

## LASMA Lagoon Storage - January 31, 2016

Lagoon		Total Capacity		Empty Lagoon Depth @ DOB	Avg. Storage per foot	Present Storage Depth @ DOB	Depth Remaining @ DOB	Used Storage Volume*	Volume remaining	Present Lagoon Input
		(Cu. Yd)	(mil Gal)	(feet)	(mil Gal)	(feet)	(feet)	(mil Gal)	(mil Gal)	Dry Tons
Low	23	250,000	50.5	21.70	2.33	15.50	6.20	36.1	14.4	7,897
Low	24	249,120	50.3	21.60	2.33	9.40	12.20	21.9	28.4	11,882
Low	25	243,840	49.2	16.90	2.91	14.80	2.10	43.1	6.1	11,692
Low	26	360,000	72.7	23.50	3.09	15.20	8.30	47.0	25.7	9,094
Low	27	360,000	72.7	25.05	2.90	20.35	4.70	59.1	13.6	25,877
Cake	28	360,000	72.7	24.00	3.03			19.3	53.4	18,487
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	16.30	5.40	54.6	18.1	9,038
Total		2,542,960	514					281.1	233	93,967

\* 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: 99 days  
 Approximate number of days for emergency low-solids capacity @ 6%TS: 197 days  
 Approximate number of days for emergency low-solids capacity @ 9%TS: 296 days

Average daily digester discharge = 2.36mgd