

LASMA Lagoon Storage - October 31, 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	17.50	4.20	40.7	9.8	15,698
Low	24	249,120	50.3	21.60	2.33	0.70	20.90	1.6	48.7	0
Low	25	243,840	49.2	16.90	2.91	13.60	3.30	39.6	9.6	16,354
Low	26	360,000	72.7	23.50	3.09	12.30	11.20	38.1	34.7	9,094
Low	27	360,000	72.7	25.05	2.90	9.45	15.60	27.4	45.3	15,728
Cake	28	360,000	72.7	24.00	3.03			30.5	42.3	29,225
Low	29	360,000	72.7	24.00	3.03	0.00	24.00	0.0	72.7	2,000
Low	30	360,000	72.7	21.70	3.35	17.80	3.90	59.6	13.1	20,704
Total		2,542,960	514					237.6	276	108,803

* 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: 117 days

Approximate number of days for emergency low-solids capacity @ 6%TS: 234 days

Approximate number of days for emergency low-solids capacity @ 9%TS: 351 days

Average daily digester discharge = 2.36mgd