

**Murphy Brown 2011 Bio Trial
Using Small Sludge Boat**

Farm #	Date	Sludge Average Thickness	Volume in Gallons	Midpoint of Sludge Layer		Farm #	Date	Sludge Average Thickness	Volume in Gallons	Midpoint of Sludge Layer		Volume Reduced in Gallons	Depth	Slope	Lagoon Size Ac.	Top	
				Length	Width					Length	Width					Length	Width
Lagoon 1/Bachelor B	1/6/11	4.33	2,266,107.61	369.07	189.07	Lagoon 1	1/16/12	2.57	1,288,745.08	363.79	183.79	977,362.52	12.32	3	2.47	430	250
Lagoon 2/Corbett 2A	1/5/11	2.37	130,906.26	120.91	60.91	Lagoon 2	1/10/12	2.22	121,262.14	120.46	60.46	9,644.12	12.70	3	0.57	190	130
Lagoon 3/Harrells 1	1/17/11	3.14	953,720.84	257.98	156.98	Lagoon 3	1/26/12	1.45	417,812.69	252.91	151.91	535,908.15	9.24	3	1.42	304	203
Lagoon 4/Harrells 2	1/17/11	5.30	3,755,932.49	385.26	245.26	Lagoon 4	1/26/12	2.05	1,359,709.04	375.51	235.51	2,396,223.45	8.44	3	2.70	420	280
Lagoon 5/Waters 1 & 2	1/17/11	3.37	1,142,935.91	881.31	51.31	Lagoon 5	1/19/12	2.60	839,884.50	879.00	49.00	303,051.41	9.80	3	2.13	930	100
Lagoon 6/Waters 3,4,5	1/17/11	3.75	1,827,749.60	70.95	915.95	Lagoon 6	1/19/12	3.50	1,686,484.80	70.20	915.20	141,264.80	9.55	3	2.58	117	962
Lagoon 7/3102-1	1/17/11	3.00	1,347,825.60	214.40	279.40	Lagoon 7	2/7/12	3.73	1,706,183.45	216.59	281.59	-358,357.85	14.10	3	2.36	290	355
Lagoon 8/3417 Finisher	1/18/11	3.30	4,217,726.95	443.90	383.90	Lagoon 8	2/15/12	2.81	3,565,858.49	442.43	382.43	651,868.46	11.00	3	5.05	500	440
Lagoon 9/3728	1/19/11	3.61	7,321,900.07	770.83	350.83	Lagoon 9	2/15/12	2.10	4,179,572.62	766.30	346.30	3,142,327.45	10.00	3	7.53	820	400
Level Totals			22,964,805.33	gals.					15,165,512.81	Actual Sludge gals.		7,799,292.52	Actual Sludge gals.				
Average Levels		3.57	2,551,645.04	gals.				2.56	1,685,056.98	gals.		866,588.06	gals.		2.98		