

FILE NO: 69999

Brookside Laboratories, Inc.

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CLIENT NAME : Brookside Laboratories, Inc.

REPORT NUMBER: VE0104100

PROJECT NAME :

REVIEWER INITIALS: SDW

**** ANALYSIS REPORT ****

SAMPLE MATRIX : SLUDGE

DATE SAMPLED: 10/12/1999

SAMPLE ID : 1

DATE RECEIVED: 01/04/00

SAMPLE DESCRIPTION : DRYING BEDS

LAB NUMBER : VE0104100

	% Dry Basis	% Wet Basis	lbs/Ton Dry	lbs/Ton Wet
TOTAL SOLIDS	100	39.08	2000	781
NITROGEN-TOTAL KJELDAHL (TKN)	2.661	1.04	53.2175	20.8
NITROGEN-NITRATE (NO3-N)		< 0.01 **		
NITROGEN-AMMONIUM (NH3-N)	0.179	0.07	3.5819	1.4
NITROGEN-ORGANIC	2.482	0.97	49.6355	19.4
PHOSPHORUS - TOTAL (P)	0.02	0.008	0.4	0.1563
PHOSPHORUS AS P2O5 (P2O5)	0.046	0.018	0.9166	0.3582
POTASSIUM (K)	0.001	0.0	0.02	0.0078
POTASSIUM AS K2O (K2O)	0.001	0.0	0.0241	0.0094

pH 7.74

	mg/kg Dry Basis	mg/kg Wet Basis	lbs/Ton Dry	lbs/Ton Wet
ARSENIC (As)	28.6	11.178	0.0572	0.0224
CADMIUM (Cd)	0.16	0.063	0.0003	0.0001
CHROMIUM-TOTAL (Cr)	0.5	0.195	0.001	0.0004
COPPER (Cu)	7.63	2.982	0.0153	0.006
LEAD (Pb)	0.85	0.332	0.0017	0.0007
MERCURY (Hg)	2.047	0.8	0.0041	0.0016
MOLYBDENUM (Mo)	0.44	0.172	0.0009	0.0003
NICKEL (Ni)	1.2	0.469	0.0024	0.0009
SELENIUM (Se)	5.92	2.314	0.0118	0.0046
ZINC (Zn)	10.1	3.948	0.0202	0.0079

MAXIMUM AWSAR 31.1888 Dry Ton/Acre 79.7976 Wet Ton/Acre
(BASED ON POLLUTANT LOADING)

LIMITING POLLUTANT: ARSENIC

PLEASE NOTE:

Maximum Annual Whole Sludge Application Rate (AWSAR) is calculated based on Part 503 regulations which were published in Fed. Reg. 2/19/93 and subsequently revised (Fed. Reg. 2/25/94). Each state where the sludge is used may have more stringent requirements based on other factors such as nutrient or hydraulic loading limits. Please use the most restrictive limit when applying sludge to crop land.