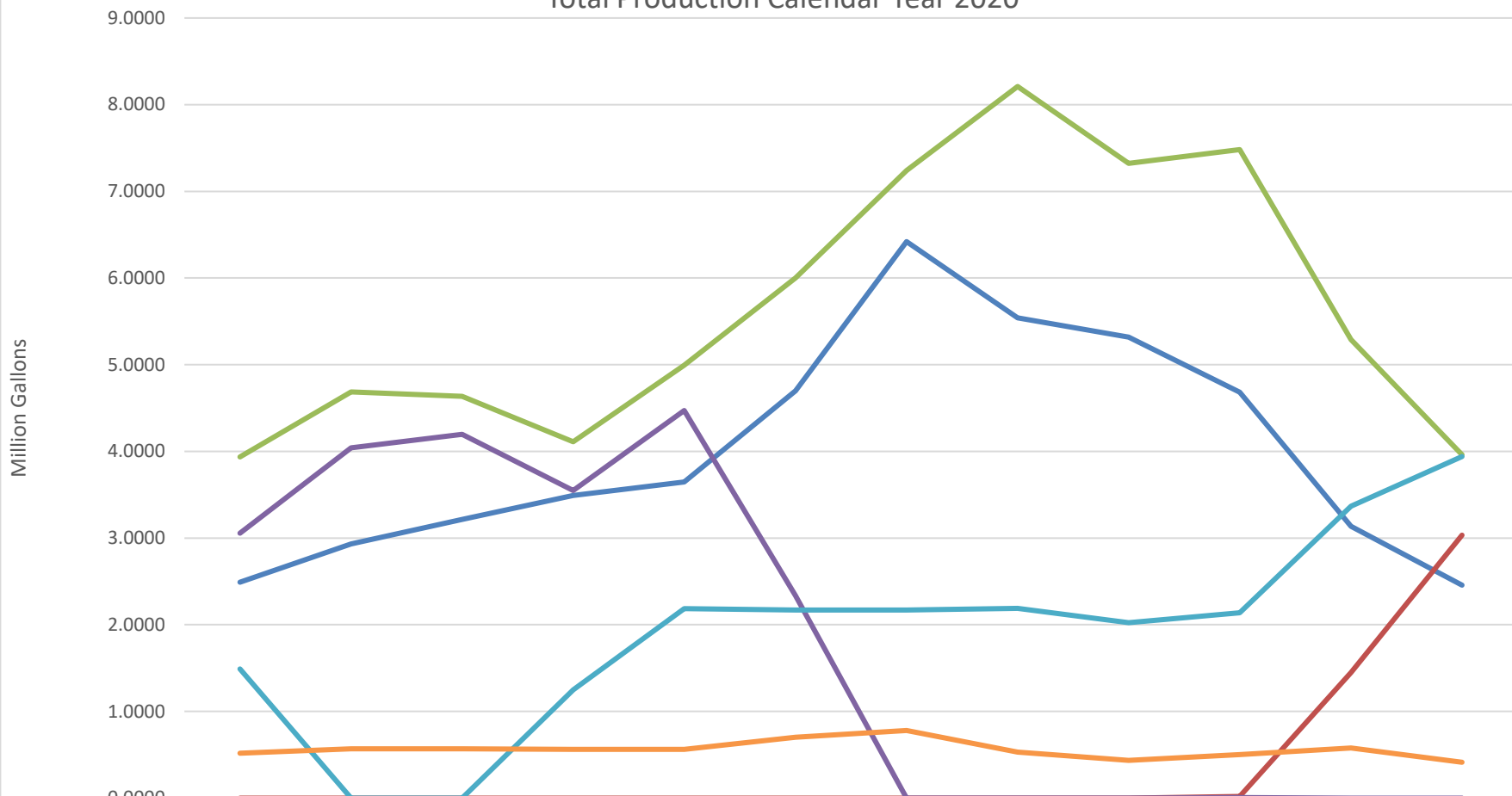
## Water Revenue



### Water Production in Million Gallons

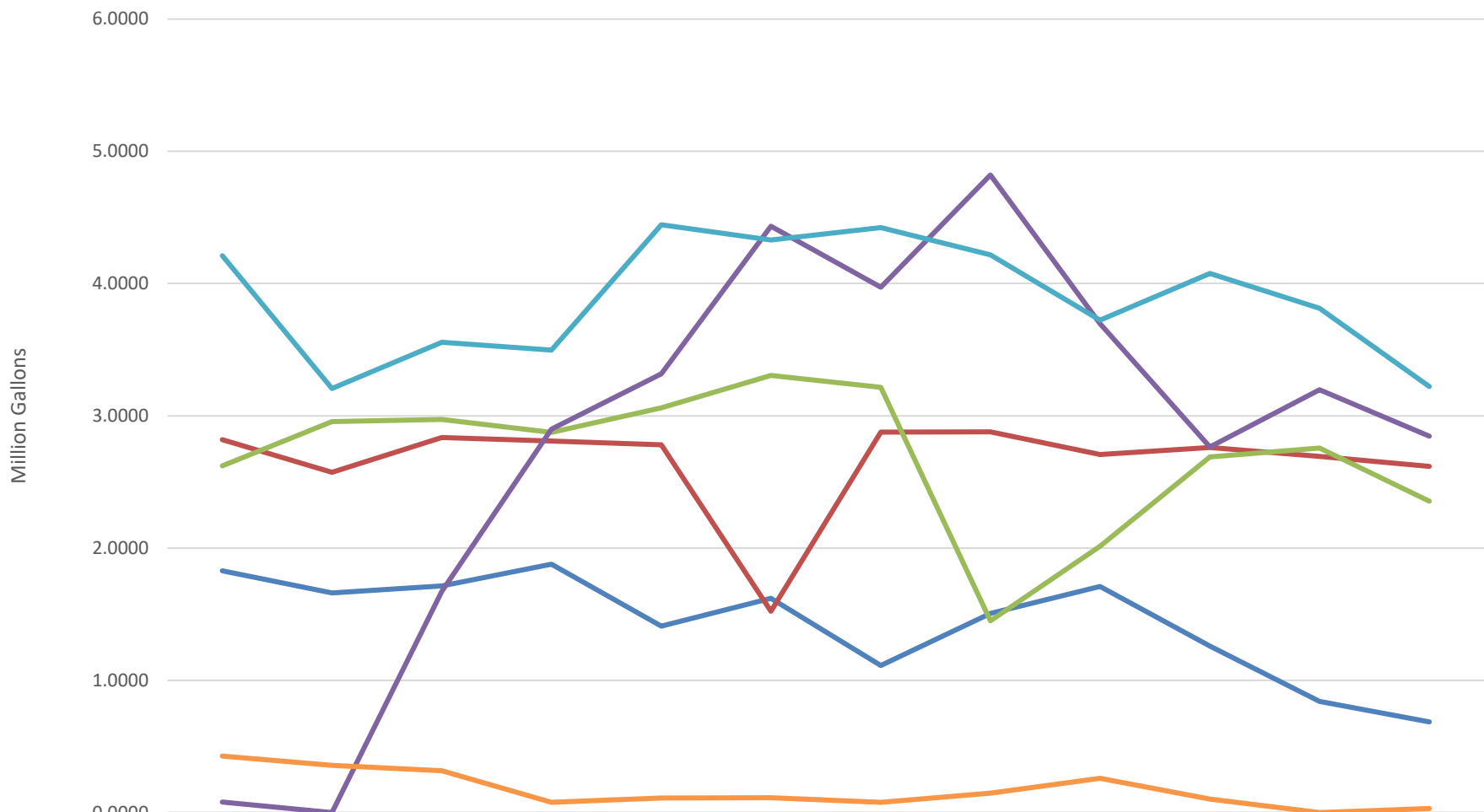


### Total Production Calendar Year 2020



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Palisades	2.4916	2.9315	3.2158	3.4925	3.6476	4.6998	6.4200	5.5400	5.3171	4.6841	3.1362	2.4569
3rd Street	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0178	1.4499	3.0336
El Moro	3.9361	4.6847	4.6360	4.1110	4.9955	6.0012	7.2400	8.2100	7.3236	7.4822	5.2895	3.9628
10th Street	3.0577	4.0403	4.1977	3.5481	4.4715	2.3346	0.0000	0.0000	0.0000	0.0057	0.0000	0.0000
SouthBay	1.4910	0.0000	0.0008	1.2487	2.1848	2.1700	2.1700	2.1900	2.0228	2.1378	3.3688	3.9406
SB Upper	0.5176	0.5677	0.5700	0.5640	0.5610	0.7031	0.7800	0.5300	0.4338	0.5019	0.5790	0.4136

### Total Production Calendar Year 2021



	1	2	3	4	5	6	7	8	9	10	11	12
Palisades	1.8285	1.6606	1.7139	1.8779	1.4107	1.6208	1.1117	1.5048	1.7101	1.2593	0.8413	0.6857
3rd Street	2.8199	2.5731	2.8363	2.8099	2.7817	1.5222	2.8762	2.8787	2.7081	2.7597	2.6937	2.6169
El Moro	2.6219	2.9552	2.9721	2.8742	3.0593	3.3053	3.2156	1.4497	2.0130	2.6896	2.7559	2.3538
10th Street	0.0792	0.0000	1.6720	2.8996	3.3169	4.4330	3.9715	4.8207	3.6964	2.7650	3.1967	2.8452
SouthBay	4.2114	3.2065	3.5558	3.4961	4.4444	4.3286	4.4228	4.2172	3.7236	4.0762	3.8122	3.2216
SB Upper	0.4270	0.3570	0.3160	0.0780	0.1100	0.1120	0.0770	0.1470	0.2590	0.1010	0.0000	0.0310