

Exhibit 4.5 Monthly Wastewater Treatment Volumes 2021 and 2022

San Simeon Community Services District

Superintendent's Report

December 2022

DATA SUMMARY SHEET

	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total for 2022
Wastewater Influent	1,571,222	1,389,949	1,589,863	1,719,101	1,798,328	2,016,224	2,377,922	2,144,776	1,831,090	1,703,468	1,749,106	2,260,766	22,151,815
Wastewater Final Effluent (Month Cycle)	1,649,170	1,498,768	1,725,410	1,871,010	1,996,900	2,172,360	2,440,050	2,149,140	1,989,820	1,877,540	1,939,200	2,434,660	23,744,028
Adjusted Wastewater Influent (- State Flow)	1,522,839	1,356,607	1,549,685	1,690,058	1,608,515	1,780,084	2,203,484	2,090,258	1,774,814	1,650,919	1,700,028	2,159,699	21,086,990
Water Produced (month cycle)	1,683,299	1,654,800	1,924,903	2,059,394	2,175,259	2,390,458	2,811,134	2,445,960	2,414,544	2,119,832	2,071,137	1,905,829	25,656,550
Sewer Influent/Water Produced Ratio	0.93	0.84	0.83	0.84	0.83	0.84	0.85	0.88	0.76	0.80	0.84	1.19	N/A
Adjusted Sewer/Water Produced Ratio	0.91	0.82	0.81	0.82	0.74	0.74	0.78	0.85	0.74	0.78	0.82	1.13	N/A
Well 1 Water Production	798,864	892,663	1,308,402	1,210,189	1,818,687	2,225,599	2,698,709	2,221,111	2,332,713	1,035,008	885,707	386,417	17,814,069
Well 2 Water Production	884,435	762,137	616,502	849,204	356,572	164,859	112,424	224,849	81,831	1,084,824	1,185,430	1,519,412	7,842,481
Total Well Production	1,683,299	1,654,800	1,924,903	2,059,394	2,175,259	2,390,458	2,811,134	2,445,960	2,414,544	2,119,832	2,071,137	1,905,829	25,656,550
Water Well 1 Avg Depth to Water	9.8	9.8	9.7	9.8	9.6	10.1	11.1	12.4	13.1	13.7	13.9	10.3	N/A
Water Well 2 Avg Depth to Water	9.4	9.5	9.4	9.5	9.3	9.9	10.9	12.2	12.9	13.4	13.6	9.8	N/A
Average Depth to Water of Both Wells	9.6	9.7	9.5	9.7	9.4	10.0	11.0	12.3	13.0	13.5	13.7	10.1	N/A
Change in Average Depth to Water from 2021	-0.9	0.0	-0.2	-0.3	-0.7	-0.5	+1.1	+1.9	+1.7	+0.8	+3.1	+0.4	N/A
Average Chloride mg/L at the Wells	<30	36	35	32	<30	<30	<30	<30	39	115	251	158	N/A
State Wastewater Treated	48,383	33,342	40,178	29,043	189,813	236,140	174,439	54,518	56,276	52,549	49,078	101,067	1,064,825
State % of Total WW Flow	3%	2%	3%	3%	11%	12%	7%	3%	3%	3%	3%	4%	5%
Recycled Water Sold (Gallons)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biosolids Removal (Gallons)	0	4,500	4,500	0	4,500	9,000	13,500	0	4,500	4,500	4,500	0	49,500
WW Permit Limitation Exceeded	0	0	0	0	0	0	0	0	0	0	0	0	0
RW Permit Limitation Exceeded	0	0	0	0	0	0	0	0	0	0	0	0	0
Constituent Exceeded	None	None	None	None	None	None	None	None	None	None	None	None	None
Sample Limit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sample Result	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total for 2021
Wastewater Influent	2,399,103	1,705,622	1,820,175	1,763,875	1,619,717	1,901,547	2,158,434	1,943,680	1,675,426	1,703,610	1,507,913	2,546,220	22,745,322
Wastewater Final Effluent (Month Cycle)	2,546,130	1,747,000	1,874,290	1,827,000	1,826,280	2,057,550	2,281,620	1,997,150	1,837,180	1,801,220	1,613,060	2,699,710	24,108,190
Adjusted Wastewater Influent(- State Flow) *	2,148,485	1,645,420	1,765,245	1,705,967	1,552,211	1,825,611	2,078,540	1,854,274	1,603,573	1,644,544	1,471,062	2,368,128	21,663,060
Water Produced (month cycle)	1,851,150	1,682,402	1,907,250	2,114,147	2,080,786	2,385,297	2,699,083	2,171,145	2,100,384	1,955,870	1,743,588	1,887,877	24,578,981
Sewer Influent/Water Produced Ratio	1.30	1.05	0.95	0.83	0.78	0.80	0.88	0.92	0.80	0.87	0.87	1.35	N/A
Adjusted Sewer/Water Ratio	1.16	0.95	0.93	0.81	0.75	0.77	0.85	0.90	0.78	0.84	0.84	1.25	N/A
Average Depth of Both Wells	10.5	9.7	9.7	10.0	10.1	10.5	9.9	10.4	11.3	12.7	10.6	9.7	N/A
Change in Average Depth to Water from 2020	-0.2	0.4	0.3	0.0	0.3	-0.3	0.0	0.0	0.0	-0.5	2.2	2.8	N/A
Average Chloride mg/L at the Wells	352	169	77	41	31	30	-	-	-	<30	41	37	N/A
State Wastewater Treated	250,618	60,202	125,914	57,908	67,506	75,936	79,894	89,406	71,853	59,066	36,851	178,092	1,153,246
State % of Total WW Flow	10%	4%	7%	3%	4%	4%	4%	5%	4%	3%	2%	7%	5%
Recycled Water Sold (Gallons)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biosolids Removal (Gallons)	0	4,500	0	4,500	9,000	4,500	9,000	0	4,500	22,500	0	0	58,500
WW Permit Limitation Exceeded	0	0	0	0	0	0	0	0	0	0	0	0	0
RW Permit Limitation Exceeded	0	0	0	0	0	0	0	0	0	0	0	0	0
Constituent Exceeded	None	None	None	None	None	None	None	None	None	None	None	None	None
Sample Limit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sample Result	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A