

CALSMA LAGOON STORAGE - APRIL 30, 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	15.50	1.2	19.8	1.5	3,500
2	110,000	22.3	17.0	1.312	10.70	6.3	14.0	8.3	5,575
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	13.80	3.0	22.8	5.0	6,888
7	183,000	37.0	17.3	2.139	5.20	12.1	11.1	25.9	5,757
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	1.50	17.8	3.2	38.1	2,921
18	210,000	42.4	19.9	2.131	9.60	10.3	20.5	21.9	3,249
19	199,000	40.2	19.9	2.020	15.60	4.3	31.5	8.7	9,874
Total	1,976,000	399					139.3	260	42,931

* 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: 356 days
 Approximate number of days for emergency low-solids capacity @ 6%TS: 712 days
 Approximate number of days for emergency low-solids capacity @ 9%TS: 1067 days

Average daily digester discharge 2006 to 2011 = 0.73mgd