



July 8, 2024

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

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

WASTEWATER TREATMENT PLANT

A coolant leak at the emergency back-up generator at the wastewater treatment plant was repaired. The back-up generator provides power and continued wastewater services to the community in the event of a power outage.

WATER SYSTEM

The isolation valve at the chlorine injection point was repaired due to routine wear and tear. The isolation valve allows the chlorine injection system to be maintained without introducing potential contamination to the distribution system.

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: JUNE 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	55,256	64,640				<0.1	103.4	0.04
2	66,657	59,110				<0.1	99.5	0.06
3	70,260	71,010				<0.1	107.4	0.05
4	70,530	65,400	<2	<2	<1	<0.1	103.4	0.02
5	47,357	54,360				<0.1	134.4	0.00
6	48,923	51,390	<2	<2	<1	<0.1	85.7	0.02
7	58,880	60,180				<0.1	99.5	0.03
8	71,331	73,620				<0.1	139.2	0.02
9	58,967	59,150				<0.1	99.5	0.05
10	69,986	69,980				<0.1	155.1	0.00
11	80,179	83,590	2	<2	1	<0.1	127.7	0.07
12	59,686	59,000				<0.1	143.2	0.08
13	46,597	50,230	<2	<2	<1	<0.1	103.4	0.02
14	69,025	66,870				<0.1	118.5	0.02
15	62,694	66,970				<0.1	91.5	0.05
16	78,084	79,270				<0.1	111.4	0.04
17	82,791	82,510				<0.1	179.0	0.05
18	81,729	81,690	<2	<2	<1	<0.1	108.1	0.11
19	69,614	69,800				<0.1	132.0	0.08
20	64,171	70,880	<2	<2	<1	<0.1	103.4	0.07
21	59,566	56,680				<0.1	93.4	0.02
22	98,738	97,750				<0.1	143.2	0.03
23	55,051	55,380				<0.1	59.7	0.04
24	89,677	89,360				<0.1	168.8	0.05
25	74,718	77,100	<2	<2	<1	<0.1	111.4	0.05
26	59,806	60,030				<0.1	108.1	0.01
27	67,736	74,930	<2	<2	<1	<0.1	135.3	0.05
28	58,468	55,920				<0.1	78.7	0.07
29	74,233	89,940				<0.1	159.1	0.02
30	88,037	69,820				<0.1	159.1	0.12
31								
Min	46,597	50,230	<2	<2	<1	<0.1	59.7	0.00
Mean	67,958.2	68,885.3	<2	<2	<1	<0.1	118.7	0.04
Max	98,738	97,750	2	<2	1	<0.1	179.0	0.12
Total	2,038,747	2,066,560	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)
6/6/24	<3	<2	173	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)
6/6/24	8.35	2.67	6.8	72.1
6/13/24	4.82	3.59	7.1	72.7
6/20/24	7.88	3.35	7.3	71.3
6/27/24	9.59	3.21	7.3	73.6
Min	4.82	2.67	6.8	71.3
Mean	7.66	3.21	7.1	72.4
Max	9.59	3.59	7.3	73.6

Influent Brine Received

Date	Volume (Gallons)
N/A	N/A

Sludge Removal

Date	Gallons
6/12/24	4,800

Semi-Annual Effluent Oil & Grease

Date	Result (mg/L)
1/9/24	<5.0
July	---

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: _____

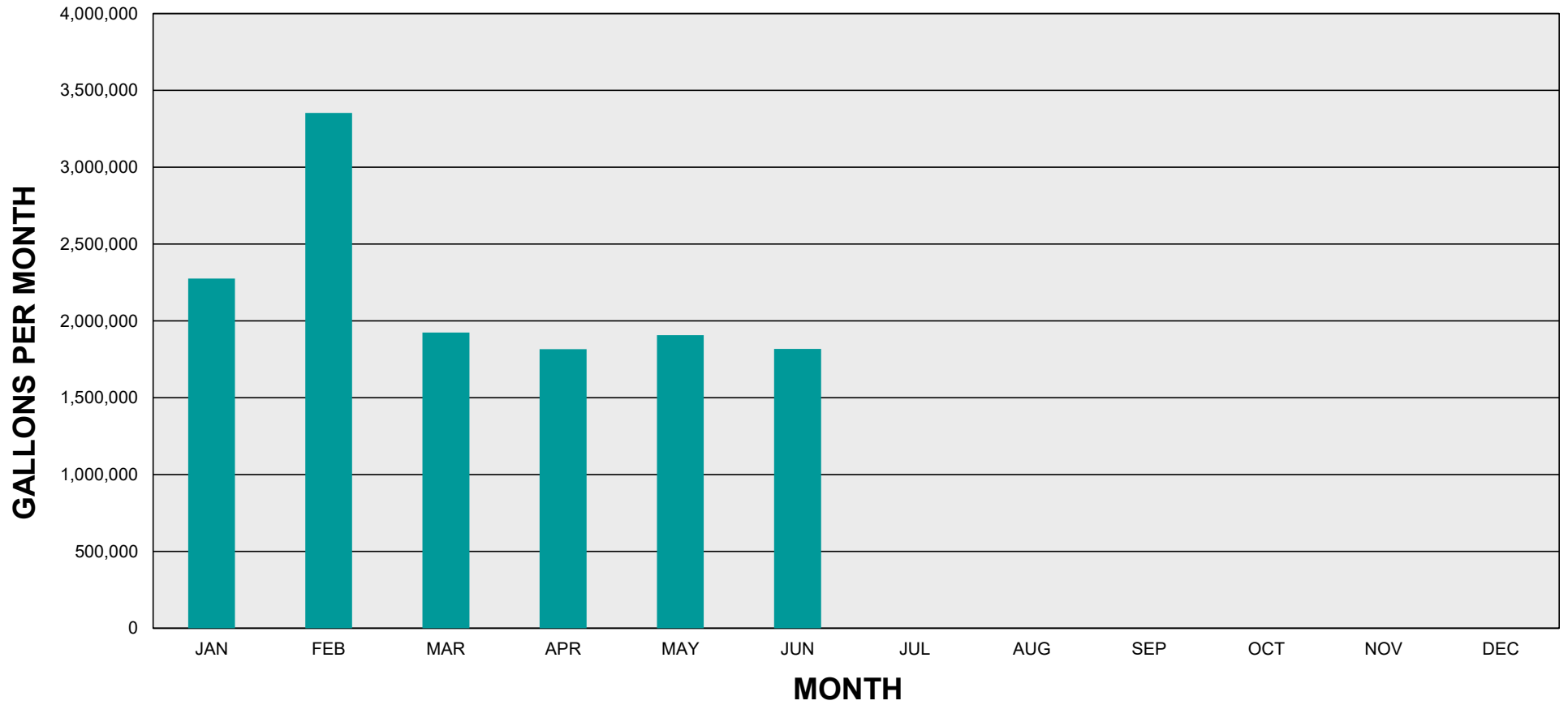
DATE: _____

PRINTED NAME: _____

TITLE: _____

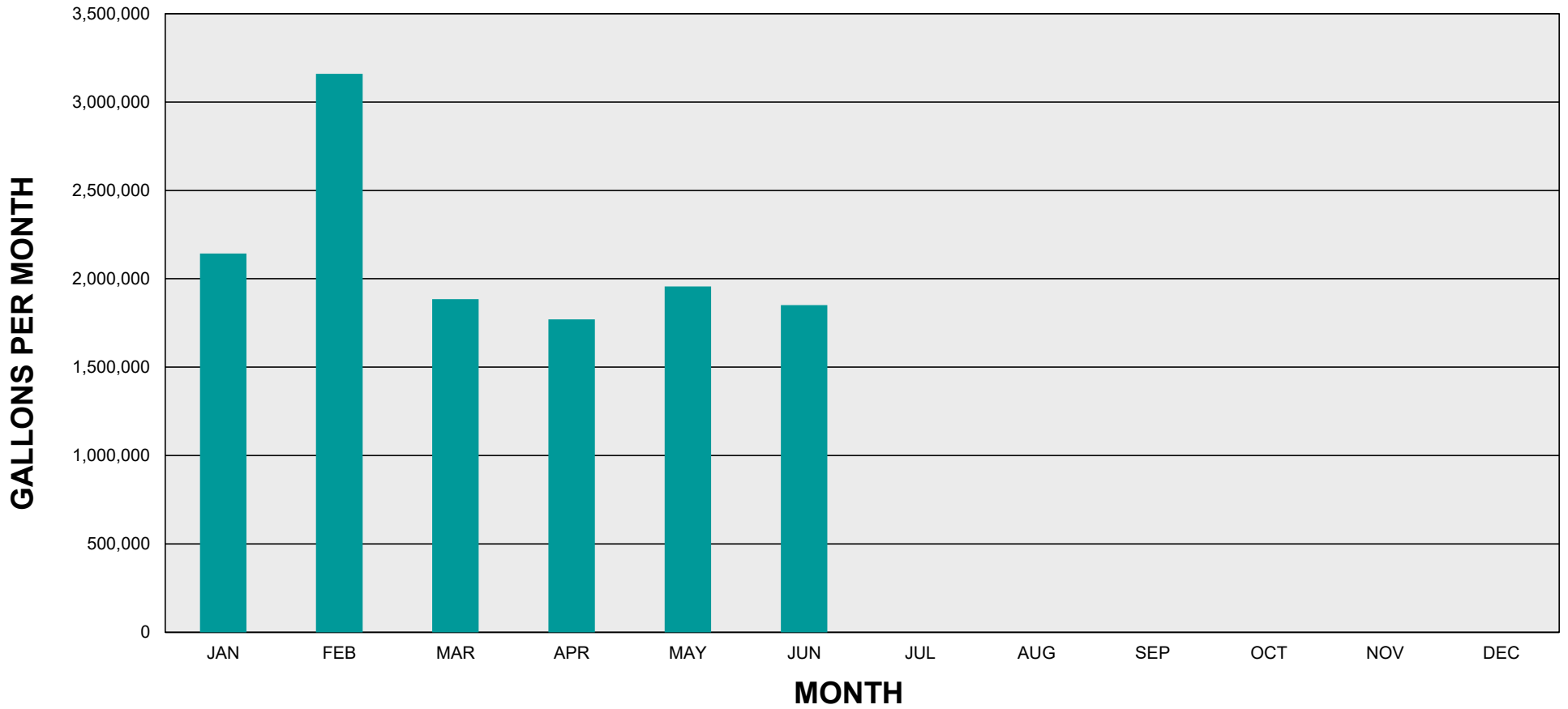
SSCSD MONTHLY TOTAL WWTP INFLUENT FLOW

2024



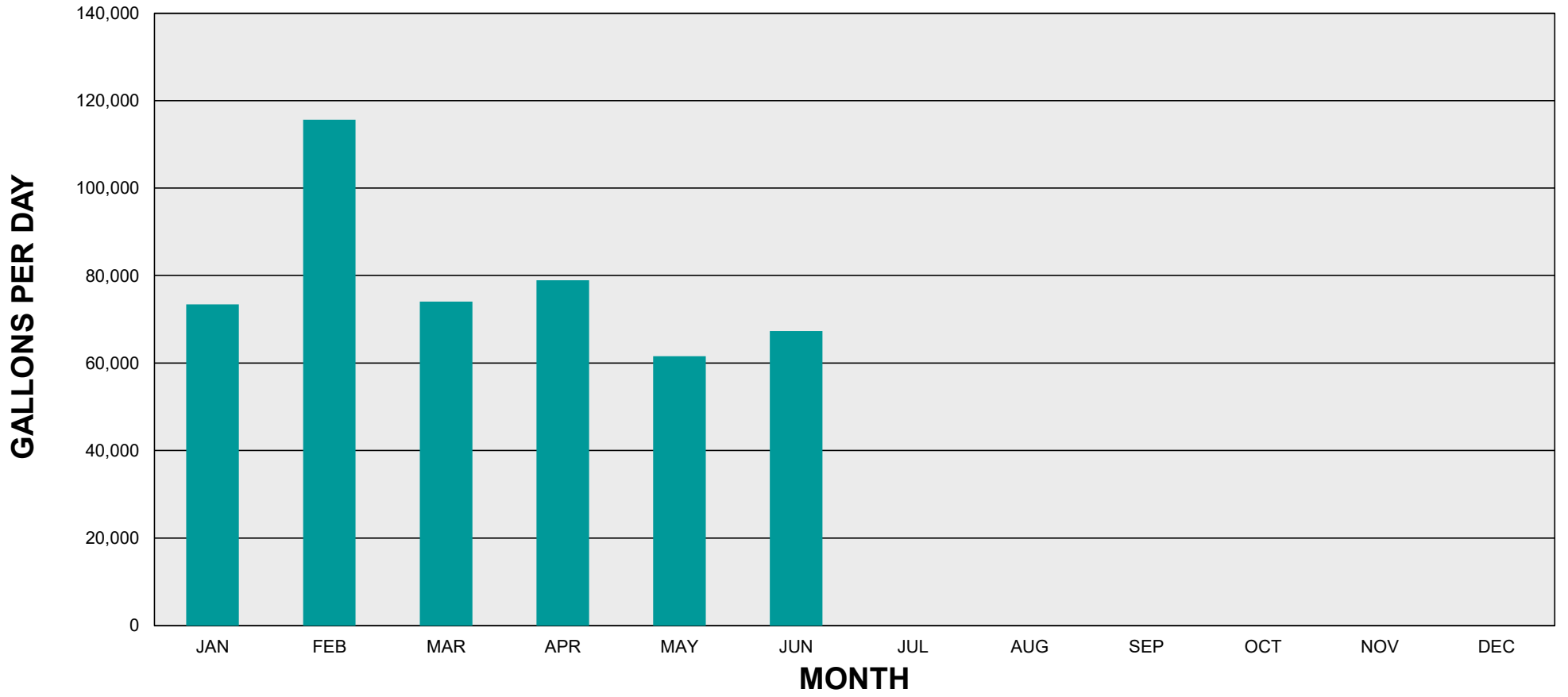
SSCSD MONTHLY TOTAL WWTP EFFLUENT FLOW

2024



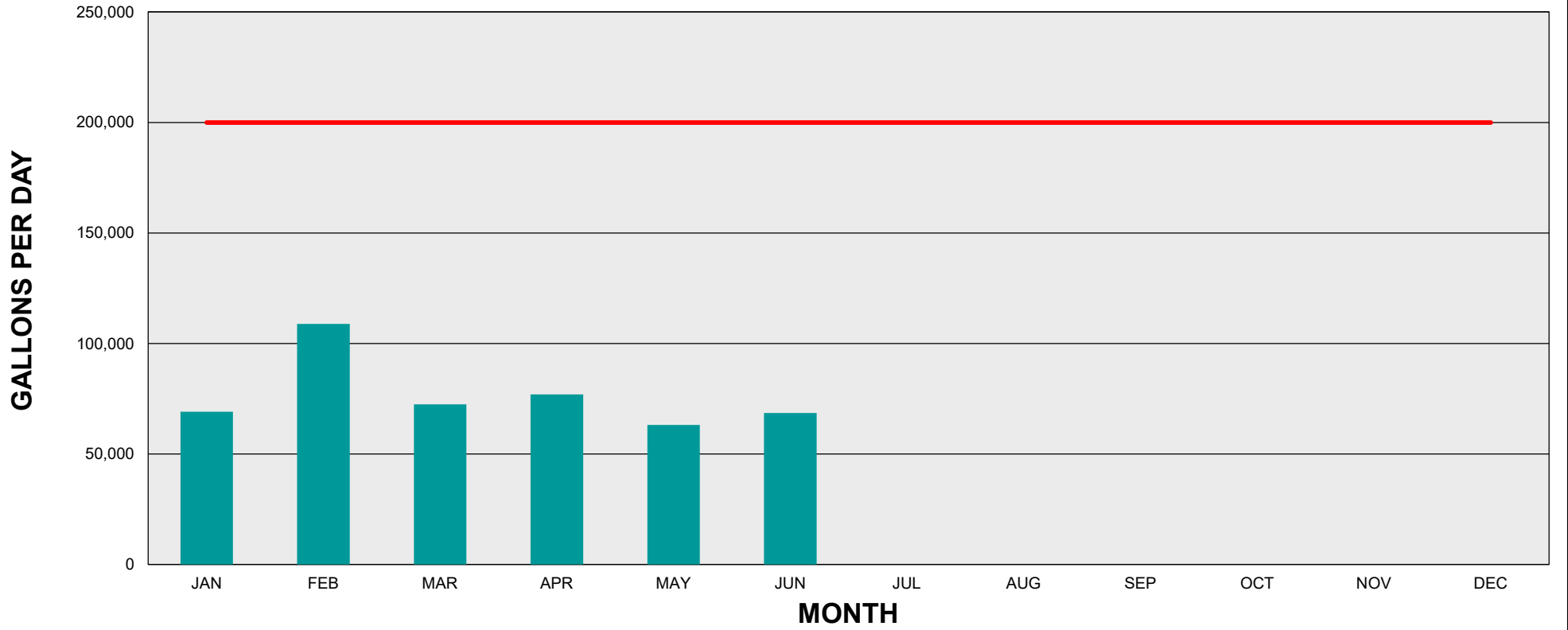
SSCSD AVERAGE DAILY WWTP INFLUENT FLOW

2024



SSCSD AVERAGE DAILY WWTP EFFLUENT FLOW

2024 EFFLUENT DRY WEATHER AVERAGE DAILY FLOW LIMIT



SSCSD TREATED WATER PRODUCED

2024

