



SGS Environmental Laboratories

E9008-038

RESULTS - TCLP TOXICITY SEMIVOLATILES

SGS ID: E9008-038-4

PPG ID: 1327 P/T Heavy Still Bottoms

Date Extracted: 8/28/90

Date Analyzed: 9/01/90

Concentration in ppb (ug/L) in TCLP Extract

	1327 P/T Heavy Still Bottoms	Blank	Method Detection Limit
o-cresol	ND	ND	10.0
m-cresol	ND	ND	10.0
p-cresol	ND	ND	10.0
Cresol	ND	ND	10.0
2,4-Dinitrotoluene	ND	ND	10.0
Hexachlorobenzene	ND	ND	10.0
Hexachlorobutadiene	ND	ND	10.0
Hexachloroethane	ND	ND	10.0
Nitrobenzene	ND	ND	10.0
Pentachlorophenol	ND	ND	50
Pyridine	ND	ND	10.0
2,4,5-Trichlorophenol	ND	ND	50
2,4,6-Trichlorophenol	ND	ND	50

Surrogate Standard Percent Recovery (at 0.200 mg/L)

	1327 P/T Heavy Still Bottoms	Blank
2-Fluorophenol	13 %	28 %
Phenol-d5	10 %	19 %
2,4,6-Tribromophenol	17 %	33 %
Nitrobenzene-d5	13 %	38 %
2-Fluorobiphenyl	14 %	37 %
Terphenyl-d14	10 %	21 %

SL 022031

ND denotes Not Detected at a level above the method detection limit.



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E9008-038

RESULTS - Sample ID: 1327 P/T Heavy Still Bottoms SGS ID: E9008-38-4

TCLP Metals

Date Extracted: 8/13/90

Concentration in ppm (mg/L) in TCLP Extract

Date Analyzed: 8/17/90

<u>EPA HW</u>	<u>TCLP Metals</u>	<u>Result</u>	<u>Blank</u>	<u>Method Detection Limit</u>
D004	Arsenic	ND	ND	0.2
D005	Barium	ND	ND	0.02
D006	Cadmium	ND	ND	0.03
D007	Chromium	ND	ND	0.04
D008	Lead	ND	ND	0.1
D009	Mercury	ND	ND	0.0002
D010	Selenium	ND	ND	0.2
D011	Silver	ND	ND	0.02

Total Metals

Date Analyzed: 8/14/90

Concentration in ppm (mg/Kg) in sample

	<u>Result</u>	<u>Blank</u>	<u>Method Detection Limit</u>
Antimony	ND	ND	1.0
Arsenic	ND	ND	1.0
Barium	ND	ND	0.3
Beryllium	ND	ND	0.3
Cadmium	ND	ND	0.3
Chromium	0.4	ND	0.3
Lead	3.8	ND	0.5
Mercury	ND	ND	0.09
Nickel	ND	ND	0.5
Silver	ND	ND	0.3
Thallium	ND	ND	1.5

ND denotes Not Detected at a level above the method detection limit.

SL 022032