



October 31, 2024

San Simeon Community Services District
111 Pico Avenue
San Simeon, CA 93452

**SUBJECT: OCTOBER 2024 MONTHLY FACILITY REPORT FOR THE SAN SIMEON COMMUNITY SERVICES DISTRICT
WASTEWATER TREATMENT PLANT, WATER SYSTEM, AND COLLECTION SYSTEM**

WASTEWATER TREATMENT PLANT

Staff replaced a section of the influent line to the wastewater plant, near the influent flow meter.

Staff performed maintenance on the blowers and replaced the RAS airlift pump lines.

The routine Regional Water Quality Control Board inspection for the facility was conducted with Regional Water Quality Control Board staff on October 7, 2024.

WATER SYSTEM

Staff investigated and made repairs to a service line leak at 540 Pico Avenue.

A permit amendment was submitted to the Water Board for approval to change the status of Well #3 from "Standby" to "Inactive."

COMPLIANCE

Staff compiled the data to complete the monthly Self-Monitoring Report and Discharge Monitoring Report in California Integrated Water Quality System (CIWQS). Once approved, the reports are uploaded into CIWQS and certified by SSCSD Staff.

Sincerely,

FLUID RESOURCE MANAGEMENT



San Simeon CSD Wastewater Treatment Facility

Monthly report due first day of second month
following monitoring period
Annual report due January 30

Month: **OCTOBER 2024**

Date	Influent Flow Total (GPD)	Effluent Flow Total (GPD)	Effluent Monitoring					
			Biweekly Total Coliform	Biweekly Fecal Coliform	Biweekly Enterococcus	Daily Settleable Solids (mL/L)	Daily Chlorine Used (lbs)	Daily Chlorine Residual (mg/L)
1	62,215	63,790	2.0	<1.8	<1.0	<0.1	75.6	0.00
2	51,209	52,450				<0.1	111.4	0.03
3	62,610	65,120	2.0	<1.8	<1.0	<0.1	92.3	0.06
4	50,216	51,710				<0.1	147.2	0.07
5	65,619	52,540				<0.1	147.2	0.04
6	40,627	40,627				<0.1	71.6	0.05
7	67,691	67,691				<0.1	178.5	0.00
8	61,839	68,800	<1.8	<1.8	<1.0	<0.1	136.7	0.10
9	53,758	67,430				<0.1	179.0	0.05
10	42,798	57,940	<1.8	<1.8	<1.0	<0.1	99.5	0.05
11	52,645	58,720				<0.1	187.0	0.00
12	75,277	77,740				<0.1	190.9	0.05
13	37,372	35,470				<0.1	59.7	0.08
14	89,465	81,310				<0.1	199.1	0.00
15	38,881	45,330	2.0	2.0	<1.0	<0.1	87.5	0.05
16	49,540	59,350				<0.1	179.0	0.16
17	45,597	53,440	2.0	<1.8	<1.0	<0.1	99.5	0.11
18	55,081	53,750				<0.1	139.2	0.15
19	72,154	66,710				<0.1	119.3	0.07
20	47,677	37,330				<0.1	59.7	0.03
21	59,930	59,930				<0.1	152.6	0.03
22	35,400	35,400	<1.8	<1.8	<1.0	<0.1	43.8	0.02
23	49,660	49,660				<0.1	139.2	0.08
24	39,717	41,420	2.0	<1.8	<1.0	<0.1	59.7	0.14
25	46,809	46,860				<0.1	147.2	0.11
26	42,034	42,034				<0.1	91.5	0.04
27	38,447	38,447				<0.1	39.8	0.06
28	66,254	66,254				<0.1	138.4	0.04
29	43,326	39,440					71.6	0.03
30	43,717	43,717					35.8	0.05
31	46,408	46,408					119.34	0.03
Min	35,400	35,400	<1.8	<1.8	<1.0	<0.1	35.8	0.00
Mean	52,708.8	53,768.3	<1.8	<1.8	<1.0	<0.1	116.1	0.06
Max	89,465	81,310	2.0	2.0	<1.0	<0.1	199.1	0.16
Total	1,633,973	1,666,818						

Effluent average dry weather flow NTE a monthly average of 0.2 MGD.

Effluent and Influent Monitoring

Date	Monthly Effluent BOD (24 HC)	Monthly Effluent TSS (24 HC)	Monthly Influent BOD (24 HC)	Monthly Influent TSS (24 HC)
10/8/24	<4.0	<5.0	240	180
BOD Removal: 100.0%		TSS Removal: 100.0%		

Effluent Monitoring

Date	Weekly Dissolved Oxygen (Grab)	Weekly Turbidity (Grab)	Weekly pH (Grab)	Weekly Temp °F (Grab)
10/3/24	8.2	4.5	7.23	72
10/8/24	8.9	3.6	7.15	73
10/17/24	9.2	2.2	7.20	71.6
10/24/24	6.3	1.4	7.29	69.1
Min	6.3	1.4	7.15	69.1
Mean	8.2	2.9	7.22	71.4
Max	9.2	4.5	7.29	73

Influent Brine Received

Date	Volume (Gallons)
N/A	N/A

Sludge Removal

Date	Gallons
10/7/24	4,800

Semi-Annual Effluent Oil & Grease

Date	Result (mg/L)
1/9/24	<5.0
7/15/24	1.9 DNQ

Effluent Limits

Parameter	Units	Monthly Avg	Weekly Avg	Daily Max
BOD	mg/L	30	45	90
Suspended Solids	mg/L	30	45	90
Oil and Grease	mg/L	25	40	75
Turbidity	NTU	75	100	225
Total Coliform	MPN/100 mL	30 Day Geometric Mean: 230		
		Daily Maximum: 2,400		
Chlorine Residual	mg/L	6 Month Median: 0.23		0.93
		Instantaneous Maximum: 6.9		
pH	pH units	Between 6.0 - 9.0		
Settleable Solids	mL/L	1.0	1.5	3.0
BOD/TSS Removal	%	≥ 85%	***	***

I certify under penalty of perjury that the foregoing is true and accurate and that the sampling procedure and analysis used are as specified in the Waste Discharge Order for this facility.

SIGNATURE: _____

DATE: _____

PRINTED NAME: _____

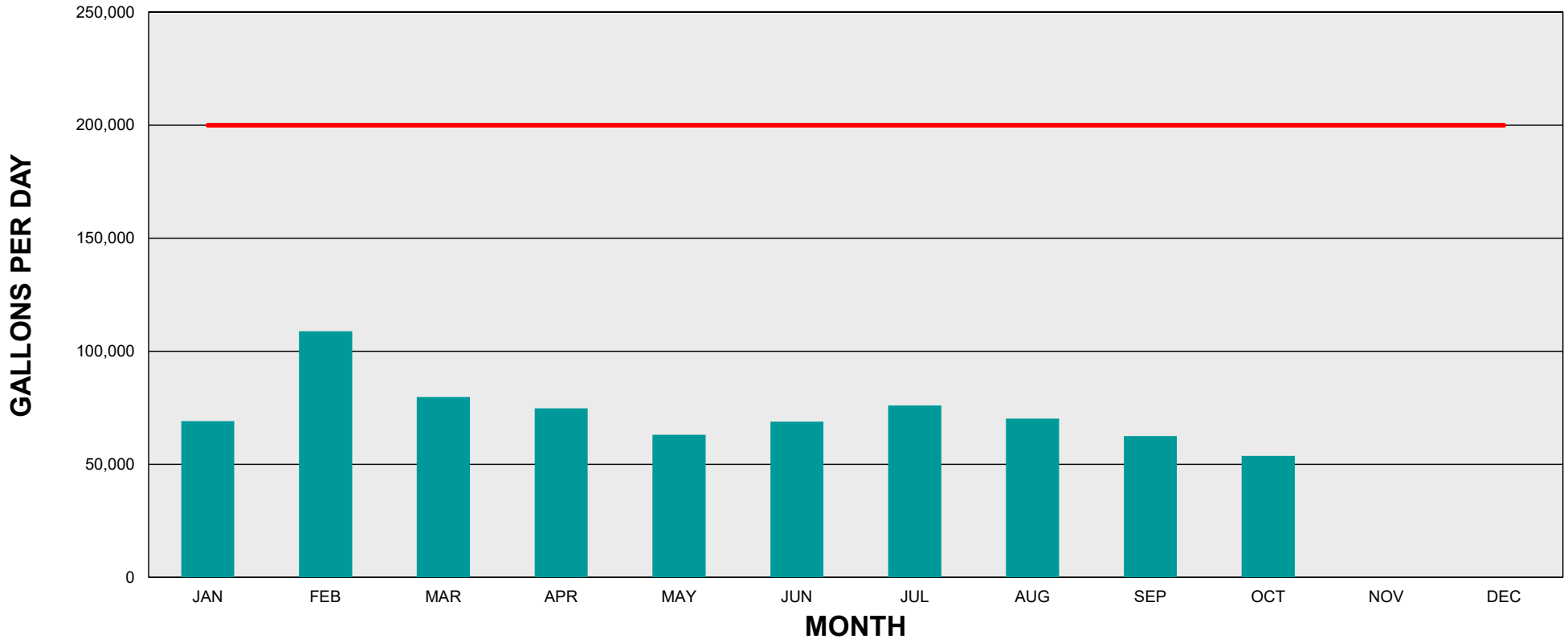
TITLE: _____

SAN SIMEON CSD AVERAGE DAILY EFFLUENT FLOW

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
EFFLUENT DRY WEATHER AVERAGE DAILY FLOW LIMIT	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
2024	69,123	108,920	79,757	74,812	63,117	68,885	76,021	70,269	62,465	53,768		

SSCSD AVERAGE DAILY WWTP EFFLUENT FLOW

■ 2024
 — EFFLUENT DRY WEATHER AVERAGE DAILY FLOW LIMIT

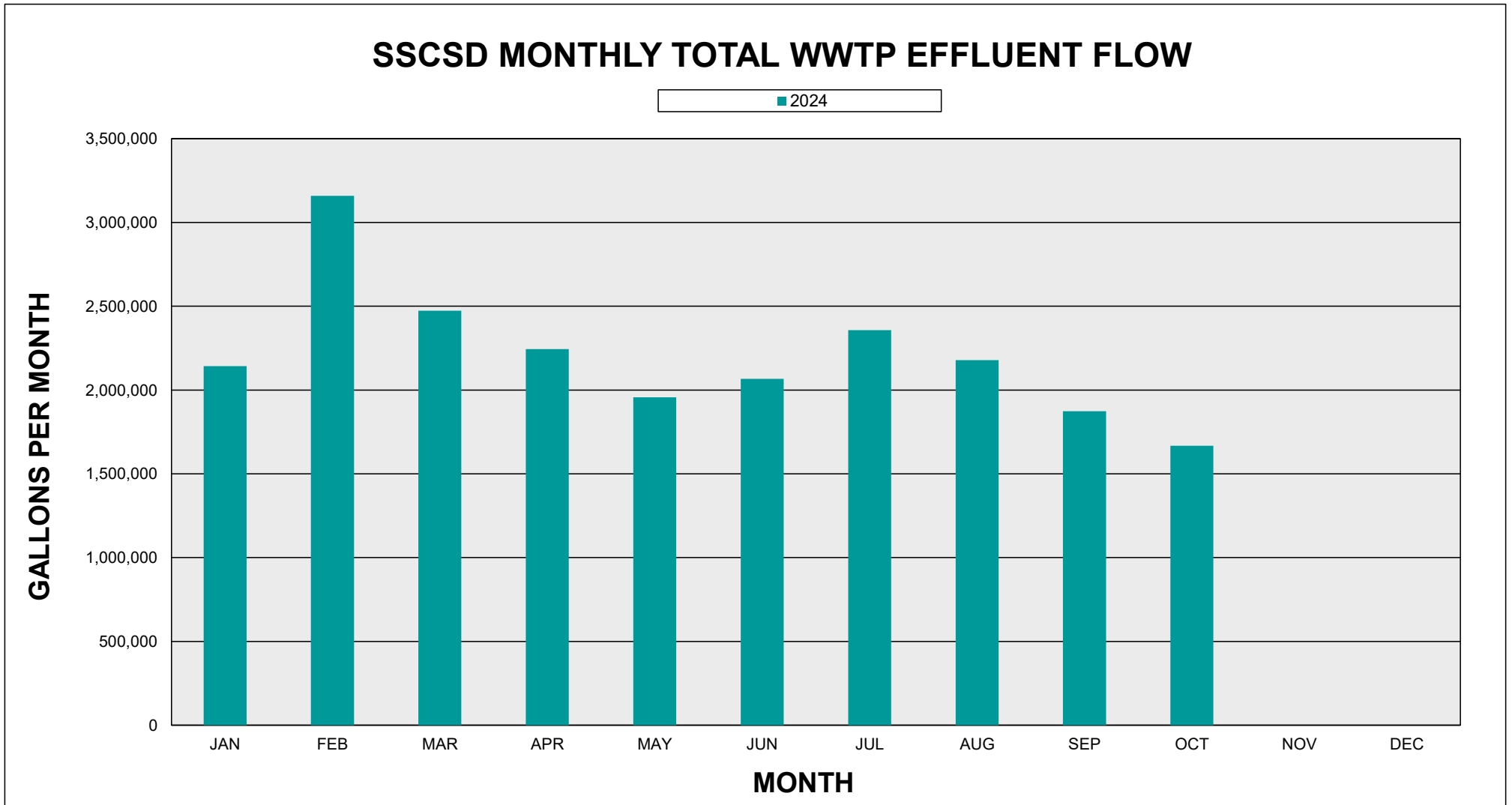


Data for October 2024 is current up to 10/31, and is subject to change for future reporting.

SAN SIMEON CSD MONTHLY TOTAL EFFLUENT FLOW

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2024	2,142,810	3,158,680	2,472,480	2,244,350	1,956,640	2,066,560	2,356,660	2,178,350	1,873,940	1,666,818		

SSCSD MONTHLY TOTAL WWTP EFFLUENT FLOW

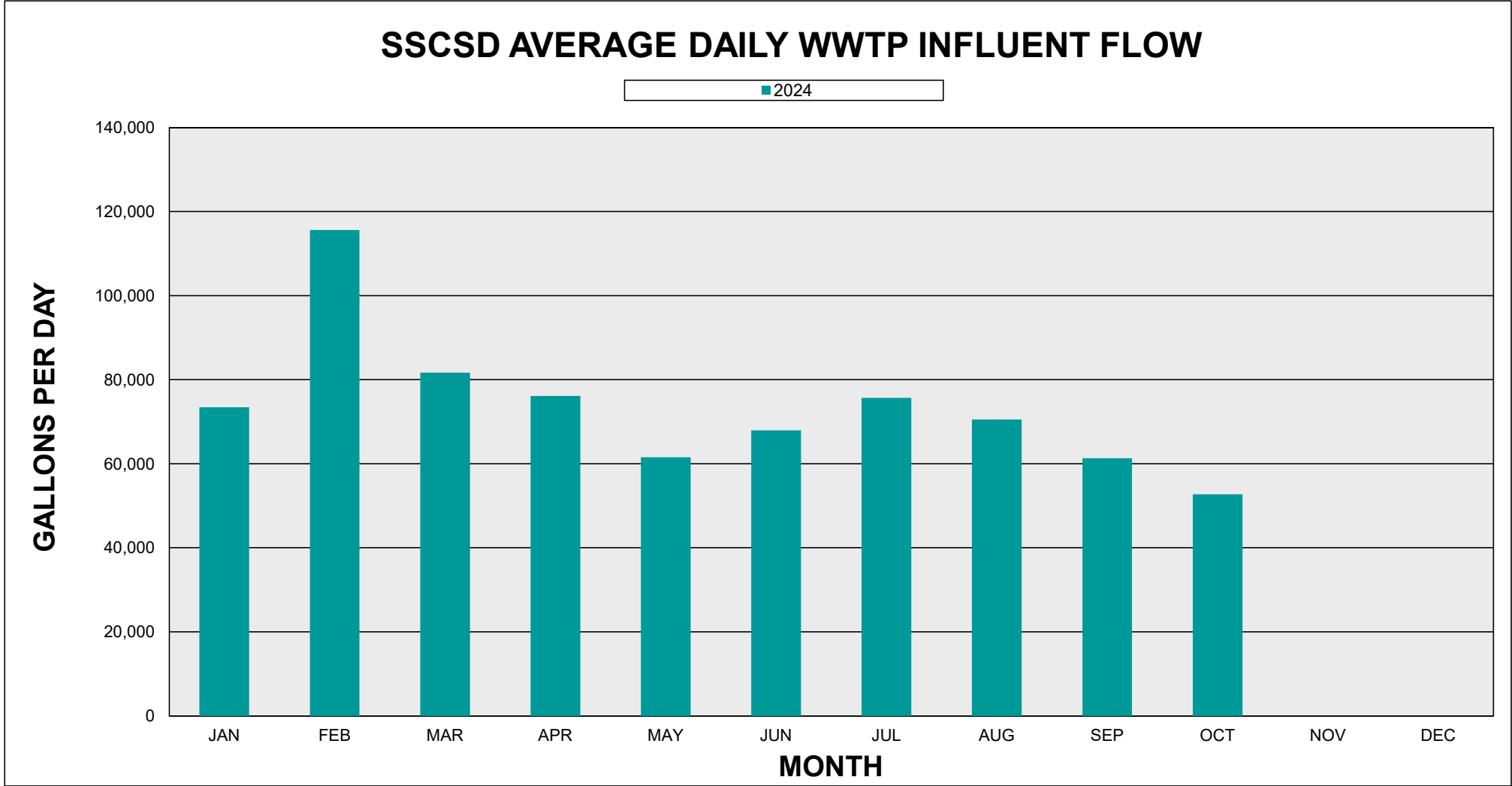


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SAN SIMEON CSD AVERAGE DAILY INFLUENT FLOW

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2024	73,426	115,645	81,673	76,105	61,541	67,958	75,673	70,547	61,328	52,709		

SSCSD AVERAGE DAILY WWTP INFLUENT FLOW

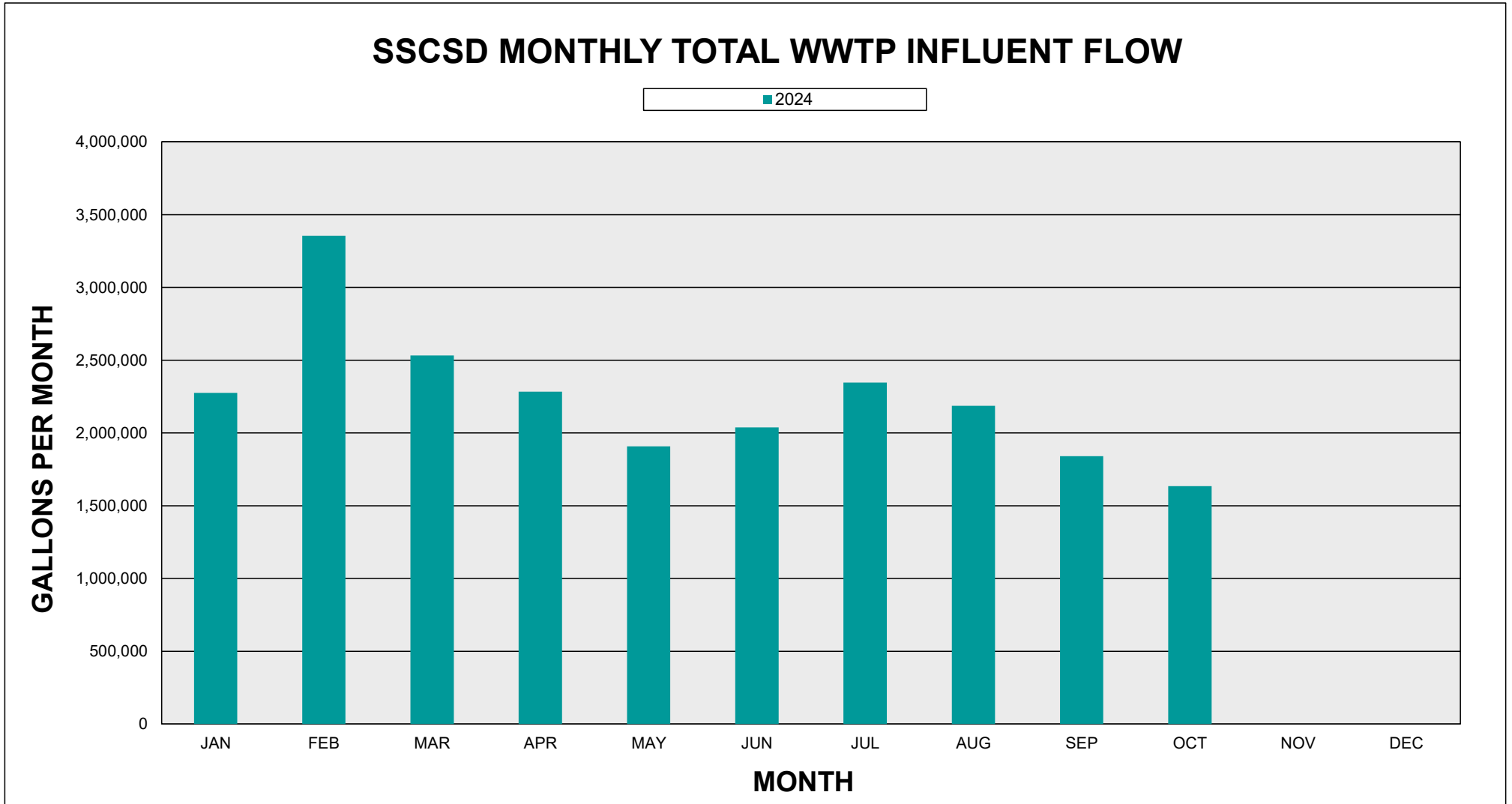


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SAN SIMEON CSD MONTHLY TOTAL INFLUENT FLOW

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2024	2,276,191	3,353,693	2,531,854	2,283,155	1,907,760	2,038,747	2,345,876	2,186,946	1,839,831	1,633,973		

SSCSD MONTHLY TOTAL WWTP INFLUENT FLOW



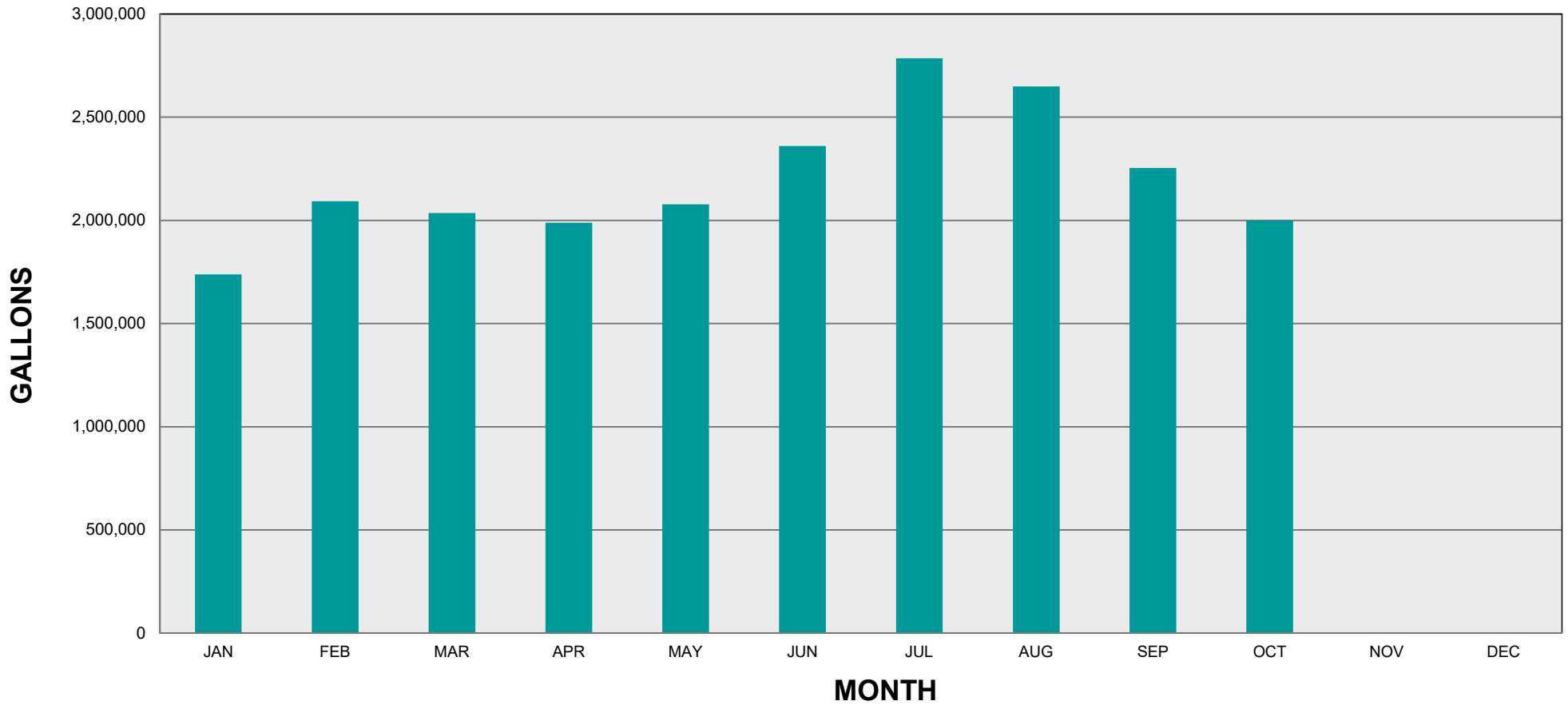
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SAN SIMEON CSD TREATED WATER PRODUCED

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2024	1,737,454	2,092,680	2,035,383	1,988,184	2,078,094	2,360,015	2,784,954	2,648,144	2,253,051	1,999,404		

SSCSD TREATED WATER PRODUCED

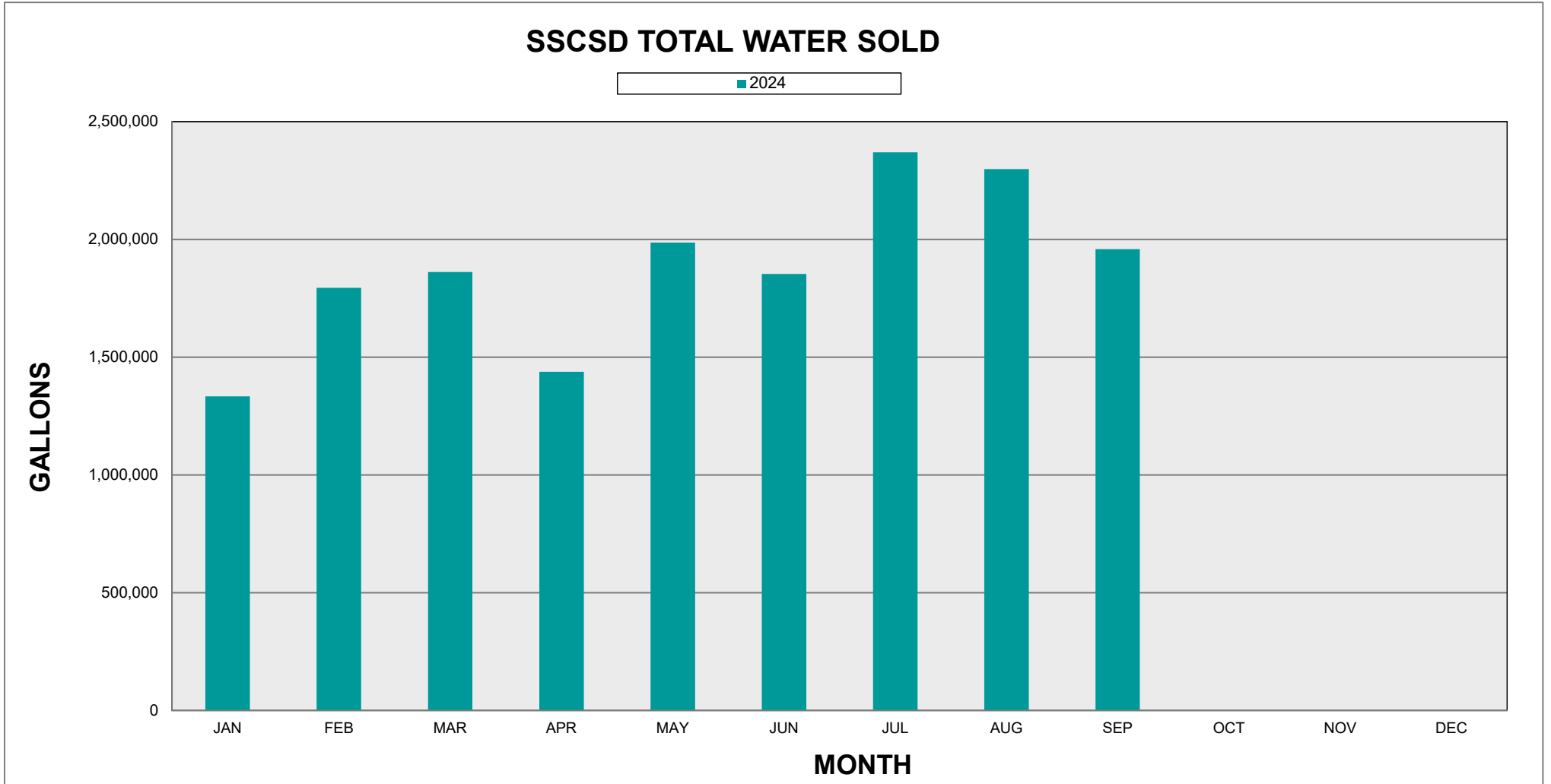
■ 2024



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SAN SIMEON CSD TOTAL WATER SOLD (GALLONS)

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2024	1,333,721	1,793,929	1,861,122	1,437,461	1,985,933	1,852,901	2,368,923	2,297,550	1,957,965			



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SAN SIMEON CSD WASTEWATER TREATMENT PLANT WATER USED (GALLONS)

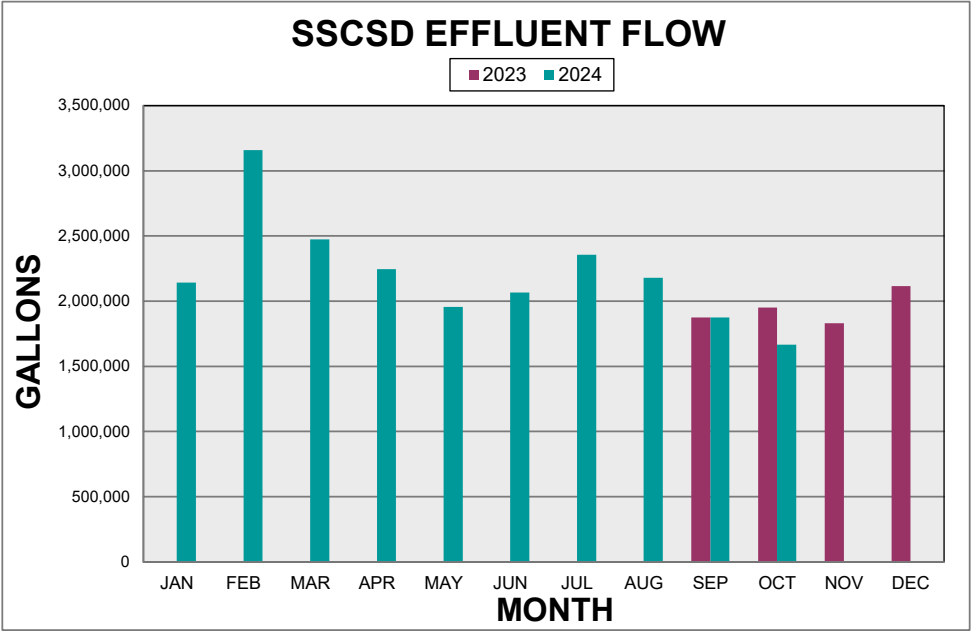
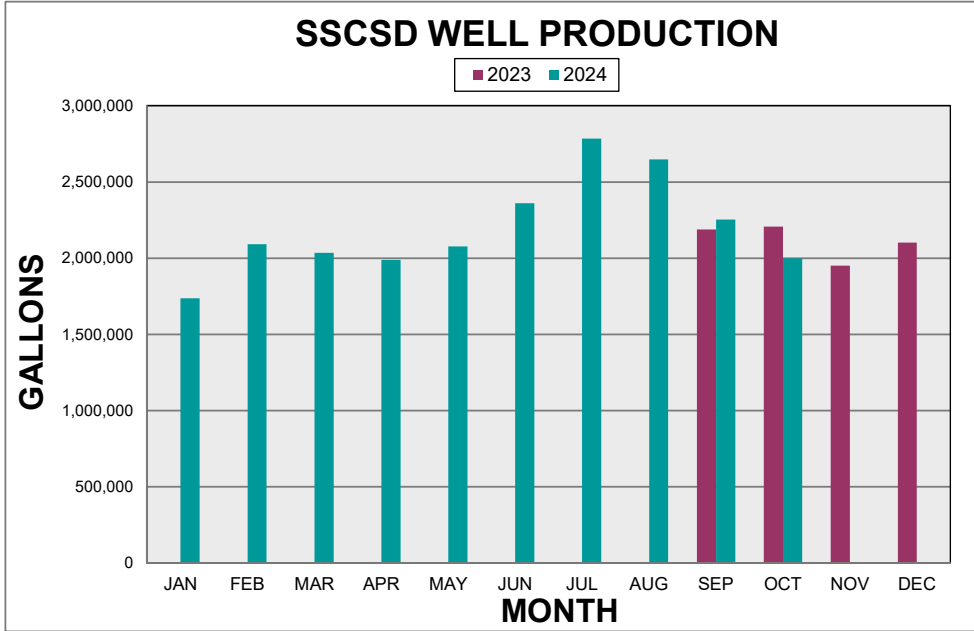
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2024	---	---	---	---	---	---	---	---	---	14,519		



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SAN SIMEON CSD PRODUCTION DATA

2023	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
WELL PRODUCTION (GAL)	---	---	---	---	---	---	---	---	2,187,977	2,207,872	1,951,981	2,103,226
TOTAL EFFLUENT FLOW (GAL)	---	---	---	---	---	---	---	---	1,873,570	1,951,950	1,830,260	2,114,900
2024	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
WELL PRODUCTION (GAL)	1,737,454	2,092,680	2,035,383	1,988,184	2,078,094	2,360,015	2,784,954	2,648,144	2,253,051	1,999,404		
TOTAL EFFLUENT FLOW (GAL)	2,142,810	3,158,680	2,472,480	2,244,350	1,956,640	2,066,560	2,356,660	2,178,350	1,873,940	1,666,818		



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