

## LASMA LAGOON STORAGE - NOVEMBER, 2013

	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	17,614
Low	24	249,120	50.3	21.60	2.33	0.00	21.60	0.0	50.3	320
Low	25	243,840	49.2	16.90	2.91	12.80	4.10	37.3	11.9	4,906
Low	26	360,000	72.7	23.50	3.09	15.70	7.80	48.6	24.1	18,493
Low	27	360,000	72.7	25.05	2.90	0.10	24.95	0.3	72.4	242
Cake	28	360,000	72.7	24.00	3.03	0.32	23.68	1.0	71.8	921
Low	29	360,000	72.7	24.00	3.03	0.15	23.85	0.5	72.3	267
Low	30	360,000	72.7	21.70	3.35	0.10	21.60	0.3	72.4	162
	Total	2,542,960	514					132.8	381	42,925

\* 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: 108 days

Approximate number of days for emergency low-solids capacity @ 6%TS: 215 days

Approximate number of days for emergency low-solids capacity @ 9%TS: 323 days

Average daily digester discharge = 3.54mgd