

CALSMA LAGOON STORAGE - JULY 31, 2013

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	15.20	1.5	19.4	1.9	4,020
2	110,000	22.3	17.0	1.312	9.00	8.0	11.8	10.5	4,994
3	101,000	20.3	18.3	1.109	0.00	18.3	0.0	20.3	0
4	101,000	20.5	18.5	1.108	0.00	18.5	0.0	20.5	0
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	15.50	1.3	25.6	2.2	7,786
7	183,000	37.0	17.3	2.139	13.00	4.3	27.8	9.2	8,636
8	250,000	50.4	16.0	3.150	0.00	16.0	0.0	50.4	0
14	133,000	26.8	19.0	1.411	11.60	7.4	16.4	10.4	5,167
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	0.00	19.3	0.0	41.3	0
18	210,000	42.4	19.9	2.131	9.60	10.3	20.5	21.9	4,544
19	199,000	40.2	19.9	2.020	5.60	14.3	11.3	28.9	3,974
Total	1,976,000	399					132.8	266	39,121

* 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: 365 days
 Approximate number of days for emergency low-solids capacity @ 6%TS: 729 days
 Approximate number of days for emergency low-solids capacity @ 9%TS: 1094 days

Average daily digester discharge 2006 to 2011 = 0.73mgd