ANALYSIS

FOR Monsanto Company
Anniston
Alabama

BETZ
TREVOSE, PENNSYLVANIA 19047

SAMPLE DATED:

Coagulation Jar Testing

SAMPLE IDENTIFICATION: Effluent and Solids from Neutralization Pit

Final Testing and Recommended Treatment (1)

		pH	Turbidity, ppm	Suspended Solids, ppm	Organic Carbon, p
WASTE SAMPLE; 500 ppm		7.1	204	532	52
Supernatant Sample Analyses (2)					
Test No.	Rapid Mix at 100 rpm				
1	4 Minutes		7	24	2
2	7 Minutes		6	26	-
3	10 Minutes		2	16	1
WASTE SAMPLE; 1000 ppm		7.4	400	1076	70
Supernatant Sample Analyses (2)					
Test No.	Rapid Mix at 100 rpm				
4	4 Minutes		6	26	2
5	7 Minutes		3.5	16	-
6	10 Minutes		1.5	6	3

(1) All samples treated with 15 ppm SPV Bentonite Clay and 7.7 ppm of a cationic polyelectrolyte; Betz Poly-Floc 1170.

(2) Samples collected after one (1) minute of settling.

0067367

ENG152 5/63

TOWOLDMON0056515