W-D

SINCE 1881

FROEHLING & ROBERTSON, INC.

FULL SERVICE LABORATORIES • ENGINEERING/CHEMICAL

"OVER ONE HUNDRED YEARS OF SERVICE"

RECEIVED MAR 19 HAZARDOUS WASTE MANAGEMENT BRANCH

CW
JBB
Amsco
Champion
George Jensen
Jackson
WD

January 16, 1984

No: L-52-028-1-A

Analysis of Sludge

Made For: Jackson Paper Manufacturing Co.
P.O. Box 667
Sylva, N. C. 28779
Attn: Mr. Carr Tyndall

Marked: Sample of Sludge submitted 12-23-83

0 - 0 - 0

	P.P.M., Dry Wt. Basis
Arsenic (As)	< 1.0
Barium (Ba)	56
Cadmium (Cd)	1.1
Chromium (Cr)	21
Lead (Pb)	45
Mercury (Hg)	0.78
Selenium (Se)	< 1.0
Silver (Ag)	1.3
Sodium (Na)	12169
Potassium(K)	1070
TKN	2.1
Ammonia Nitrogen	< 1.0
Phosphorus, As P	P.P.M. (As Rec'd)
Filtered Ortho	6.8
Filtered Total	6.3
Unfiltered Ortho	9.0
Unfiltered Total	10.3

Jensen Report
pH = 7.5 - 8
AHR
3/19/84

Ep Toxicity Test (Metals)	EPA Hazardous Waste #	Mg/L
Arsenic (As)	D 004	< 0.001
Barium (Ba)	D 005	0.6
Cadmium (Cd)	D 006	< 0.02
Chromium (Cr)	D 007	< 0.20
Lead (Pb)	D 008	< 0.20
Mercury (Hg)	D 009	0.0012
Selenium (Se)	D 010	< 0.0005
Silver (Ag)	D 011	< 0.03

SINCE

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1881

BE
SOLID & HAZARDOUS WASTE MANAGE
MAR 19 1

Pesticides	EPA Hazardous Waste #	Mg/L
Endrin	D 012	< 0.006
Lindane	D 013	< 0.004
Methoxychlor	D 014	< 0.04
Toxaphene	D 015	< 0.01
Herbicides		
2,4-D (2,4-Dichlorophenoxyacetic Acid)	D 016	< 0.01
2,4,5-TP (Silvex)	D 017	< 0.01
Other Tests		
Polychlorinated Biphenyls (P.C.B.) E.P. Toxicity Extract		< 0.10

Respectfully,

August A. Thieme

August A. Thieme
Chief Chemist & Director
Chemical & Biological Services