

Attachment No. 2

The Effect of Soil Depth on Constituents in Leachate

Influent Type	Soil Depth (in)	BOD mg/l	NO3 mg/l	NH4 mg/l	PO4 mg/l	Fecal Coliform #/100ml
Septic Tank Effluent	-----	116	0.32	38.0	3.36	35,800
Column Leachate	6	2.32	17.0	1.68	<DL	910
Column Leachate	12	1.38	19.1	0.34	<DL	70
Column Leachate	18	1.09	21.3	0.21	<DL	0

Reference: Duncan, C.S., R.B. Reneau Jr., and C. Hagedorn. 1998. Impact of effluent quality and soil depth on renovation of domestic wastewater. Proceedings of the Seventh International Symposium on Individual and Small Community Sewage Systems. ASAE