

CALSMA LAGOON STORAGE - FEBRUARY 29, 2016

Lagoon	Total Capacity		Empty Lagoon Depth @ DOB (feet)	Avg. Storage per foot (mil Gal)	Present Storage Depth @ DOB (feet)	Storage Depth Remaining @ DOB (feet)	Used Storage Volume* (mil Gal)	Storage Volume Remaining (mil Gal)	Present Lagoon Input Dry Tons
	(Cu. Yd)	(mil Gal)							
1	105,000	21.3	16.7	1.275	0.00	16.7	0.0	21.3	0
2	110,000	22.3	17.0	1.312	1.00	16.0	1.3	21.0	855
3	101,000	20.3	18.3	1.109	14.30	4.0	15.9	4.4	5,006
4	101,000	20.5	18.5	1.108	16.20	2.3	18.0	2.5	4,559
5	120,000	24.2	15.3	1.582	0.00	15.3	0.0	24.2	0
6	138,000	27.8	16.8	1.655	4.50	12.3	7.4	20.4	4,295
7	183,000	37.0	17.3	2.139	2.50	14.8	5.3	31.7	6,100
8	250,000	50.4	16.0	3.150	14.60	1.4	46.0	4.4	12,670
14	133,000	26.8	19.0	1.411	15.00	4.0	21.2	5.6	6,329
15	121,000	24.5	19.8	1.237	0.00	19.8	0.0	24.5	0
17	204,000	41.3	19.3	2.140	6.50	12.8	13.9	27.4	1,985
18	210,000	42.4	19.9	2.131	0.00	19.9	0.0	42.4	1,212
19	199,000	40.2	19.9	2.020	6.20	13.7	12.5	27.7	8,591
Total	1,976,000	399					141.5	257	51,602

* Used storage volume for CALSMA lagoons is based on the depth measurement at the DOB,
Used storage volume=Depth remaining*Avg. storage per foot.

Approximate number of days for emergency low-solids capacity @ 3%TS: 379 days
 Approximate number of days for emergency low-solids capacity @ 6%TS: 757 days
 Approximate number of days for emergency low-solids capacity @ 9%TS: 1136 days

Average daily digester discharge 2007 to 2014 = 0.68mgd