

CALSMA LAGOON STORAGE - JULY 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 L a g o o n s	1	105,000	21.3	16.7	1.275	8.30	8.4	10.6	10.7	5,010
	2	110,000	22.3	17.0	1.312	10.75	6.3	14.1	8.2	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	15.05	1.8	24.9	2.9	7,945
	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	14.25	4.8	20.1	6.7	4,059
	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	6.05	13.3	13.0	28.3	5,297
	18	210,000	42.4	19.9	2.131	0.00	19.9	0.0	42.4	391
	19	199,000	40.2	19.9	2.020	15.82	4.1	32.0	8.2	8,909
	Total	1,976,000	399					116.9	282	41,840

* 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: 386 days
 Approximate number of days for emergency low-solids capacity @ 6%TS: 773 days
 Approximate number of days for emergency low-solids capacity @ 9%TS: 1159 days

Average daily digester discharge 2006 to 2011 = 0.73mgd