

Sphag Sorb

and the

Texas TCLP Method 1005

IndEco Environmental
207 North Lacy Drive
Waco, TX 76705
1-800-381-7223
Info@indecoviro.com



207 North Lacy Drive
Waco, TX 76705
254/662-1662
Fax: 254/662-1195
www.indecoviro.com
Formerly Waco Chemtex

Anachem

A Certified Texas Lab

- The Texas TCLIP 1005 is a leachate test.
- Proves Sphag Sorb does not release absorbed hydrocarbons.
- Test uses an acid wash to capture and measure loose hydrocarbons.
- Result: Nearly immeasurable.



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ANACHEM INC.

8 Freestone Circle, Suite 104, Amon, Texas 76702
972.727-9005 • FAX: (972) 727-3648 • 1-800-908-1186



Monday, July 12, 2004

Bradley Norris or Ranece Raup
Indeco Environmental
207 North Lacy Drive
Waco, TX 76705

Tel: 254-662-1662
Fax: 254-662-1195

Re: Parts Per Million Test
Dear Bradley Norris or Ranece Raup:

Order No.: 0406253

Anachem, Inc. received 2 sample(s) on 6/23/2004 for the analyses presented in the following report.

Howard Hayden
Lab Director

ADDITIONAL ANALYSIS



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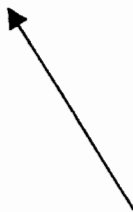
Anachem, Inc.



Date: 20-Jul-04

CLIENT: Indeco Environmental Lab Order: 0406253
 Project: Parts Per Million Test Lab ID: 0406253-01A
 Location: 207 North Lacy Drive Collection Date: 6/22/2004 9:00:00 AM
 Client Sample: Diesel With Sphag Sorb Matrix:

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP TPH BY TEXAS 1005				Batch: R29264	Analyst: MB	
T/R Hydrocarbons: C6-C12	12	2.5		mg/L	1	7/6/2004
T/R Hydrocarbons: C12-C28	51	2.5		mg/L	1	7/6/2004
T/R Hydrocarbons: C28-C35	ND	2.5		mg/L	1	7/6/2004
T/R Hydrocarbons: C6-C35 (Total)	83	2.5		mg/L	1	7/6/2004



Amazing!

REVISED REPORT

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- H Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank.
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit



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Anachem, Inc.



Date: 20-Jul-04

CLIENT: Indeco Environmental
 Project: Parts Per Million Test
 Location: 207 North Lacy Drive
 Client Sample: Gasoline With Sphag Sorb

Lab Order: 0406253
 Lab ID: 0406253-02A
 Collection Date: 6/22/2004 9:05:00 AM
 Matrix:

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP TPH BY TEXAS 1005					Batch: R29254	Analyst: MB
T/R Hydrocarbons C6-C12	370	2.5		mg/L	1	7/5/2004
T/R Hydrocarbons C12-C28	60	2.5		mg/L	1	7/5/2004
T/R Hydrocarbons C28-C35	ND	2.5		mg/L	1	7/6/2004
T/R Hydrocarbons C6-C35 (Total)	430	2.5		mg/L	1	7/6/2004



Even a light hydrocarbon like gasoline is absorbed and permanently encapsulated!

This is well within the 1500 ppm Class 1 landfill disposal limit.

REVISED REPORT

Qualifiers:



- * Value exceeds Maximum Contaminant Level
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- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit



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CLIENT: Indeco Environmental
 Work Order: 0106253
 Project: Parts Per Million Test



ANALYTICAL QC SUMMARY REPORT

BatchID: R29254

Sample ID: MBLK	SampType: MBLK	Batch ID: R29254	Units: mg/L	Prep Date: 7/6/2004	RunNo: 29254						
Test Name: TPH by Texas 1005 - Aqueous			Analysis Date: 7/6/2004	SeqNo: 324812							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C12-C28	ND	2.500									
T/R Hydrocarbons: C28-C35	ND	2.500									
T/R Hydrocarbons: C6-C12	ND	2.500									
T/R Hydrocarbons: C6-C35 (Total)	ND	2.000									

Sample ID: LCS	SampType: LCS	Batch ID: R29254	Units: mg/L	Prep Date: 7/6/2004	RunNo: 29254						
Test Name: TPH by Texas 1005 - Aqueous			Analysis Date: 7/6/2004	SeqNo: 324810							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C12-C28	426.0	2.500	500	0	85.2	75	125	0	0		
T/R Hydrocarbons: C28-C35	840.0	2.000	1000	0	84	75	125	0	0		
T/R Hydrocarbons: C6-C12	524.0	2.500	600	0	105	75	125	0	0		

Sample ID: LCSD	SampType: LCSD	Batch ID: R29254	Units: mg/L	Prep Date: 7/6/2004	RunNo: 29254						
Test Name: TPH by Texas 1005 - Aqueous			Analysis Date: 7/6/2004	SeqNo: 324811							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C12-C28	426.0	2.500	500	0	85.2	75	125	426	0	20	
T/R Hydrocarbons: C28-C35	840.0	2.000	1000	0	84.2	75	125	840	0.238	20	
T/R Hydrocarbons: C6-C12	520.0	2.500	500	0	104	75	125	524	0.786	20	

Sample ID: 0407026-03BMS	SampType: MS	Batch ID: R29254	Units: mg/L	Prep Date: 7/6/2004	RunNo: 29254						
Test Name: TPH by Texas 1005 - Aqueous			Analysis Date: 7/6/2004	SeqNo: 324794							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C12-C28	412.0	2.500	500	0	82.4	75	125	0	0		
T/R Hydrocarbons: C28-C35	829.0	2.000	1000	0	82.9	75	125	0	0		
T/R Hydrocarbons: C6-C12	503.0	2.500	500	0	101	75	125	0	0		

Qualifiers: E Value above enumeration range H Holding time for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



ADDITIONAL ANALYSIS



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CLIENT: Indeco Environmental
 Work Order: 0106253
 Project: Parts Per Million Test



ANALYTICAL QC SUMMARY REPORT

BatchID: R29254

Sample ID: 0407026-03BMSD	SampType: MSD	Batch ID: R29254	Units: mg/L	Prep Date: 7/6/2004	RunNo: 29254						
Test Name: TPH by Texas 1005 - Aqueous				Analysis Date: 7/6/2004	SeqNo: 324795						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH Hydrocarbons C12-C28	418.0	2.500	500	0	83.2	75	125	412	0.996	20	
TPH Hydrocarbons C28-C35	829.0	2.000	1000	0	82.9	75	125	809	0	20	
TPH Hydrocarbons C6-C12	564.0	2.500	500	0	101	75	125	503	0.199	20	

Qualifiers:

- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- K RPD outside accepted recovery limits
- L Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits



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Monday, July 12, 2004

Order No.: 0406253

Project: Parts Per Million Test

Glossary

mg/Kg:	milligrams per kilogram (ppm)
mg/Kg-Dry:	milligrams per kilogram reported on a dry weight basis (ppm)
mg/L:	milligrams per liter (ppm)
ug/Kg:	micrograms per kilogram (ppb)
ug/Kg-Dry:	micrograms per kilogram reported on a dry weight basis (ppb)
ug/L:	micrograms per liter (ppb)
DF:	Dilution Factor
DUP:	Sample Duplicate
LCSI:	Continuing Calibration Verification
LCS/LCSD:	Laboratory Control Sample/Laboratory Control Sample Duplicate
Limit:	Reporting Limit
MBLK:	Method Blank
MQI:	Method Quantification Limit
MS/MSD:	Matrix Spike/Matrix Spike Duplicate:
ND:	Analyte NOT DETECTED at or above the Limit or SQI.
PQI:	Practical Quantification Limit
RPD:	Relative Percent Difference
SQI:	Sample Quantification Limit
Surr:	Surrogate
%:	Percent Recovery



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