

CALSMA LAGOON STORAGE - FEBRUARY 28, 2017

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	15.60	1.1	19.9	1.4	4,372
2	110,000	22.3	17.0	1.312	0.30	16.7	0.4	21.9	855
3	101,000	20.3	18.3	1.109	11.00	7.3	12.2	8.1	5,006
4	101,000	20.5	18.5	1.108	12.70	5.8	14.1	6.4	4,559
5	120,000	24.2	15.3	1.582	0.00	15.3	0.0	24.2	1,612
6	138,000	27.8	16.8	1.655	12.70	4.1	21.0	6.8	6,900
7	183,000	37.0	17.3	2.139	2.00	15.3	4.3	32.7	6,100
8	250,000	50.4	16.0	3.150	10.70	5.3	33.7	16.7	13,894
14	133,000	26.8	19.0	1.411	1.00	18.0	1.4	25.4	1,218
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	16.70	2.6	35.7	5.6	6,189
18	210,000	42.4	19.9	2.131	14.80	5.1	31.5	10.9	8,010
19	199,000	40.2	19.9	2.020	7.60	12.3	15.4	24.8	1,642
Total	1,976,000	399					189.6	209	60,358

* 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: 308 days

Approximate number of days for emergency low-solids capacity @ 6%TS: 616 days

Approximate number of days for emergency low-solids capacity @ 9%TS: 924 days

Average daily digester discharge 2007 to 2014 = 0.68mgd