
Attachment 3
First Sample Analytical Results

RECRA ENVIRONMENTAL, INC.

CHAIN OF CUSTODY RECORD

PROJECT NO NY50ECH 93201 / 915083		SITE NAME Consolidated Freeways		NO OF CONTAINERS	100% V-4 100% V-4 100% V-4 100% V-4 100% V-4 100% V-4 100% V-4 100% V-4								REMARKS		
SAMPLERS (SIGNATURE) James A. Teta, Jr. Billie Annandale, Jr.															
STATION NO	DATE	TIME	COMP	GRAB	STATION LOCATION										
N/A	11/5/93				Top Alinks	2	2								Top Alinks
BW#1	11/5/93	1100		✓	BW#1 0" to 12" SS#1	3		1	2						(Total of 12 samples taken at 11/5/93) Total 12 samples taken at 11/5/93
BW#2	11/5/93	1100		✓	BW#2 0" to 12" SS#1	3		1	2						
BW#3	11/5/93	1140		✓	BW#3 0" to 12" SS#1	3		1	2						
BW#4	11/5/93	1600		✓	BW#4 0" to 12" SS#1	3		1	2						
BW#5	11/5/93	1500		✓	BW#5 0" to 12" SS#1	2		1	2						
BW#6	11/5/93	1600		✓	BW#6 0" to 12" SS#1	3		1	2						
BW#7	11/5/93	1700		✓	BW#7 0" to 12" SS#1	3		1	2						

BW#5	11/5/93	1500		✓	BW#5 (Duplicate)	1		1							
RELINQUISHED BY (SIGNATURE) James A. Teta, Jr.		DATE/TIME 11/5/93 5:00pm		RECEIVED BY (SIGNATURE) Mark Caserio		RELINQUISHED BY (SIGNATURE) Mark Caserio		DATE/TIME 11/9/93		RECEIVED BY (SIGNATURE)					
RELINQUISHED BY (SIGNATURE)		DATE/TIME		RECEIVED BY (SIGNATURE)		RELINQUISHED BY (SIGNATURE)		DATE/TIME		RECEIVED BY (SIGNATURE)					
RELINQUISHED BY (SIGNATURE)		DATE/TIME		RECEIVED FOR LABORATORY BY (SIGNATURE)		DATE/TIME		REMARKS 12/1/93 11/5/93							



**RECRA
ENVIRONMENTAL
INC.**



Chemical and Environmental Analysis Services

Mr. Steve Campbell
Labella Associates
300 State Street
Rochester, NY 14614

December 03, 1993

Received by LaBella Associates, P.C.
DEC 08 1993
Client: _____
Proj. #: _____

RE: Analytical Results

Dear Mr. Campbell:

Please find enclosed results concerning the analyses of the samples recently submitted by your firm. The Pertinent Information regarding these analyses is listed below:

Quote #: NY93-584
Project Name: Consolidated Freightways Site
Matrix: Aqueous / Soil
Samples Received: 11/10/93
Sample Date: 11/05/93

If you have any questions concerning these data, please contact Mr. Richard Orlowski, Associate Program Manager at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide Labella Associates with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA ENVIRONMENTAL, INC.

Richard Orlowski
Associate Program Manager

Robert K. Wyeth
Laboratory Director

RCO/RKW/rco
Enclosure

I.D. # 93-3936
NY4A4816

ANALYTICAL RESULTS

Prepared For

Labella Associates
300 State Street
Rochester, New York 14614

Prepared By

Recra Environmental, Inc.
10 Hazelwood Drive, Suite 106
Amherst, New York 14228-2298

METHODOLOGIES

The specific methodologies employed in obtaining the enclosed analytical results are indicated on the specific data table. The method numbers presented refer to the following U.S. Environmental Protection Agency reference.

- * U.S. Environmental Protection Agency "Test Methods for Evaluating Solid Waste-Physical/Chemical Methods." Office of Solid Waste and Emergency Response. November 1986, SW-846, Third Edition.

COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Organic and Inorganic Data Comment Pages.

Results for the analysis of soils are corrected for moisture content and reported on a dry weight basis.

METHOD 8240 TCL VOLATILE DATA

A concentration of Chlorobenzene was detected in Volatile Method Blank 13 and Volatile Method Blank 15 at a level below the detection limit. Chlorobenzene was not detected in any of the samples.



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METHOD 8270 TCL SEMIVOLATILE DATA

Sample BW#1 exhibited internal standards Phenanthrene-D10, Chrysene-D12, Perylene-D12 and Acenaphthene-D10 as outside of quality control limits. The re-analysis, sample BW#1RI exhibited internal standards Chrysene-D12 and Perylene-D12 as outside of quality control limits indicating sample matrix interference.

Samples BW#2, BW#5 and BW#5 Duplicate were initially analyzed at a dilution factor of ten (10) due to sample matrix.

Sample BW#6 required a dilution factor of four (4) due to the high concentrations of Phenanthrene and Fluoranthene in the sample.

Sample BW#6RI required a dilution factor of four (4) due to the high concentrations of Fluoranthene, Phenanthrene and Pyrene in the sample.

Samples BW#6 and BW#6RI both exhibited internal standard Chrysene-D12 as outside of quality control limits indicating sample matrix interference.

Samples BW#6DL and BW#6DLRE both exhibited internal standard Perylene-D12 as outside of quality control limits indicating sample matrix interference.

METALS DATA

No deviations from protocol were encountered during analysis.



ORGANIC DATA COMMENT PAGE

Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Organic Data Qualifiers:

- U - Indicates compound was analyzed for but not detected.
- J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G - The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L - The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.
- T - This flag is used when the analyte is found in the associated TCLP extraction as well as in the sample.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results.
- P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the Form I and flagged with a "P".
- A - This flag indicates that a TIC is a suspected aldol-condensation product.



INORGANIC DATA COMMENT PAGE

Laboratory Name RECRA ENVIRONMENTAL, INC.

USEPA Defined Inorganic Data Qualifiers:

- B - Indicates a value greater than or equal to the instrument detection limit but less than the contract required detection limit.
- U - Indicates element was analyzed for but not detected. Report with the detection limit value (e.g., 100).
- E - Indicates a value estimated or not reported due to the presence of interference.
- S - Indicates value determined by Method of Standard Addition.
- N - Indicates spike sample recovery is not within control limits.
- * - Indicates duplicate analysis is not within control limits.
- + - Indicates the correlation coefficient for method of standard addition is less than 0.995.
- M - Indicates duplicate injection results exceeded control limits.
- W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.



LABELLA ASSOCIATES

0005

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. -	RECNY	Matrix:	Aqueous
Lab Job No:	A93-3936		Dilution Factor:	1
Lab Sample ID:	AS050129		Sample Date:	11/05/93
Client Sample ID:	TRIP BLANK		Analysis Date:	11/12/93

Parameter	Units = UG/L	Result	Q
Acetone		10	U
Benzene		5	U
Bromodichloromethane		5	U
Bromoform		5	U
Bromomethane		10	U
2-Butanone		10	U
Carbon Disulfide		5	U
Carbon Tetrachloride		5	U
Chlorobenzene		5	U
Chloroethane		10	U
Chloroform		5	U
Chloromethane		10	U
Dibromochloromethane		5	U
1,1-Dichloroethane		5	U
1,2-Dichloroethane		5	U
1,1-Dichloroethene		5	U
1,2-Dichloroethene (Total)		5	U
1,2-Dichloropropane		5	U
cis-1,3-Dichloropropene		5	U
trans-1,3-Dichloropropene		5	U
Ethyl benzene		5	U
2-Hexanone		10	U
Ethylene chloride		5	U
2-Methyl-2-pentanone		10	U
Styrene		5	U
1,1,2,2-Tetrachloroethane		5	U
Tetrachloroethene		5	U
Toluene		5	U
1,1,1-Trichloroethane		5	U
1,1,2-Trichloroethane		5	U
Trichloroethene		5	U
Vinyl acetate		10	U
Vinyl chloride		10	U
Total Xylenes		5	U

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	1
Lab Sample ID:	AS050130	Sample Date:	11/05/93
Client Sample ID:	BW#1	Analysis Date:	11/15/93
		% Dry Weight:	89.60

Parameter	Units = UG/KG	Result	Q
Acetone		11	U
Benzene		6	U
Bromodichloromethane		6	U
Bromoform		6	U
Bromomethane		11	U
2-Butanone		11	U
Carbon Disulfide		6	U
Carbon Tetrachloride		6	U
Chlorobenzene		6	U
Chloroethane		11	U
Chloroform		6	U
Chloromethane		11	U
Dibromochloromethane		6	U
1,1-Dichloroethane		6	U
1,2-Dichloroethane		6	U
1,1-Dichloroethene		6	U
1,2-Dichloroethene (Total)		6	U
1,2-Dichloropropane		6	U
cis-1,3-Dichloropropene		6	U
trans-1,3-Dichloropropene		6	U
Ethyl benzene		6	U
2-Hexanone		11	U
Methylene chloride		6	U
4-Methyl-2-pentanone		11	U
Styrene		6	U
1,1,2,2-Tetrachloroethane		6	U
Tetrachloroethene		6	U
Toluene		6	U
1,1,1-Trichloroethane		6	U
1,1,2-Trichloroethane		6	U
Trichloroethene		6	U
Vinyl acetate		11	U
Vinyl chloride		11	U
Total Xylenes		6	U

LABELLA ASSOCIATES

0007

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECN	Matrix:	Soil
L b Job No:	A93-3936	Dilution Factor:	1
L b Sample ID:	AS050131	Sample Date:	11/05/93
Client Sample ID:	BW#2	Analysis Date:	11/12/93
		% Dry Weight:	81.90

Parameter	Units = UG/KG	Result	Q
Acetone		37	
Benzene		6	U
Bromodichloromethane		6	U
Bromoform		6	U
Bromomethane		12	U
2-Butanone		12	U
Carbon Disulfide		6	U
Carbon Tetrachloride		6	U
Chlorobenzene		6	U
Chloroethane		12	U
Chloroform		6	U
Chloromethane		12	U
Dibromochloromethane		6	U
1,1-Dichloroethane		6	U
1,2-Dichloroethane		6	U
1,1-Dichloroethene		6	U
1,2-Dichloroethene (Total)		6	U
1,2-Dichloropropane		6	U
cis-1,3-Dichloropropene		6	U
trans-1,3-Dichloropropene		6	U
Ethyl benzene		6	U
2-Hexanone		12	U
Methylene chloride		6	U
4-Methyl-2-pentanone		12	U
Styrene		6	U
1,1,2,2-Tetrachloroethane		6	U
Tetrachloroethene		6	U
Toluene		6	U
1,1,1-Trichloroethane		6	U
1,1,2-Trichloroethane		6	U
Trichloroethene		6	U
Vinyl acetate		12	U
Vinyl chloride		12	U
Total Xylenes		6	U

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	1
Lab Sample ID:	AS050132	Sample Date:	11/05/93
Client Sample ID:	BW#3	Analysis Date:	11/15/93
		% Dry Weight:	88.60

Parameter	Units = UG/KG	Result	Q
Acetone		11	U
Benzene		6	U
Bromodichloromethane		6	U
Bromoform		6	U
Bromomethane		11	U
2-Butanone		11	U
Carbon Disulfide		6	U
Carbon Tetrachloride		6	U
Chlorobenzene		6	U
Chloroethane		11	U
Chloroform		6	U
Chloromethane		11	U
Dibromochloromethane		6	U
1,1-Dichloroethane		6	U
1,2-Dichloroethane		6	U
1,1-Dichloroethene		6	U
1,2-Dichloroethene (Total)		6	U
1,2-Dichloropropane		6	U
cis-1,3-Dichloropropene		6	U
trans-1,3-Dichloropropene		6	U
Ethyl benzene		6	U
2-Hexanone		11	U
Methylene chloride		6	U
4-Methyl-2-pentanone		11	U
Styrene		6	U
1,1,2,2-Tetrachloroethane		6	U
Tetrachloroethene		6	U
Toluene		6	U
1,1,1-Trichloroethane		6	U
1,1,2-Trichloroethane		6	U
Trichloroethene		6	U
Vinyl acetate		11	U
Vinyl chloride		11	U
Total Xylenes		6	U

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
La Job No:	A93-3936	Dilution Factor:	1
La Sample ID:	AS050133	Sample Date:	11/05/93
Client Sample ID:	BW#4	Analysis Date:	11/15/93
		% Dry Weight:	83.90

Parameter	Units = UG/KG	Result	Q
Acetone		12	U
Benzene		6	U
Bromodichloromethane		6	U
Bromoform		6	U
Bromomethane		12	U
2-Butanone		12	U
Carbon Disulfide		6	U
Carbon Tetrachloride		6	U
Chlorobenzene		6	U
Chloroethane		12	U
Chloroform		6	U
Chloromethane		12	U
Dibromochloromethane		6	U
1,1-Dichloroethane		6	U
1,2-Dichloroethane		6	U
1,1-Dichloroethene		6	U
1,2-Dichloroethene (Total)		6	U
1,2-Dichloropropane		6	U
cis-1,3-Dichloropropene		6	U
trans-1,3-Dichloropropene		6	U
Ethyl benzene		6	U
2-Hexanone		12	U
Ethylene chloride		6	U
2-Methyl-2-pentanone		12	U
Styrene		6	U
1,1,2,2-Tetrachloroethane		6	U
Tetrachloroethene		6	U
Toluene		6	U
1,1,1-Trichloroethane		6	U
1,1,2-Trichloroethane		6	U
Trichloroethene		6	U
Vinyl acetate		12	U
Vinyl chloride		12	U
o-Xylenes		6	U

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	1
Lab Sample ID:	AS050134	Sample Date:	11/05/93
Client Sample ID:	BW#5	Analysis Date:	11/15/93
		% Dry Weight:	82.20

Parameter	Units = UG/KG	Result	Q
Acetone		12	U
Benzene		6	U
Bromodichloromethane		6	U
Bromoform		6	U
Bromomethane		12	U
2-Butanone		12	U
Carbon Disulfide		6	U
Carbon Tetrachloride		6	U
Chlorobenzene		6	U
Chloroethane		12	U
Chloroform		6	U
Chloromethane		12	U
Dibromochloromethane		6	U
1,1-Dichloroethane		6	U
1,2-Dichloroethane		6	U
1,1-Dichloroethene		6	U
1,2-Dichloroethene (Total)		6	U
1,2-Dichloropropane		6	U
cis-1,3-Dichloropropene		6	U
trans-1,3-Dichloropropene		6	U
Ethyl benzene		6	U
2-Hexanone		12	U
Methylene chloride		6	U
4-Methyl-2-pentanone		12	U
Styrene		6	U
1,1,2,2-Tetrachloroethane		6	U
Tetrachloroethene		6	U
Toluene		6	U
1,1,1-Trichloroethane		6	U
1,1,2-Trichloroethane		6	U
Trichloroethene		6	U
Vinyl acetate		12	U
Vinyl chloride		12	U
Total Xylenes		6	U

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. -	RECNY	Matrix:	Soil
Lab Job No:	A93-3936		Dilution Factor:	1
Lab Sample ID:	AS050134FD		Sample Date:	11/05/93
Client Sample ID:	BW#5 DUPLICATE		Analysis Date:	11/15/93
			% Dry Weight:	82.20

Parameter	Units = UG/KG	Result	Q
acetone		12	U
Benzene		6	U
Bromodichloromethane		6	U
Bromoform		6	U
Bromomethane		12	U
2-Butanone		12	U
Carbon Disulfide		6	U
Carbon Tetrachloride		6	U
Chlorobenzene		6	U
Chloroethane		12	U
Chloroform		6	U
Chloromethane		12	U
Dibromochloromethane		6	U
1,1-Dichloroethane		6	U
1,2-Dichloroethane		6	U
1,1-Dichloroethene		6	U
1,2-Dichloroethene (Total)		6	U
1,2-Dichloropropane		6	U
cis-1,3-Dichloropropene		6	U
trans-1,3-Dichloropropene		6	U
Ethyl benzene		6	U
2-Hexanone		12	U
Methylene chloride		6	U
2-Methyl-2-pentanone		12	U
Styrene		6	U
1,1,2,2-Tetrachloroethane		6	U
Tetrachloroethene		6	U
Toluene		6	U
1,1,1-Trichloroethane		6	U
1,2-Trichloroethane		6	U
Trichloroethene		6	U
Vinyl acetate		12	U
Vinyl chloride		12	U
Total Xylenes		6	U

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
ab Job No:	A93-3936	Dilution Factor:	1
ab Sample ID:	AS050135	Sample Date:	11/05/93
Client Sample ID:	BW#6	Analysis Date:	11/15/93
		% Dry Weight:	88.80

Parameter	Units = UG/KG	Result	Q
Acetone		11	U
Benzene		5	U
Bromodichloromethane		5	U
Bromoform		5	U
Bromomethane		11	U
2-Butanone		11	U
Carbon Disulfide		5	U
Carbon Tetrachloride		5	U
Chlorobenzene		5	U
Chloroethane		11	U
Chloroform		5	U
Chloromethane		11	U
Dibromochloromethane		5	U
1,1-Dichloroethane		5	U
1,2-Dichloroethane		5	U
1,1-Dichloroethene		5	U
1,2-Dichloroethene (Total)		5	U
1,2-Dichloropropane		5	U
cis-1,3-Dichloropropene		5	U
trans-1,3-Dichloropropene		5	U
Ethyl benzene		5	U
2-Hexanone		11	U
Methylene chloride		5	U
4-Methyl-2-pentanone		11	U
Styrene		5	U
1,1,2,2-Tetrachloroethane		5	U
Tetrachloroethene		5	U
Toluene		5	U
1,1,1-Trichloroethane		5	U
1,1,2-Trichloroethane		5	U
Trichloroethene		5	U
Vinyl acetate		11	U
Vinyl chloride		11	U
Total Xylenes		5	U

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	1
Lab Sample ID:	AS050136	Sample Date:	11/05/93
Client Sample ID:	BW#7	Analysis Date:	11/15/93
		% Dry Weight:	83.00

Parameter	Units = UG/KG	Result	Q
Acetone		12	U
Benzene		6	U
Bromodichloromethane		6	U
Bromoform		6	U
Bromomethane		12	U
2-Butanone		12	U
Carbon Disulfide		6	U
Carbon Tetrachloride		6	U
Chlorobenzene		6	U
Chloroethane		12	U
Chloroform		6	U
Chloromethane		12	U
Dibromochloromethane		6	U
1,1-Dichloroethane		6	U
1,2-Dichloroethane		6	U
1,1-Dichloroethene		6	U
1,2-Dichloroethene (Total)		6	U
1,2-Dichloropropane		6	U
cis-1,3-Dichloropropene		6	U
trans-1,3-Dichloropropene		6	U
Ethyl benzene		6	U
2-Hexanone		12	U
Methylene chloride		6	U
2-Methyl-2-pentanone		12	U
Styrene		6	U
1,1,2,2-Tetrachloroethane		6	U
Tetrachloroethene		6	U
Toluene		6	U
1,1,1-Trichloroethane		6	U
1,1,2-Trichloroethane		6	U
Trichloroethene		6	U
Vinyl acetate		12	U
Vinyl chloride		12	U
Total Xylenes		6	U

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory: Recra Environmental, Inc. - RECNY Matrix: Soil
 Lab Job No: A93-3936 Dilution Factor: 1
 Lab Sample ID: AR012606
 Client Sample ID: METHOD BLANK(VBLK13) Analysis Date: 11/12/93
 % Dry Weight: 100.00

Parameter	Units = UG/KG	Result	Q
Acetone		10	U
Benzene		5	U
Bromodichloromethane		5	U
Bromoform		5	U
Bromomethane		10	U
2-Butanone		10	U
Carbon Disulfide		5	U
Carbon Tetrachloride		5	U
Chlorobenzene		0.9	J
Chloroethane		10	U
Chloroform		5	U
Chloromethane		10	U
Dibromochloromethane		5	U
1,1-Dichloroethane		5	U
1,2-Dichloroethane		5	U
1,1-Dichloroethene		5	U
1,2-Dichloroethene (Total)		5	U
1,2-Dichloropropane		5	U
cis-1,3-Dichloropropene		5	U
trans-1,3-Dichloropropene		5	U
Ethyl benzene		5	U
2-Hexanone		10	U
Methylene chloride		5	U
4-Methyl-2-pentanone		10	U
Styrene		5	U
1,1,2,2-Tetrachloroethane		5	U
Tetrachloroethene		5	U
Toluene		5	U
1,1,1-Trichloroethane		5	U
1,1,2-Trichloroethane		5	U
Trichloroethene		5	U
Vinyl acetate		10	U
Vinyl chloride		10	U
Total Xylenes		5	U

METHOD 8240 - TCL VOLATILE ORGANICS

Laboratory: Recra Environmental, Inc. - RECNY Matrix: Soil
 Lab Job No: A93-3936 Dilution Factor: 1
 Lab Sample ID: AR012607
 Client Sample ID: METHOD BLANK(VBLK15) Analysis Date: 11/15/93
 % Dry Weight: 100.00

Parameter	Units = UG/KG	Result	Q
Acetone		10	U
Benzene		5	U
Bromodichloromethane		5	U
Bromoform		5	U
Bromomethane		10	U
2-Butanone		10	U
Carbon Disulfide		5	U
Carbon Tetrachloride		5	U
Chlorobenzene		2	J
Chloroethane		10	U
Chloroform		5	U
Chloromethane		10	U
Dibromochloromethane		5	U
1,1-Dichloroethane		5	U
1,2-Dichloroethane		5	U
1,1-Dichloroethene		5	U
1,2-Dichloroethene (Total)		5	U
1,2-Dichloropropane		5	U
cis-1,3-Dichloropropene		5	U
trans-1,3-Dichloropropene		5	U
Ethyl benzene		5	U
2-Hexanone		10	U
Methylene chloride		5	U
4-Methyl-2-pentanone		10	U
Styrene		5	U
1,1,2,2-Tetrachloroethane		5	U
Tetrachloroethene		5	U
Toluene		5	U
1,1,1-Trichloroethane		5	U
1,1,2-Trichloroethane		5	U
Trichloroethene		5	U
Vinyl acetate		10	U
Vinyl chloride		10	U
Total Xylenes		5	U

LABELLA ASSOCIATES
METHOD 8240 - TCL VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Laboratory: Recra Environmental, Inc. - RECNY
Lab Job No: A93-3936

Client Sample ID	Lab Sample ID	S1 TOL #	S2 BFB #	S3 DCE #
TRIP BLANK	AS050129	96	101	99

QC Limits

S1	TOL	=	Toluene-D8	(88 - 110)
S2	BFB	=	p-Bromofluorobenzene	(86 - 115)
S3	DCE	=	1,2-Dichloroethane-D4	(76 - 114)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

LABELLA ASSOCIATES
METHOD 8240 - TCL VOLATILE ORGANICS
SOIL SURROGATE RECOVERY

Laboratory: Recra Environmental, Inc. - RECNY
Lab Job No: A93-3936

Client Sample ID	Lab Sample ID	S1 TOL #	S2 BFB #	S3 DCE #
BW#1	AS050130	103	90	91
BW#2	AS050131	106	89	95
BW#3	AS050132	110	89	96
BW#4	AS050133	105	99	91
BW#5	AS050134	114	89	93
BW#5 DUPLICATE	AS050134FD	108	93	92
BW#6	AS050135	104	95	95
BW#7	AS050136	99	90	91
METHOD BLANK (VBLK13)	AR012606	99	103	94
METHOD BLANK (VBLK15)	AR012607	99	102	98

QC Limits

S1	TOL	=	Toluene-D8	(81 - 117)
S2	BFB	=	p-Bromofluorobenzene	(74 - 121)
S3	DCE	=	1,2-Dichloroethane-D4	(70 - 121)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

LABELLA ASSOCIATES
METHOD 8240 - TCL VOLATILE ORGANICS
WATER INTERNAL STANDARDS RECOVERY

Laboratory: Recra Environmental, Inc. - RECNY
Lab Job No: A93-3936

Client Sample ID	Lab Sample ID	IS1	IS2	IS3
		BCM #	DFB #	CBZ #
TRIP BLANK	AS050129	90	84	81

QC Limits

IS1	BCM	=	Bromochloromethane	(50 - 200)
IS2	DFB	=	1,4-Difluorobenzene	(50 - 200)
IS3	CBZ	=	Chlorobenzene-D5	(50 - 200)

Column to be used to flag recovery values
* Values outside of contract required QC limits

LABELLA ASSOCIATES
METHOD 8240 - TCL VOLATILE ORGANICS
SOIL INTERNAL STANDARDS RECOVERY

Laboratory: Recra Environmental, Inc. - RECNY
Lab Job No: A93-3936

Client Sample ID	Lab Sample ID	IS1 BCM #	IS2 DFB #	IS3 CBZ #
BW#1	AS050130	110	103	91
BW#2	AS050131	82	72	60
BW#3	AS050132	86	77	59
BW#4	AS050133	113	106	96
BW#5	AS050134	84	69	52
BW#5 DUPLICATE	AS050134FD	96	86	73
BW#6	AS050135	105	101	93
BW#7	AS050136	114	112	114
METHOD BLANK (VBLK13)	AR012606	109	104	99
METHOD BLANK (VBLK15)	AR012607	99	101	97

QC Limits

IS1	BCM	=	Bromochloromethane	(50 - 200)
IS2	DFB	=	1,4-Difluorobenzene	(50 - 200)
IS3	CBZ	=	Chlorobenzene-D5	(50 - 200)

Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
I b Job No:	A93-3936	Dilution Factor:	1
I b Sample ID:	AS050130	Sample Date:	11/05/93
Client Sample ID:	BW#1	Analysis Date:	11/19/93
		Extraction Date:	11/18/93
		% Dry Weight:	85.70

Parameter	Units = UG/KG	Result	Q
Acenaphthene		380	U
Acenaphthylene		380	U
Anthracene		380	U
Benzo(a)anthracene		380	U
Benzo(b)fluoranthene		58	J
Benzo(k)fluoranthene		380	U
Benzo(ghi)perylene		380	U
Benzo(a)pyrene		380	U
Benzoic acid		1900	U
Benzyl alcohol		380	U
Bis(2-chloroethoxy) methane		380	U
Bis(2-chloroethyl) ether		380	U
Bis(2-chloroisopropyl) ether		380	U
Bis(2-ethylhexyl) phthalate		2000	
4-Bromophenyl phenyl ether		380	U
Butyl benzyl phthalate		380	U
4-Chloroaniline		380	U
4-Chloro-3-methylphenol		380	U
2-Chloronaphthalene		380	U
2-Chlorophenol		380	U
4-Chlorodiphenylether		380	U
Chrysene		66	J
Dibenzo(a,h)anthracene		380	U
Dibenzofuran		380	U
Di-n-butyl phthalate		380	U
1,2-Dichlorobenzene		380	U
1,3-Dichlorobenzene		380	U
1,4-Dichlorobenzene		380	U
3,3'-Dichlorobenzidine		770	U
2,4-Dichlorophenol		380	U
Diethyl phthalate		380	U
2,4-Dimethylphenol		380	U
Dimethyl phthalate		380	U
4,6-Dinitro-2-methylphenol		1900	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Job No:	A93-3936	Dilution Factor:	1
Sample ID:	AS050130	Sample Date:	11/05/93
Client Sample ID:	BW#1	Analysis Date:	11/19/93
		Extraction Date:	11/18/93
		% Dry Weight:	85.70

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		1900	U
2,4-Dinitrotoluene		380	U
2,6-Dinitrotoluene		380	U
Di-n-octyl phthalate		380	U
Fluoranthene		120	J
fluorene		380	U
hexachlorobenzene		380	U
Hexachlorobutadiene		380	U
Hexachlorocyclopentadiene		380	U
hexachloroethane		380	U
Indeno(1,2,3-cd)pyrene		380	U
Isophorone		380	U
-Methylnaphthalene		380	U
-Methylphenol		380	U
4-Methylphenol		380	U
naphthalene		380	U
-Nitroaniline		1900	U
3-Nitroaniline		1900	U
4-Nitroaniline		1900	U
nitrobenzene		380	U
2-Nitrophenol		380	U
4-Nitrophenol		1900	U
-nitrosodiphenylamine		380	U
-Nitroso-Di-n-propylamine		380	U
Pentachlorophenol		1900	U
phenanthrene		22	J
phenol		380	U
Pyrene		75	J
1,2,4-Trichlorobenzene		380	U
2,4,5-Trichlorophenol		1900	U
2,4,6-Trichlorophenol		380	U

LABELLA ASSOCIATES

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. -	RECNY	Matrix:	Soil
Lab Job No:	A93-3936		Dilution Factor:	1
Lab Sample ID:	AS050130RI		Sample Date:	11/05/93
Client Sample ID:	BW#1RI		Analysis Date:	11/22/93
			Extraction Date:	11/18/93
			% Dry Weight:	85.70

Parameter	Units = UG/KG	Result	Q
Acenaphthene		380	U
Acenaphthylene		380	U
Anthracene		380	U
Benzo(a)anthracene		380	U
Benzo(b)fluoranthene		55	J
Benzo(k)fluoranthene		380	U
Benzo(ghi)perylene		380	U
Benzo(a)pyrene		380	U
Benzoic acid		1900	U
Benzyl alcohol		380	U
Bis(2-chloroethoxy) methane		380	U
Bis(2-chloroethyl) ether		380	U
Bis(2-chloroisopropyl) ether		380	U
Bis(2-ethylhexyl) phthalate		1900	
4-Bromophenyl phenyl ether		380	U
Butyl benzyl phthalate		380	U
4-Chloroaniline		380	U
4-Chloro-3-methylphenol		380	U
2-Chloronaphthalene		380	U
4-Chlorophenol		380	U
4-Chlorodiphenylether		380	U
Chrysene		90	J
Dibenzo(a,h)anthracene		380	U
Dibenzofuran		380	U
Di-n-butyl phthalate		380	U
1,2-Dichlorobenzene		380	U
1,3-Dichlorobenzene		380	U
1,4-Dichlorobenzene		380	U
3,3'-Dichlorobenzidine		770	U
2,4-Dichlorophenol		380	U
Diethyl phthalate		380	U
2,4-Dimethylphenol		380	U
Dimethyl phthalate		380	U
2,6-Dinitro-2-methylphenol		1900	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Job No:	A93-3936	Dilution Factor:	1
Sample ID:	AS050130RI	Sample Date:	11/05/93
Client Sample ID:	BW#1RI	Analysis Date:	11/22/93
		Extraction Date:	11/18/93
		% Dry Weight:	85.70

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		1900	U
2,4-Dinitrotoluene		380	U
2,6-Dinitrotoluene		380	U
Di-n-octyl phthalate		380	U
Fluoranthene		120	J
Fluorene		380	U
Hexachlorobenzene		380	U
Hexachlorobutadiene		380	U
Hexachlorocyclopentadiene		380	U
Hexachloroethane		380	U
Indeno(1,2,3-cd)pyrene		380	U
Isophorone		380	U
1-Methylnaphthalene		380	U
1-Methylphenol		380	U
4-Methylphenol		380	U
Naphthalene		380	U
1-Nitroaniline		1900	U
3-Nitroaniline		1900	U
4-Nitroaniline		1900	U
1-Nitrobenzene		380	U
1-Nitrophenol		380	U
4-Nitrophenol		1900	U
1-Nitrosodiphenylamine		380	U
1-Nitroso-Di-n-propylamine		380	U
Pentachlorophenol		1900	U
Phenanthrene		21	J
Phenol		380	U
Pyrene		75	J
1,2,4-Trichlorobenzene		380	U
1,4,5-Trichlorophenol		1900	U
1,4,6-Trichlorophenol		380	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory: Recra Environmental, Inc. - RECNY Matrix: Soil
 Lab Job No: A93-3936 Dilution Factor: 10
 Lab Sample ID: AS050131 Sample Date: 11/05/93
 Client Sample ID: BW#2 Analysis Date: 11/22/93
 Extraction Date: 11/18/93
 % Dry Weight: 90.00

Parameter	Units = UG/KG	Result	Q
Acenaphthene		3600	U
Acenaphthylene		3600	U
Anthracene		3600	U
Benzo(a)anthracene		3600	U
Benzo(b)fluoranthene		1300	J
Benzo(k)fluoranthene		3600	U
Benzo(ghi)perylene		3600	U
Benzo(a)pyrene		3600	U
Benzoic acid		18000	U
Benzyl alcohol		3600	U
Bis(2-chloroethoxy) methane		3600	U
Bis(2-chloroethyl) ether		3600	U
Bis(2-chloroisopropyl) ether		3600	U
Bis(2-ethylhexyl) phthalate		3600	U
4-Bromophenyl phenyl ether		3600	U
Butyl benzyl phthalate		3600	U
4-Chloroaniline		3600	U
4-Chloro-3-methylphenol		3600	U
2-Chloronaphthalene		3600	U
2-Chlorophenol		3600	U
4-Chlorodiphenylether		3600	U
Chrysene		1700	J
Dibenzo(a,h)anthracene		3600	U
Dibenzofuran		3600	U
Di-n-butyl phthalate		3600	U
1,2-Dichlorobenzene		3600	U
1,3-Dichlorobenzene		3600	U
1,4-Dichlorobenzene		3600	U
3,3'-Dichlorobenzidine		7300	U
2,4-Dichlorophenol		3600	U
Diethyl phthalate		3600	U
2,4-Dimethylphenol		3600	U
Dimethyl phthalate		3600	U
4,6-Dinitro-2-methylphenol		18000	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. -	RECNY	Matrix:	Soil
L b Job No:	A93-3936		Dilution Factor:	10
L b Sample ID:	AS050131		Sample Date:	11/05/93
Client Sample ID:	BW#2		Analysis Date:	11/22/93
			Extraction Date:	11/18/93
			% Dry Weight:	90.00

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		18000	U
2,4-Dinitrotoluene		3600	U
2,6-Dinitrotoluene		3600	U
Di-n-octyl phthalate		3600	U
Fluoranthene		3000	J
Fluorene		3600	U
Hexachlorobenzene		3600	U
Hexachlorobutadiene		3600	U
Hexachlorocyclopentadiene		3600	U
Hexachloroethane		3600	U
Indeno (1,2,3-cd) pyrene		3600	U
Isophorone		3600	U
2-Methylnaphthalene		3600	U
2-Methylphenol		3600	U
4-Methylphenol		3600	U
Naphthalene		3600	U
2-Nitroaniline		18000	U
3-Nitroaniline		18000	U
4-Nitroaniline		18000	U
Nitrobenzene		3600	U
2-Nitrophenol		3600	U
4-Nitrophenol		18000	U
N-nitrosodiphenylamine		3600	U
N-Nitroso-Di-n-propylamine		3600	U
Pentachlorophenol		18000	U
Phenanthrene		840	J
Phenol		3600	U
Pyrene		1800	J
1,2,4-Trichlorobenzene		3600	U
1,4,5-Trichlorophenol		18000	U
1,4,6-Trichlorophenol		3600	U

LABELLA ASSOCIATES

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Job No:	A93-3936	Dilution Factor:	1
Sample ID:	AS050132	Sample Date:	11/05/93
Client Sample ID:	BW#3	Analysis Date:	11/19/93
		Extraction Date:	11/18/93
		% Dry Weight:	86.80

Parameter	Units = UG/KG	Result	Q
Acenaphthene		370	U
Acenaphthylene		370	U
Anthracene		370	U
Benzo(a)anthracene		370	U
Benzo(b)fluoranthene		370	U
Benzo(k)fluoranthene		370	U
Benzo(ghi)perylene		370	U
Benzo(a)pyrene		370	U
Benzoic acid		1800	U
Benzyl alcohol		370	U
Bis(2-chloroethoxy) methane		370	U
Bis(2-chloroethyl) ether		370	U
Bis(2-chloroisopropyl) ether		370	U
Bis(2-ethylhexyl) phthalate		4400	
4-Bromophenyl phenyl ether		370	U
Butyl benzyl phthalate		370	U
4-Chloroaniline		370	U
4-Chloro-3-methylphenol		370	U
2-Chloronaphthalene		370	U
2-Chlorophenol		370	U
4-Chlorodiphenylether		370	U
Chrysene		370	U
Dibenzo(a,h)anthracene		370	U
Dibenzofuran		370	U
Di-n-butyl phthalate		370	U
1,2-Dichlorobenzene		370	U
1,3-Dichlorobenzene		370	U
1,4-Dichlorobenzene		370	U
3,3'-Dichlorobenzidine		740	U
2,4-Dichlorophenol		370	U
Diethyl phthalate		370	U
2,4-Dimethylphenol		370	U
Dimethyl phthalate		370	U
4,6-Dinitro-2-methylphenol		1800	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECN	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	1
Lab Sample ID:	AS050132	Sample Date:	11/05/93
Client Sample ID:	BW#3	Analysis Date:	11/19/93
		Extraction Date:	11/18/93
		% Dry Weight:	86.80

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		1800	U
2,4-Dinitrotoluene		370	U
2,6-Dinitrotoluene		370	U
Di-n-octyl phthalate		370	U
Fluoranthene		370	U
Fluorene		370	U
Hexachlorobenzene		370	U
Hexachlorobutadiene		370	U
Hexachlorocyclopentadiene		370	U
Hexachloroethane		370	U
Indeno(1,2,3-cd)pyrene		370	U
Isophorone		370	U
2-Methylnaphthalene		370	U
2-Methylphenol		370	U
4-Methylphenol		370	U
Naphthalene		370	U
2-Nitroaniline		1800	U
3-Nitroaniline		1800	U
4-Nitroaniline		1800	U
Nitrobenzene		370	U
2-Nitrophenol		370	U
4-Nitrophenol		1800	U
N-nitrosodiphenylamine		370	U
N-Nitroso-Di-n-propylamine		370	U
Pentachlorophenol		1800	U
Phenanthrene		370	U
Phenol		370	U
Pyrene		370	U
1,2,4-Trichlorobenzene		370	U
2,4,5-Trichlorophenol		1800	U
2,4,6-Trichlorophenol		370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECN	Matrix:	Soil
I b Job No:	A93-3936	Dilution Factor:	1
I b Sample ID:	AS050133	Sample Date:	11/05/93
Client Sample ID:	BW#4	Analysis Date:	11/19/93
		Extraction Date:	11/18/93
		% Dry Weight:	85.70

Parameter	Units = UG/KG	Result	Q
Acenaphthene		380	U
Acenaphthylene		380	U
Anthracene		380	U
Benzo(a)anthracene		380	U
Benzo(b)fluoranthene		380	U
Benzo(k)fluoranthene		380	U
Benzo(ghi)perylene		380	U
Benzo(a)pyrene		380	U
Benzoic acid		1800	U
Benzyl alcohol		380	U
Bis(2-chloroethoxy) methane		380	U
Bis(2-chloroethyl) ether		380	U
Bis(2-chloroisopropyl) ether		380	U
Bis(2-ethylhexyl) phthalate		280	J
4-Bromophenyl phenyl ether		380	U
Butyl benzyl phthalate		380	U
1-Chloroaniline		380	U
1-Chloro-3-methylphenol		380	U
2-Chloronaphthalene		380	U
2-Chlorophenol		380	U
1-Chlorodiphenylether		380	U
Chrysene		380	U
Dibenzo(a,h)anthracene		380	U
Dibenzofuran		380	U
Di-n-butyl phthalate		380	U
1,2-Dichlorobenzene		380	U
1,3-Dichlorobenzene		380	U
1,4-Dichlorobenzene		380	U
3,3'-Dichlorobenzidine		760	U
2,4-Dichlorophenol		380	U
Diethyl phthalate		380	U
2,4-Dimethylphenol		380	U
Dimethyl phthalate		380	U
2,6-Dinitro-2-methylphenol		1800	U

LABELLA ASSOCIATES

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	1
Lab Sample ID:	AS050133	Sample Date:	11/05/93
Client Sample ID:	BW#4	Analysis Date:	11/19/93
		Extraction Date:	11/18/93
		% Dry Weight:	85.70

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		1800	U
2,4-Dinitrotoluene		380	U
2,6-Dinitrotoluene		380	U
Di-n-octyl phthalate		380	U
Fluoranthene		380	U
fluorene		380	U
hexachlorobenzene		380	U
Hexachlorobutadiene		380	U
hexachlorocyclopentadiene		380	U
hexachloroethane		380	U
Indeno(1,2,3-cd)pyrene		380	U
Isophorone		380	U
-Methylnaphthalene		380	U
2-Methylphenol		380	U
4-Methylphenol		380	U
naphthalene		380	U
-Nitroaniline		1800	U
3-Nitroaniline		1800	U
4-Nitroaniline		1800	U
nitrobenzene		380	U
2-Nitrophenol		380	U
4-Nitrophenol		1800	U
-nitrosodiphenylamine		380	U
N-Nitroso-Di-n-propylamine		380	U
Pentachlorophenol		1800	U
phenanthrene		380	U
phenol		380	U
Pyrene		380	U
1,2,4-Trichlorobenzene		380	U
2,4,5-Trichlorophenol		1800	U
2,4,6-Trichlorophenol		380	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. -	RECNY	Matrix:	Soil
ab Job No:	A93-3936		Dilution Factor:	10
ab Sample ID:	AS050134		Sample Date:	11/05/93
Client Sample ID:	BW#5		Analysis Date:	11/22/93
			Extraction Date:	11/18/93
			% Dry Weight:	95.40

Parameter	Units = UG/KG	Result	Q
Acenaphthene		3400	U
Acenaphthylene		3400	U
Anthracene		3400	U
Benzo(a)anthracene		3400	U
Benzo(b)fluoranthene		3400	U
Benzo(k)fluoranthene		3400	U
Benzo(ghi)perylene		3400	U
Benzo(a)pyrene		3400	U
Benzoic acid		16000	U
Benzyl alcohol		3400	U
Bis(2-chloroethoxy) methane		3400	U
Bis(2-chloroethyl) ether		3400	U
Bis(2-chloroisopropyl) ether		3400	U
Bis(2-ethylhexyl) phthalate		2200	J
4-Bromophenyl phenyl ether		3400	U
Butyl benzyl phthalate		3400	U
4-Chloroaniline		3400	U
4-Chloro-3-methylphenol		3400	U
2-Chloronaphthalene		3400	U
2-Chlorophenol		3400	U
4-Chlorodiphenylether		3400	U
Chrysene		3400	U
Dibenzo(a,h)anthracene		3400	U
Dibenzofuran		3400	U
Di-n-butyl phthalate		3400	U
1,2-Dichlorobenzene		3400	U
1,3-Dichlorobenzene		3400	U
1,4-Dichlorobenzene		3400	U
3,3'-Dichlorobenzidine		6800	U
2,4-Dichlorophenol		3400	U
Diethyl phthalate		3400	U
2,4-Dimethylphenol		3400	U
Dimethyl phthalate		3400	U
4,6-Dinitro-2-methylphenol		16000	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
I .b Job No:	A93-3936	Dilution Factor:	10
I .b Sample ID:	AS050134	Sample Date:	11/05/93
Client Sample ID:	BW#5	Analysis Date:	11/22/93
		Extraction Date:	11/18/93
		% Dry Weight:	95.40

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		16000	U
2,4-Dinitrotoluene		3400	U
2,6-Dinitrotoluene		3400	U
Di-n-octyl phthalate		3400	U
Fluoranthene		3400	U
Fluorene		3400	U
Hexachlorobenzene		3400	U
Hexachlorobutadiene		3400	U
Hexachlorocyclopentadiene		3400	U
Hexachloroethane		3400	U
Indeno(1,2,3-cd)pyrene		3400	U
Isophorone		3400	U
2-Methylnaphthalene		3400	U
2-Methylphenol		3400	U
4-Methylphenol		3400	U
Naphthalene		3400	U
2-Nitroaniline		16000	U
3-Nitroaniline		16000	U
4-Nitroaniline		16000	U
Nitrobenzene		3400	U
2-Nitrophenol		3400	U
4-Nitrophenol		16000	U
N-nitrosodiphenylamine		3400	U
N-Nitroso-Di-n-propylamine		3400	U
Pentachlorophenol		16000	U
Phenanthrene		3400	U
Phenol		3400	U
Pyrene		3400	U
1,2,4-Trichlorobenzene		3400	U
2,4,5-Trichlorophenol		16000	U
2,4,6-Trichlorophenol		3400	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. -	RECNY	Matrix:	Soil
Lab Job No:	A93-3936		Dilution Factor:	10
Lab Sample ID:	AS050134FD		Sample Date:	11/05/93
Client Sample ID:	BW#5 DUPLICATE		Analysis Date:	11/22/93
			Extraction Date:	11/18/93
			% Dry Weight:	95.40

Parameter	Units = UG/KG	Result	Q
Acenaphthene		3400	U
Acenaphthylene		3400	U
Anthracene		3400	U
Benzo(a)anthracene		3400	U
Benzo(b)fluoranthene		3400	U
Benzo(k)fluoranthene		3400	U
Benzo(ghi)perylene		3400	U
Benzo(a)pyrene		3400	U
Benzoic acid		16000	U
Benzyl alcohol		3400	U
Bis(2-chloroethoxy) methane		3400	U
Bis(2-chloroethyl) ether		3400	U
Bis(2-chloroisopropyl) ether		3400	U
Bis(2-ethylhexyl) phthalate		560	J
4-Bromophenyl phenyl ether		3400	U
Butyl benzyl phthalate		3400	U
4-Chloroaniline		3400	U
4-Chloro-3-methylphenol		3400	U
2-Chloronaphthalene		3400	U
2-Chlorophenol		3400	U
4-Chlorodiphenylether		3400	U
Chrysene		3400	U
Dibenzo(a,h)anthracene		3400	U
Dibenzofuran		3400	U
Di-n-butyl phthalate		3400	U
1,2-Dichlorobenzene		3400	U
1,3-Dichlorobenzene		3400	U
1,4-Dichlorobenzene		3400	U
3,3'-Dichlorobenzidine		6800	U
2,4-Dichlorophenol		3400	U
Diethyl phthalate		3400	U
2,4-Dimethylphenol		3400	U
Dimethyl phthalate		3400	U
4,6-Dinitro-2-methylphenol		16000	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
I b Job No:	A93-3936	Dilution Factor:	10
I b Sample ID:	AS050134FD	Sample Date:	11/05/93
Client Sample ID:	BW#5 DUPLICATE	Analysis Date:	11/22/93
		Extraction Date:	11/18/93
		% Dry Weight:	95.40

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		16000	U
2,4-Dinitrotoluene		3400	U
2,6-Dinitrotoluene		3400	U
Di-n-octyl phthalate		3400	U
Fluoranthene		3400	U
Fluorene		3400	U
Hexachlorobenzene		3400	U
Hexachlorobutadiene		3400	U
Hexachlorocyclopentadiene		3400	U
Hexachloroethane		3400	U
Indeno(1,2,3-cd)pyrene		3400	U
Isophorone		3400	U
2-Methylnaphthalene		3400	U
2-Methylphenol		3400	U
4-Methylphenol		3400	U
Naphthalene		3400	U
2-Nitroaniline		16000	U
3-Nitroaniline		16000	U
4-Nitroaniline		16000	U
Nitrobenzene		3400	U
3-Nitrophenol		3400	U
4-Nitrophenol		16000	U
N-nitrosodiphenylamine		3400	U
N-Nitroso-Di-n-propylamine		3400	U
Pentachlorophenol		16000	U
Phenanthrene		3400	U
Phenol		3400	U
Pyrene		3400	U
1,2,4-Trichlorobenzene		3400	U
2,4,5-Trichlorophenol		16000	U
2,4,6-Trichlorophenol		3400	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory: Recra Environmental, Inc. - RECNY
 Job No: A93-3936
 Lab Sample ID: AS050135
 Client Sample ID: BW#6

Matrix: Soil
 Dilution Factor: 1
 Sample Date: 11/05/93
 Analysis Date: 11/22/93
 Extraction Date: 11/18/93
 % Dry Weight: 79.00

Parameter	Units = UG/KG	Result	Q
Acenaphthene		1400	
Acenaphthylene		190	J
Anthracene		1300	
Benzo(a)anthracene		4500	
Benzo(b)fluoranthene		6200	
Benzo(k)fluoranthene		2100	
Benzo(ghi)perylene		1200	
Benzo(a)pyrene		3400	
Benzoic acid		2000	U
Benzyl alcohol		410	U
Bis(2-chloroethoxy) methane		410	U
Bis(2-chloroethyl) ether		410	U
Bis(2-chloroisopropyl) ether		410	U
Bis(2-ethylhexyl) phthalate		500	
4-Bromophenyl phenyl ether		410	U
Butyl benzyl phthalate		410	U
4-Chloroaniline		410	U
4-Chloro-3-methylphenol		410	U
2-Chloronaphthalene		410	U
2-Chlorophenol		410	U
4-Chlorodiphenylether		410	U
Chrysene		4100	
Dibenzo(a,h)anthracene		370	J
Dibenzofuran		1000	
Di-n-butyl phthalate		410	U
1,2-Dichlorobenzene		410	U
1,3-Dichlorobenzene		410	U
1,4-Dichlorobenzene		410	U
3,3'-Dichlorobenzidine		820	U
2,4-Dichlorophenol		410	U
Diethyl phthalate		410	U
2,4-Dimethylphenol		410	U
Dimethyl phthalate		410	U
4,6-Dinitro-2-methylphenol		2000	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	1
Lab Sample ID:	AS050135	Sample Date:	11/05/93
Client Sample ID:	BW#6	Analysis Date:	11/22/93
		Extraction Date:	11/18/93
		% Dry Weight:	79.00

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		2000	U
2,4-Dinitrotoluene		410	U
2,6-Dinitrotoluene		410	U
Di-n-octyl phthalate		410	U
Fluoranthene		13000	E
Fluorene		1300	
Hexachlorobenzene		410	U
Hexachlorobutadiene		410	U
Hexachlorocyclopentadiene		410	U
Hexachloroethane		410	U
Indeno(1,2,3-cd)pyrene		1600	
Isophorone		410	U
2-Methylnaphthalene		500	
2-Methylphenol		410	U
4-Methylphenol		410	U
Naphthalene		990	
2-Nitroaniline		2000	U
3-Nitroaniline		2000	U
4-Nitroaniline		2000	U
Nitrobenzene		410	U
2-Nitrophenol		410	U
4-Nitrophenol		2000	U
N-nitrosodiphenylamine		410	U
N-Nitroso-Di-n-propylamine		410	U
Pentachlorophenol		2000	U
Phenanthrene		8600	E
Phenol		410	U
Pyrene		6600	
1,2,4-Trichlorobenzene		410	U
2,4,5-Trichlorophenol		2000	U
2,4,6-Trichlorophenol		410	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	4
Lab Sample ID:	AS050135DL	Sample Date:	11/05/93
Client Sample ID:	BW#6DL	Analysis Date:	11/23/93
		Extraction Date:	11/18/93
		% Dry Weight:	79.00

Parameter	Units = UG/KG	Result	Q
Acenaphthene		1400	DJ
Acenaphthylene		180	DJ
Anthracene		1100	DJ
Benzo(a)anthracene		4900	D
Benzo(b)fluoranthene		4800	D
Benzo(k)fluoranthene		2300	D
Benzo(ghi)perylene		2200	D
Benzo(a)pyrene		3700	D
Benzoic acid		8000	U
Benzyl alcohol		1600	U
Bis(2-chloroethoxy) methane		1600	U
Bis(2-chloroethyl) ether		1600	U
Bis(2-chloroisopropyl) ether		1600	U
Bis(2-ethylhexyl) phthalate		1600	U
4-Bromophenyl phenyl ether		1600	U
Butyl benzyl phthalate		1600	U
4-Chloroaniline		1600	U
4-Chloro-3-methylphenol		1600	U
2-Chloronaphthalene		1600	U
2-Chlorophenol		1600	U
4-Chlorodiphenylether		1600	U
Chrysene		4800	D
Dibenzo(a,h)anthracene		640	DJ
Dibenzofuran		1100	DJ
Di-n-butyl phthalate		1600	U
1,2-Dichlorobenzene		1600	U
1,3-Dichlorobenzene		1600	U
1,4-Dichlorobenzene		1600	U
3,3'-Dichlorobenzidine		3300	U
2,4-Dichlorophenol		1600	U
Diethyl phthalate		1600	U
2,4-Dimethylphenol		1600	U
Dimethyl phthalate		1600	U
1,6-Dinitro-2-methylphenol		8000	U

LABELLA ASSOCIATES

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	4
Lab Sample ID:	AS050135DL	Sample Date:	11/05/93
Client Sample ID:	BW#6DL	Analysis Date:	11/23/93
		Extraction Date:	11/18/93
		% Dry Weight:	79.00

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		8000	U
2,4-Dinitrotoluene		1600	U
2,6-Dinitrotoluene		1600	U
Di-n-octyl phthalate		1600	U
Fluoranthene		12000	D
Fluorene		1500	DJ
Hexachlorobenzene		1600	U
Hexachlorobutadiene		1600	U
Hexachlorocyclopentadiene		1600	U
Hexachloroethane		1600	U
Indeno(1,2,3-cd)pyrene		2700	D
Isophorone		1600	U
2-Methylnaphthalene		430	DJ
2-Methylphenol		1600	U
4-Methylphenol		1600	U
Naphthalene		1000	DJ
2-Nitroaniline		8000	U
3-Nitroaniline		8000	U
4-Nitroaniline		8000	U
Nitrobenzene		1600	U
2-Nitrophenol		1600	U
4-Nitrophenol		8000	U
N-nitrosodiphenylamine		1600	U
N-Nitroso-Di-n-propylamine		1600	U
Pentachlorophenol		8000	U
Phenanthrene		13000	D
Phenol		1600	U
Pyrene		4900	D
1,2,4-Trichlorobenzene		1600	U
2,4,5-Trichlorophenol		8000	U
2,4,6-Trichlorophenol		1600	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	1
Lab Sample ID:	AS050135RI	Sample Date:	11/05/93
Client Sample ID:	BW#6RI	Analysis Date:	11/22/93
		Extraction Date:	11/18/93
		% Dry Weight:	79.00

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		2000	U
2,4-Dinitrotoluene		410	U
2,6-Dinitrotoluene		410	U
Di-n-octyl phthalate		410	U
Fluoranthene		14000	E
Fluorene		1300	
Hexachlorobenzene		410	U
Hexachlorobutadiene		410	U
Hexachlorocyclopentadiene		410	U
Hexachloroethane		410	U
Indeno(1,2,3-cd)pyrene		1500	
Isophorone		410	U
2-Methylnaphthalene		520	
2-Methylphenol		410	U
4-Methylphenol		410	U
Naphthalene		990	
2-Nitroaniline		2000	U
3-Nitroaniline		2000	U
4-Nitroaniline		2000	U
Nitrobenzene		410	U
2-Nitrophenol		410	U
4-Nitrophenol		2000	U
N-nitrosodiphenylamine		410	U
N-Nitroso-Di-n-propylamine		410	U
Pentachlorophenol		2000	U
Phenanthrene		9200	E
Phenol		410	U
Pyrene		6700	E
1,2,4-Trichlorobenzene		410	U
2,4,5-Trichlorophenol		2000	U
2,4,6-Trichlorophenol		410	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
Lab Job No:	A93-3936	Dilution Factor:	1
Lab Sample ID:	AS050135RI	Sample Date:	11/05/93
Client Sample ID:	BW#6RI	Analysis Date:	11/22/93
		Extraction Date:	11/18/93
		% Dry Weight:	79.00

Parameter	Units = UG/KG	Result	Q
Acenaphthene		1400	
Acenaphthylene		190	J
Anthracene		1300	
Benzo(a)anthracene		4500	
Benzo(b)fluoranthene		6200	
Benzo(k)fluoranthene		2600	
Benzo(ghi)perylene		1000	
Benzo(a)pyrene		3500	
Benzoic acid		2000	U
Benzyl alcohol		410	U
Bis(2-chloroethoxy) methane		410	U
Bis(2-chloroethyl) ether		410	U
Bis(2-chloroisopropyl) ether		410	U
Bis(2-ethylhexyl) phthalate		490	
4-Bromophenyl phenyl ether		410	U
Butyl benzyl phthalate		410	U
4-Chloroaniline		410	U
4-Chloro-3-methylphenol		410	U
2-Chloronaphthalene		410	U
2-Chlorophenol		410	U
4-Chlorodiphenylether		410	U
Chrysene		4300	
Dibenzo(a,h)anthracene		340	J
Dibenzofuran		1000	
Di-n-butyl phthalate		410	U
1,2-Dichlorobenzene		410	U
1,3-Dichlorobenzene		410	U
1,4-Dichlorobenzene		410	U
3,3'-Dichlorobenzidine		820	U
2,4-Dichlorophenol		410	U
Diethyl phthalate		410	U
2,4-Dimethylphenol		410	U
Dimethyl phthalate		410	U
4,6-Dinitro-2-methylphenol		2000	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. - RECNY	Matrix:	Soil
I b Job No:	A93-3936	Dilution Factor:	4
I b Sample ID:	AS050135V	Sample Date:	11/05/93
Client Sample ID:	BW#6DLRE	Analysis Date:	11/23/93
		Extraction Date:	11/18/93
		% Dry Weight:	79.00

Parameter	Units = UG/KG	Result	Q
Acenaphthene		1400	DJ
Acenaphthylene		200	DJ
Anthracene		1100	DJ
Benzo(a)anthracene		4400	D
Benzo(b)fluoranthene		6000	D
Benzo(k)fluoranthene		1600	U
Benzo(ghi)perylene		1800	D
Benzo(a)pyrene		3700	D
Benzoic acid		8000	U
Benzyl alcohol		1600	U
3is(2-chloroethoxy) methane		1600	U
Bis(2-chloroethyl) ether		1600	U
3is(2-chloroisopropyl) ether		1600	U
3is(2-ethylhexyl) phthalate		1600	U
4-Bromophenyl phenyl ether		1600	U
Butyl benzyl phthalate		1600	U
4-Chloroaniline		1600	U
4-Chloro-3-methylphenol		1600	U
2-Chloronaphthalene		1600	U
2-Chlorophenol		1600	U
4-Chlorodiphenylether		1600	U
Chrysene		5300	D
1,2-benzo(a,h)anthracene		580	DJ
1,2-benzofuran		1000	DJ
Di-n-butyl phthalate		1600	U
1,2-Dichlorobenzene		1600	U
1,3-Dichlorobenzene		1600	U
1,4-Dichlorobenzene		1600	U
3,3'-Dichlorobenzidine		3300	U
1,4-Dichlorophenol		1600	U
Diethyl phthalate		1600	U
2,4-Dimethylphenol		1600	U
Dimethyl phthalate		1600	U
2,6-Dinitro-2-methylphenol		8000	U

LABELLA ASSOCIATES

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. -	RECNY	Matrix:	Soil
Lab Job No:	A93-3936		Dilution Factor:	4
Lab Sample ID:	AS050135V		Sample Date:	11/05/93
Client Sample ID:	BW#6DLRE		Analysis Date:	11/23/93
			Extraction Date:	11/18/93
			% Dry Weight:	79.00

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		8000	U
2,4-Dinitrotoluene		1600	U
2,6-Dinitrotoluene		1600	U
Di-n-octyl phthalate		1600	U
Fluoranthene		13000	D
Fluorene		1600	D
Hexachlorobenzene		1600	U
Hexachlorobutadiene		1600	U
Hexachlorocyclopentadiene		1600	U
Hexachloroethane		1600	U
Indeno(1,2,3-cd)pyrene		2400	D
Isophorone		1600	U
2-Methylnaphthalene		430	DJ
2-Methylphenol		1600	U
4-Methylphenol		1600	U
Naphthalene		1000	DJ
2-Nitroaniline		8000	U
3-Nitroaniline		8000	U
4-Nitroaniline		8000	U
Nitrobenzene		1600	U
2-Nitrophenol		1600	U
4-Nitrophenol		8000	U
N-nitrosodiphenylamine		1600	U
N-Nitroso-Di-n-propylamine		1600	U
Pentachlorophenol		8000	U
Phenanthrene		14000	D
Phenol		1600	U
Pyrene		4600	D
1,2,4-Trichlorobenzene		1600	U
2,4,5-Trichlorophenol		8000	U
2,4,6-Trichlorophenol		1600	U

LABELLA ASSOCIATES

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory:	Recra Environmental, Inc. -	RECNY	Matrix:	Soil
I b Job No:	A93-3936		Dilution Factor:	1
I b Sample ID:	AS050136		Sample Date:	11/05/93
Client Sample ID:	BW#7		Analysis Date:	11/19/93
			Extraction Date:	11/18/93
			% Dry Weight:	82.40

Parameter	Units = UG/KG	Result	Q
Acenaphthene		390	U
Acenaphthylene		390	U
Anthracene		390	U
Benzo(a)anthracene		390	U
Benzo(b)fluoranthene		390	U
Benzo(k)fluoranthene		390	U
Benzo(ghi)perylene		390	U
Benzo(a)pyrene		390	U
Benzoic acid		1900	U
Benzyl alcohol		390	U
Bis(2-chloroethoxy) methane		390	U
Bis(2-chloroethyl) ether		390	U
Bis(2-chloroisopropyl) ether		390	U
Bis(2-ethylhexyl) phthalate		63	J
4-Bromophenyl phenyl ether		390	U
Butyl benzyl phthalate		390	U
4-Chloroaniline		390	U
4-Chloro-3-methylphenol		390	U
2-Chloronaphthalene		390	U
2-Chlorophenol		390	U
4-Chlorodiphenylether		390	U
Chrysene		390	U
Dibenzo(a,h)anthracene		390	U
Dibenzofuran		390	U
Di-n-butyl phthalate		390	U
1,2-Dichlorobenzene		390	U
1,3-Dichlorobenzene		390	U
1,4-Dichlorobenzene		390	U
3,3'-Dichlorobenzidine		780	U
2,4-Dichlorophenol		390	U
Diethyl phthalate		390	U
2,4-Dimethylphenol		390	U
Dimethyl phthalate		390	U
4,6-Dinitro-2-methylphenol		1900	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory: Recra Environmental, Inc. - RECNY
 Job No: A93-3936
 Lab Sample ID: AS050136
 Client Sample ID: BW#7

Matrix: Soil
 Dilution Factor: 1
 Sample Date: 11/05/93
 Analysis Date: 11/19/93
 Extraction Date: 11/18/93
 % Dry Weight: 82.40

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		1900	U
2,4-Dinitrotoluene		390	U
2,6-Dinitrotoluene		390	U
Di-n-octyl phthalate		390	U
Fluoranthene		390	U
Fluorene		390	U
Hexachlorobenzene		390	U
Hexachlorobutadiene		390	U
Hexachlorocyclopentadiene		390	U
Hexachloroethane		390	U
Indeno(1,2,3-cd)pyrene		390	U
Isophorone		390	U
2-Methylnaphthalene		390	U
2-Methylphenol		390	U
4-Methylphenol		390	U
Naphthalene		390	U
2-Nitroaniline		1900	U
3-Nitroaniline		1900	U
4-Nitroaniline		1900	U
Nitrobenzene		390	U
2-Nitrophenol		390	U
4-Nitrophenol		1900	U
N-nitrosodiphenylamine		390	U
N-Nitroso-Di-n-propylamine		390	U
Pentachlorophenol		1900	U
Phenanthrene		390	U
Phenol		390	U
Pyrene		390	U
1,2,4-Trichlorobenzene		390	U
2,4,5-Trichlorophenol		1900	U
2,4,6-Trichlorophenol		390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory: Recra Environmental, Inc. - RECNY Matrix: Soil
 Lab Job No: A93-3936 Dilution Factor: 1
 Lab Sample ID: AR012623
 Client Sample ID: METHOD BLANK(SBLK83) Analysis Date: 11/22/9
 Extraction Date: 11/18/9
 % Dry Weight: 100.00

Parameter	Units = UG/KG	Result	Q
Acenaphthene		330	U
Acenaphthylene		330	U
Anthracene		330	U
Benzo(a)anthracene		330	U
Benzo(b)fluoranthene		330	U
Benzo(k)fluoranthene		330	U
Benzo(ghi)perylene		330	U
Benzo(a)pyrene		330	U
Benzoic acid		1600	U
Benzyl alcohol		330	U
Bis(2-chloroethoxy) methane		330	U
Bis(2-chloroethyl) ether		330	U
Bis(2-chloroisopropyl) ether		330	U
Bis(2-ethylhexyl) phthalate		330	U
4-Bromophenyl phenyl ether		330	U
Butyl benzyl phthalate		330	U
4-Chloroaniline		330	U
4-Chloro-3-methylphenol		330	U
2-Chloronaphthalene		330	U
2-Chlorophenol		330	U
4-Chlorodiphenylether		330	U
Chrysene		330	U
Dibenzo(a,h)anthracene		330	U
Dibenzofuran		330	U
Di-n-butyl phthalate		330	U
1,2-Dichlorobenzene		330	U
1,3-Dichlorobenzene		330	U
1,4-Dichlorobenzene		330	U
3,3'-Dichlorobenzidine		660	U
2,4-Dichlorophenol		330	U
Diethyl phthalate		330	U
2,4-Dimethylphenol		330	U
Dimethyl phthalate		330	U
4,6-Dinitro-2-methylphenol		1600	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Laboratory: Recra Environmental, Inc. - RECNY Matrix: Soil
 I b Job No: A93-3936 Dilution Factor: 1
 Lab Sample ID: AR012623
 Client Sample ID: METHOD BLANK(SBLK83) Analysis Date: 11/22/93
 Extraction Date: 11/18/93
 % Dry Weight: 100.00

Parameter	Units = UG/KG	Result	Q
2,4-Dinitrophenol		1600	U
2,4-Dinitrotoluene		330	U
2,6-Dinitrotoluene		330	U
Di-n-octyl phthalate		330	U
Fluoranthene		330	U
Fluorene		330	U
Hexachlorobenzene		330	U
Hexachlorobutadiene		330	U
Hexachlorocyclopentadiene		330	U
Hexachloroethane		330	U
Indeno(1,2,3-cd)pyrene		330	U
Isophorone		330	U
2-Methylnaphthalene		330	U
2-Methylphenol		330	U
4-Methylphenol		330	U
Naphthalene		330	U
2-Nitroaniline		1600	U
3-Nitroaniline		1600	U
4-Nitroaniline		1600	U
Nitrobenzene		330	U
2-Nitrophenol		330	U
4-Nitrophenol		1600	U
N-nitrosodiphenylamine		330	U
N-Nitroso-Di-n-propylamine		330	U
Pentachlorophenol		1600	U
Phenanthrene		330	U
Phenol		330	U
Pyrene		330	U
1,2,4-Trichlorobenzene		330	U
2,4,5-Trichlorophenol		1600	U
2,4,6-Trichlorophenol		330	U

LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL SURROGATE RECOVERY

Laboratory: Recra Environmental, Inc. - RECNY
Lab Job No: A93-3936

Client Sample ID	Lab Sample ID	S1 NBZ #	S2 FBP #	S3 TPH #	S4 PHL #	S5 2FP #	S6 TBP #
BW#1	AS050130	83	71	53	79	92	75
BW#1RI	AS050130RI	81	76	59	84	92	84
BW#2	AS050131	52	60	61	47	57	54
BW#3	AS050132	94	90	85	86	98	82
BW#4	AS050133	83	79	76	75	87	75
BW#5	AS050134	56	66	80	56	66	63
BW#5 DUPLICATE	AS050134FD	58	71	101	58	69	73
BW#6	AS050135	79	76	80	82	88	85
BW#6DL	AS050135DL	77	82	39	74	94	57
BW#6DLRE	AS050135V	79	80	38	77	94	56
BW#6RI	AS050135RI	75	77	78	78	96	84
BW#7	AS050136	97	92	88	84	98	85
METHOD BLANK (SBLK83)	AR012623	91	87	72	89	102	73

QC Limits

S1 NBZ = Nitrobenzene-D5 (23 - 120)
S2 FBP = 2-Fluorobiphenyl (30 - 115)
S3 TPH = Terphenyl-D14 (18 - 137)
S4 PHL = Phenol-D5 (24 - 113)

QC Limits

S5 2FP = 2-Fluorophenol (25 - 121)
S6 TBP = 2,4,6-Tribromophenol (19 - 122)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL INTERNAL STANDARDS RECOVERY

Laboratory: Recra Environmental, Inc. - RECNY
Lab Job No: A93-3936

Client Sample ID	Lab Sample ID	IS1 PHN #	IS2 CRY #	IS3 PRY #	IS4 DCB #	IS5 NPT #	IS6 ANT #
BW#1	AS050130	259 *	498 *	438 *	186	191	265 *
BW#1RI	AS050130RI	173	312 *	277 *	104	109	154
BW#2	AS050131	132	197	119	71	75	114
BW#3	AS050132	127	112	173	133	128	134
BW#4	AS050133	125	105	181	144	137	133
BW#5	AS050134	150	197	104	78	86	128
BW#5 DUPLICATE	AS050134FD	170	186	91	79	89	139
BW#6	AS050135	150	256 *	143	79	89	128
BW#6DL	AS050135DL	69	134	358 *	101	93	116
BW#6DLRE	AS050135V	61	141	389 *	81	75	98
BW#6RI	AS050135RI	145	252 *	130	72	84	122
BW#7	AS050136	137	109	178	154	139	146
METHOD BLANK (SBLK83)	AR012623	111	151	190	123	114	124

QC Limits

IS1 PHN = Phenanthrene-D10 (50 - 200)
IS2 CRY = Chrysene-D12 (50 - 200)
IS3 PRY = Perylene-D12 (50 - 200)
IS4 DCB = 1,4-Dichlorobenzene-D4 (50 - 200)

QC Limits

IS5 NPT = Naphthalene-D8 (50 - 200)
IS6 ANT = Acenaphthene-D10 (50 - 200)

Column to be used to flag recovery values
* Values outside of contract required QC limits

LABELLA ASSOCIATES

Total Metals Analysis

Laboratory: Recra Environmental, Inc. - RECN
 Lab Job No: A93-3936
 Lab Sample ID: AS050130
 Client Sample ID: BW#1

Matrix: Soil
 Sample Date: 11/05/93
 % Dry Weight: 85.70
 Dilution Factor: 1

Parameter	Units	Method	Digestion Date	Analysis Date	Result	Q
Arsenic - Total	MG/KG	7060	11/19/93	11/29/93	1.0	
Barium - Total	MG/KG	6010	11/19/93	11/23/93	62.6	
Cadmium - Total	MG/KG	6010	11/19/93	11/23/93	1.1	
Chromium - Total	MG/KG	6010	11/19/93	11/23/93	3.3	
Lead - Total	MG/KG	6010	11/19/93	11/23/93	36.5	
Mercury - Total	MG/KG	7471	11/29/93	11/29/93	0.10	U
Selenium - Total	MG/KG	7740	11/19/93	11/28/93	0.34	U
Silver - Total	MG/KG	7761	11/19/93	11/29/93	0.023	U

LABELLA ASSOCIATES

Total Metals Analysis

Laboratory: Recra Environmental, Inc. - RECNY
 Lab Job No: A93-3936
 Lab Sample ID: AS050131
 Client Sample ID: BW#2

Matrix: Soil
 Sample Date: 11/05/93
 % Dry Weight: 90.00
 Dilution Factor: 1

Parameter	Units	Method	Digestion Date	Analysis Date	Result	Q
Arsenic - Total	MG/KG	7060	11/19/93	11/29/93	1.0	
Barium - Total	MG/KG	6010	11/19/93	11/23/93	120	
Cadmium - Total	MG/KG	6010	11/19/93	11/23/93	1.4	
Chromium - Total	MG/KG	6010	11/19/93	11/23/93	6.6	
Lead - Total	MG/KG	6010	11/19/93	11/23/93	17.2	
Mercury - Total	MG/KG	7471	11/29/93	11/29/93	0.10	U
Selenium - Total	MG/KG	7740	11/19/93	11/28/93	0.33	U
Silver - Total	MG/KG	7761	11/19/93	11/29/93	0.022	U

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LABELLA ASSOCIATES

Total Metals Analysis

Laboratory: Recra Environmental, Inc. - RECNY
 Lab Job No: A93-3936
 Lab Sample ID: AS050132
 Client Sample ID: BW#3

Matrix: Soil
 Sample Date: 11/05/93
 % Dry Weight: 86.80
 Dilution Factor: 1

Parameter	Units	Method	Digestion Date	Analysis Date	Result	Q
Arsenic - Total	MG/KG	7060	11/19/93	11/29/93	2.3	U U
Barium - Total	MG/KG	6010	11/19/93	11/23/93	95.8	
Cadmium - Total	MG/KG	6010	11/19/93	11/23/93	4.8	
Chromium - Total	MG/KG	6010	11/19/93	11/23/93	15.1	
Lead - Total	MG/KG	6010	11/19/93	11/23/93	11.0	
Mercury - Total	MG/KG	7471	11/29/93	11/29/93	0.10	
Selenium - Total	MG/KG	7740	11/19/93	11/28/93	0.34	
Silver - Total	MG/KG	7761	11/19/93	11/29/93	0.034	

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LABELLA ASSOCIATES

Total Metals Analysis

Laboratory: Recra Environmental, Inc. - RECNY
 Lab Job No: A93-3936
 Lab Sample ID: AS050133
 Client Sample ID: BW#4

Matrix: Soil
 Sample Date: 11/05/93
 % Dry Weight: 85.70
 Dilution Factor: 1

Parameter	Units	Method	Digestion Date	Analysis Date	Result	Q
Arsenic - Total	MG/KG	7060	11/19/93	11/29/93	2.1	U
Barium - Total	MG/KG	6010	11/19/93	11/23/93	132	
Cadmium - Total	MG/KG	6010	11/19/93	11/23/93	4.4	
Chromium - Total	MG/KG	6010	11/19/93	11/23/93	17.7	
Lead - Total	MG/KG	6010	11/19/93	11/23/93	13.5	
Mercury - Total	MG/KG	7471	11/29/93	11/29/93	0.11	
Selenium - Total	MG/KG	7740	11/19/93	11/28/93	0.36	
Silver - Total	MG/KG	7761	11/19/93	11/29/93	0.035	U

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LADELL ASSOCIATES

Total Metals Analysis

Laboratory: Recra Environmental, Inc. - RECNY
 Lab Job No: A93-3936
 Lab Sample ID: AS050134
 Client Sample ID: BW#5

Matrix: Soil
 Sample Date: 11/05/93
 % Dry Weight: 95.40
 Dilution Factor: 1

Parameter	Units	Method	Digestion Date	Analysis Date	Result	Q
Arsenic - Total	MG/KG	7060	11/19/93	11/29/93	1.7	U U
Barium - Total	MG/KG	6010	11/19/93	11/23/93	101	
Cadmium - Total	MG/KG	6010	11/19/93	11/23/93	5.9	
Chromium - Total	MG/KG	6010	11/19/93	11/23/93	20.7	
Lead - Total	MG/KG	6010	11/19/93	11/23/93	26.0	
Mercury - Total	MG/KG	7471	11/29/93	11/29/93	0.098	
Selenium - Total	MG/KG	7740	11/19/93	11/28/93	0.32	
Silver - Total	MG/KG	7761	11/19/93	11/29/93	0.021	

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LABELLA ASSOCIATES

Total Metals Analysis

Laboratory: Recra Environmental, Inc. - RECN
 Lab Job No: A93-3936
 Lab Sample ID: AS050134FD
 Client Sample ID: BW#5 DUPLICATE

Matrix: Soil
 Sample Date: 11/05/93
 % Dry Weight: 95.40
 Dilution Factor: 1

Parameter	Units	Method	Digestion Date	Analysis Date	Result	Q
Arsenic - Total	MG/KG	7060	11/19/93	11/29/93	4.6	
Barium - Total	MG/KG	6010	11/19/93	11/23/93	156	
Cadmium - Total	MG/KG	6010	11/19/93	11/23/93	3.8	
Chromium - Total	MG/KG	6010	11/19/93	11/23/93	22.9	
Lead - Total	MG/KG	6010	11/19/93	11/23/93	16.8	
Mercury - Total	MG/KG	7471	11/29/93	11/29/93	0.098	U
Selenium - Total	MG/KG	7740	11/19/93	11/28/93	0.31	U
Silver - Total	MG/KG	7761	11/19/93	11/29/93	0.021	U

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ELLEN ASSOCIATES

Total Metals Analysis

Laboratory: Recra Environmental, Inc. - RECNY
 Lab Job No: A93-3936
 Lab Sample ID: AS050135
 Client Sample ID: BW#6

Matrix: Soil
 Sample Date: 11/05/93
 % Dry Weight: 79.00
 Dilution Factor: 1

Parameter	Units	Method	Digestion Date	Analysis Date	Result	Q
Arsenic - Total	MG/KG	7060	11/19/93	11/29/93	3.5	U U
Barium - Total	MG/KG	6010	11/19/93	11/23/93	107	
Cadmium - Total	MG/KG	6010	11/19/93	11/23/93	4.2	
Chromium - Total	MG/KG	6010	11/19/93	11/23/93	13.1	
Lead - Total	MG/KG	6010	11/19/93	11/23/93	120	
Mercury - Total	MG/KG	7471	11/29/93	11/29/93	0.10	
Selenium - Total	MG/KG	7740	11/19/93	11/28/93	0.38	
Silver - Total	MG/KG	7761	11/19/93	11/29/93	0.051	

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LABELLA ASSOCIATES

Total Metals Analysis

Laboratory: Recra Environmental, Inc. - RECNY
 Lab Job No: A93-3936
 Lab Sample ID: AS050136
 Client Sample ID: BW#7

Matrix: Soil
 Sample Date: 11/05/93
 % Dry Weight: 82.40
 Dilution Factor: 1

Parameter	Units	Method	Digestion Date	Analysis Date	Result	Q
Arsenic - Total	MG/KG	7060	11/19/93	11/29/93	3.1	U
Barium - Total	MG/KG	6010	11/19/93	11/23/93	102	
Cadmium - Total	MG/KG	6010	11/19/93	11/23/93	4.4	
Chromium - Total	MG/KG	6010	11/19/93	11/23/93	14.7	
Lead - Total	MG/KG	6010	11/19/93	11/23/93	13.1	
Mercury - Total	MG/KG	7471	11/29/93	11/29/93	0.11	
Selenium - Total	MG/KG	7740	11/19/93	11/28/93	0.36	
Silver - Total	MG/KG	7761	11/19/93	11/29/93	0.036	U

10055

Total Metals Analysis

Laboratory: Recra Environmental, Inc. - RECNY
Lab Job No: A93-3936
Lab Sample ID: AR012639
Client Sample ID: METHOD BLANK

Matrix: Soil

Dilution Factor: 1

Parameter	Units	Method	Digestion Date	Analysis Date	Result	Q
Arsenic - Total	MG/KG	7060	11/19/93	11/29/93	0.040	U
Barium - Total	MG/KG	6010	11/19/93	11/23/93	40.0	U
Cadmium - Total	MG/KG	6010	11/19/93	11/23/93	1.0	U
Chromium - Total	MG/KG	6010	11/19/93	11/23/93	1.0	U
Lead - Total	MG/KG	6010	11/19/93	11/23/93	4.0	U
Mercury - Total	MG/KG	7471	11/29/93	11/29/93	0.020	U
Selenium - Total	MG/KG	7740	11/19/93	11/28/93	0.30	U
Silver - Total	MG/KG	7761	11/19/93	11/29/93	0.020	U