

LASMA Lagoon Storage - April 30, 2016

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)							
Low	23	250,000	50.5	21.70	2.33	19.30	2.40	44.9	5.6	15,135
Low	24	249,120	50.3	21.60	2.33	8.80	12.80	20.5	29.8	11,882
Low	25	243,840	49.2	16.90	2.91	14.10	2.80	41.1	8.2	13,970
Low	26	360,000	72.7	23.50	3.09	13.40	10.10	41.5	31.3	9,094
Low	27	360,000	72.7	25.05	2.90	18.55	6.50	53.8	18.9	25,877
Cake	28	360,000	72.7	24.00	3.03			23.6	49.1	22,660
Low	29	360,000	72.7	24.00	3.03	0.00	24.00	0.0	72.7	0
Low	30	360,000	72.7	21.70	3.35	11.60	10.10	38.9	33.8	12,484
Total		2,542,960	514					264.3	249	111,102

* Used storage volume for low solids lagoons is based on the depth measurement at the DOB, Used storage volume=Depth remaining*Avg. storage per foot. The used storage volume for cake lagoons is based on the dry tons in the lagoon and assuming 23%TS for cake lagoons, Used Storage Volume=(DT/%TS)(2000lb/ton)(1gal/8.345lb).

Approximate number of days for emergency low-solids capacity @ 3%TS: 106 days
 Approximate number of days for emergency low-solids capacity @ 6%TS: 211 days
 Approximate number of days for emergency low-solids capacity @ 9%TS: 317 days

Average daily digester discharge = 2.36mgd