

CALSMA LAGOON STORAGE - JANUARY 31, 2012

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)								
L o w S o l i d s	1	105,000	21.3	16.7	1.275	13.00	3.7	16.6	4.7	5,010
	2	110,000	22.3	17.0	1.312	14.00	3.0	18.4	3.9	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	7.60	9.2	12.6	15.2	4,830
	7	183,000	37.0	17.3	2.139	11.80	5.5	25.2	11.8	9,682
8	Out of Service									
L a g o o n s	14	133,000	26.8	19.0	1.411	0.00	19.0	0.0	26.8	0
	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	8.40	10.9	18.0	23.3	5,297
	18	210,000	42.4	19.9	2.131	9.00	10.9	19.2	23.2	8,309
	19	199,000	40.2	19.9	2.020	8.80	11.1	17.8	22.4	4,825
Total	1,726,000	349					127.7	221	43,528	

* 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: 303 days
 Approximate number of days for emergency low-solids capacity @ 6%TS: 713 days
 Approximate number of days for emergency low-solids capacity @ 9%TS: 1069 days

Average daily digester discharge 2006 to 2011 = 0.73mgd