



# LASMA Lagoon Report

11/1/2011 - 11/30/2011

## Flow Summary

Location	Type	Delivered (DT)	Outloaded (DT)	Net Change (DT)	Opening (DT)	Closing (DT)
Lagoon 23	Lo-solids	0	394	-394	18,469	18,074
Lagoon 24	Lo-solids	5,419	0	5,419	8,826	14,245
Lagoon 25	Lo-solids	0	2,159	-2,159	5,808	0*
Lagoon 26	Lo-solids	0	0	0	0	0
Lagoon 27	Cake	0	32	-32	31,422	31,390
Lagoon 28	Cake	0	1,927	-1,927	2,326	399
Lagoon 29	Cake	626	51	575	13,181	13,757
Lagoon 30	Cake	1,195	2,009	-814	12,585	11,770
Cake Subtotal				-2,198	59,514	57,316
Lo-Solid Subtotal				2,866	33,102	32,319

## Emergency Capacity

Location	Available Storage(Gal)**
Lagoon 23	11,271,781
Lagoon 24	19,541,972
Lagoon 25	49,250,263
Lagoon 26	72,710,999
Lagoon 27	38,805,267
Lagoon 28	72,284,342
Lagoon 29	57,856,854
Lagoon 30	60,000,940
Cake Storage	301,658,403
Lo-Solid Storage	80,064,016
Total Storage	381,722,419

## Lagoon Capacity

Location	Percent Full	
Lagoon 23	72.30%	
Lagoon 24	56.62%	
Lagoon 25	0.00%	
Lagoon 26	0.00%	
Lagoon 27	52.32%	
Lagoon 28	0.67%	
Lagoon 29	22.93%	
Lagoon 30	19.62%	

## Operational Notes

Lagoon 24 is the current lagoon receiving lo-solids.  
Lagoon 30 is the current lagoon receiving cake.

Average Daily Digester Flow ~3%TS = 3.54 mgd.  
Days of emergency capacity @ 3%TS = 108 days  
Days of emergency capacity @ 6%TS = 215 days  
Days of emergency capacity @ 9%TS = 323 days

\*Lagoon 25 was emptied during November. Tonnage did not balance due to volatilization and measurement errors.

\*\*As of November 2011, the Available Storage(Gal) will not take decanting into account.