

CALSMA LAGOON STORAGE - JANUARY 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	12.40	4.3	15.8	5.5	2,575
2	110,000	22.3	17.0	1.312	11.20	5.8	14.7	7.6	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	10.60	6.2	17.5	10.3	5,215
7	183,000	37.0	17.3	2.139	1.05	16.3	2.2	34.8	4,654
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	14.30	4.7	20.2	6.6	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	5.30	14.0	13.0	28.3	5,297
18	210,000	42.4	19.9	2.131	5.90	14.0	12.6	29.8	2,164
19	199,000	40.2	19.9	2.020	17.50	2.4	35.4	4.8	9,874
Total	1,976,000	399					131.4	268	40,521

* 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: 367 days
 Approximate number of days for emergency low-solids capacity @ 6%TS: 733 days
 Approximate number of days for emergency low-solids capacity @ 9%TS: 1100 days

Average daily digester discharge 2006 to 2011 = 0.73mgd