In soils as heavy metals are [illegible]

The sample drill cutting contains the following toxic organic contaminants:

1.1.2
No Date

PAH 3–7 rings HALOGENATED HYDROCARBON

	Contaminant	Percentage of Sample	Toxic Category	
	Naphthalene	.000170	B	$C_{10}H_8$
	Acenaphthene	.000037	X	$C_{12}H_{10}$
	Fluorene	.000022	X	$C_{13}H_{10}$
X	Phenanthrene	.000130	X	$C_{14}H_{10}$
X	Anthracene	.000020	X	$C_{14}H_{10}$
	Di-N-Octylphthalate	.000200	D	
X	Fluoranthene	.000096	X	$C_{16}H_{10}$
X	Pyrene	.000140	X	$C_{16}H_{10}$
	Butyl Benzyl Phthalate	.000043	B	
X	Benzo(a)anthracene	.000032	X	
X	Chrysene	.000022	X	$C_{18}H_{12}$
X	PCBs	.000450	A	$C_{12}H_2Cl_8$
	2-Methylnaphthalene	.000120	D	
	Di-N-Butylphthalate	.000200	could not locate toxicity data	
	Dibenzofuran	.000019	could not locate toxicity data	$C_{12}H_8O$

Equivalent Concentration (%) for this sample equals .000551

When the equivalent concentration of .000551 is applied to WAC 173-303-9906 the waste does not designate as Dangerous Waste (DW) or Extremely Hazardous Waste (EHW). Since this drill cutting represents the worst case, none of the other cuttings or materials would be designated as DW or EHW

USEPA SF
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