

CALSMA LAGOON STORAGE - NOVEMBER 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	7.40	9.3	9.4	11.9	2,002
2	110,000	22.3	17.0	1.312	0.60	16.4	0.8	21.5	438
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	13.60	3.2	22.5	5.3	7,786
7	183,000	37.0	17.3	2.139	15.00	2.3	32.1	4.9	10,768
8	250,000	50.4	16.0	3.150	0.10	15.9	0.3	50.1	864
14	133,000	26.8	19.0	1.411	11.60	7.4	16.4	10.4	2,372
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	8.80	10.5	18.8	22.5	4,002
18	210,000	42.4	19.9	2.131	10.60	9.3	22.6	19.8	5,519
19	199,000	40.2	19.9	2.020	2.50	17.4	5.1	35.1	1,246
Total	1,976,000	399					128.0	271	34,997

* 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: 371 days
 Approximate number of days for emergency low-solids capacity @ 6%TS: 743 days
 Approximate number of days for emergency low-solids capacity @ 9%TS: 1114 days

Average daily digester discharge 2006 to 2011 = 0.73mgd