SEVERN TRENT SERVICES

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705-4808

Tel: 714 258 8610
Fax: 714 258 0921
www.stl-inc.com

May 16, 2001

STL LOT NUMBER: **E1E100305**
NELAC certification number: 01118CA
PO/CONTRACT: 05160-SEV002-00-S56

Bob Logan
Kennedy/Jenks Consultants
2151 Michelson Drive
Suite 10
Irvine, CA 92612

Dear Mr. Logan,

This report contains the analytical results for the six samples received under chain of custody by Severn Trent Laboratories (STL Los Angeles) on May 10, 2001. These samples are associated with your BRC former C-6 Torrance Harbor Gateway project.

All applicable quality control procedures met method-specified acceptance criteria. See Project Receipt Checklist for container temperature and conditions. Temperature reading beyond 2 to 6 degrees Celsius is considered not within acceptable criteria unless otherwise noted such as limited transit time from field and test requested. Any matrix related anomaly is footnoted within the report.

STL Los Angeles certifies that the tests performed in our facility meet all the requirements of NELAC. This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at (714) 258-8610.

Sincerely,

Diane Suzuki
Project Manager

cc: Project File

This report contains 000066 pages.

STL Los Angeles is a part of Severn Trent Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

BOE-C6-0124070

Chain of Custody Record

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client	Project Manager	Date	Chain of Custody Number
Kennedy / Jenks	Bob Logan	5-10-01	024784
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
2151 Michelson Dr. Suite 100	949-261-1577		

City	State	Zip Code	Site Contact	Lab Contact
Irvine	CA.	92612	Shane Scrimshire	

Project Name and Location (State)	Carrier/Waybill Number
Boeing Parcel C	

Contract/Purchase Order/Quote No.: 004034.00

Analysis (Attach list if more space is needed)

Sample i.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8015 / TPH	8260 / VOC's	6000/7000 Metals	8080 8082 PCB	Perchlorate	Special Instructions/ Conditions of Receipt
Build-2-W-11-050901-2	5/9/01	1410				Y	X						X	X	X			Please Run 7192 if total Chrome Exceeds 76mg/kg
Build-2-W-11-050901-3	↓	1420				↓	↓						X	X	X			
Build-2-AN-23-051001-1	5/10/01	0930											X	X	X	X	← 24hr only	Run 8270 + 8310 if tpH is detected
Build-2-AN-23-051001-2	↓	1115											X	X	X	X	Hold	↓
Build-2-AN-20-051001-1		1120											X	X	X	X	Hold	
Build-2-AN-19-051001-1		1125											X	X	X	X	Hold	

Possible Hazard Identification: 5 day
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5-10-01	1625	1. Received By	5-10-01	1625
2. Relinquished By	5-10-01	1745	2. Received By	5-10-01	17:45
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

200000

BOE-C6-0124071

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 5/10/01

Quantims Lot #: E1E100 30T
Quote #: 38629
Client Name: Kennedy Jenks
Project: Boeing C6
Received by: Brcook
Date/Time Received: 5/10/01 17:45
Delivered by : ☐Client ☐Airborne ☐Fed Ex ☐DHL ☐Ultra-Ex ☐Rey B. ☐UPS ☐DES ☒Other Mike H.

Initial / Date

Custody Seal Status: ☐Intact ☐Broken ☒None ..... AR 5/10/01
Custody Seal #(s): ☒No Seal # .....
Sample Container(s): ☐STL-LA ☒Client ☐N/A .....
Temperature(s) (COOLER/BLANK) in °C: 6° C (CORRECTED TEMP).....
Thermometer Used : ☒IR (Infra-red) ☐Digital (Probe) .....
Samples: ☒Intact ☐Broken ☐Other _____ .....
Anomalies: ☒No ☐Yes (See Clouseau) .....
Labeled by ..... AR
Labeling checked by .....

Turn Around Time: ☒RUSH–24HR ☐RUSH–48HR ☐RUSH–72HR ☒NORMAL 5 days
Short-Hold Notification: ☐Ph ☐Wet Chem ☐Metals (Filter/Pres). ☐Encore ☒N/A ...
Outside Analysis(es) (Test/Lab/Date Sent Out) : None

********** LEAVE NO BLANK SPACES ; USE N/A **********

Fraction	1→6										PH
VOAh /*											N/A
Slave	1										—

h:HCl na:Sodium Hydroxide zna:Zinc Acetate/Sodium Hydroxide s: H2SO4 n:HNO3 n/f:HNO3-Field filtered n/fl:HNO3-Lab filtered
CGJ:Clear Glass Jar CGB:Clear Glass Bottle AGJ:Amber Glass Jar AGB:Amber Glass Bottle PB: Poly Bottle E:Encore Sampler V:VOA

* Number of VOA's w/ Headspace present

LOGGED BY/DATE: Brcook 5/10/01 REVIEWED BY/DATE: T Swart 5-11-01

PRC Ver. 5 030200 KRF

QAMACASTWK/Product/Sample Control Forms

000003

BOE-C6-0124072

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build_2_AN_23_051001_1

GC Semivolatiles

Lot-Sample #...: E1E100305-003 **Work Order #...:** EC6T61AC **Matrix.....:** SOLID
Date Sampled...: 05/10/01 09:30 **Date Received..:** 05/10/01 17:45 **MS Run #.....:** 1130254
Prep Date.....: 05/10/01 **Analysis Date..:** 05/11/01
Prep Batch #...: 1130502 **Analysis Time..:** 10:48
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G02
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	**13**	**10**	**mg/kg**	**5.0**
C20-C23	**21**	**10**	**mg/kg**	**5.0**
C24-C27	**11**	**10**	**mg/kg**	**5.0**
C28-C31	**11**	**10**	**mg/kg**	**5.0**
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	**68**	**10**	**mg/kg**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	96	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build_2_AN_23_051001_1

GC Volatiles

Lot-Sample #...: E1E100305-003 **Work Order #...:** EC6T61AD **Matrix.....:** SOLID
Date Sampled...: 05/10/01 09:30 **Date Received..:** 05/10/01 17:45 **MS Run #.....:** 1131125
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131285 **Analysis Time..:** 21:38
Dilution Factor: 1
Analyst ID.....: 001464 **Instrument ID..:** G15
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	81	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build_2_AN_23_051001_1

GC Semivolatiles

Lot-Sample #...: E1E100305-003 **Work Order #...:** EC6T61A1 **Matrix.....:** SOLID
Date Sampled...: 05/10/01 09:30 **Date Received..:** 05/10/01 17:45 **MS Run #.....:** 1131128
Prep Date.....: 05/11/01 **Analysis Date..:** 05/11/01
Prep Batch #...: 1131298 **Analysis Time..:** 13:22
Dilution Factor: 1
Analyst ID.....: 018568 **Instrument ID..:** G8B
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	33	ug/kg	10
Aroclor 1221	ND	33	ug/kg	10
Aroclor 1232	ND	33	ug/kg	10
Aroclor 1242	ND	33	ug/kg	10
Aroclor 1248	ND	33	ug/kg	10
Aroclor 1254	ND	33	ug/kg	10
Aroclor 1260	ND	33	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	62	(60 - 140)
Tetrachloro-m-xylene	67	(60 - 140)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build_2_AN_23_051001_1

GC/MS Volatiles

Lot-Sample #...: E1E100305-003 **Work Order #...:** EC6T61AA **Matrix.....:** SOLID
Date Sampled...: 05/10/01 09:30 **Date Received..:** 05/10/01 17:45 **MS Run #.....:** 1131090
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131234 **Analysis Time..:** 19:16
Dilution Factor: 1
Analyst ID.....: 999998 **Instrument ID..:** MSD
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	**33**	**25**	**ug/kg**	**15**
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build_2_AN_23_051001_1

GC/MS Volatiles

Lot-Sample #...: E1E100305-003 **Work Order #...:** EC6T61AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	103	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build_2_AN_23_051001_1

TOTAL Metals

Lot-Sample #...: E1E100305-003 Matrix.....: SOLID
Date Sampled...: 05/10/01 09:30 Date Received..: 05/10/01 17:45

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1130458						
Silver	ND	1.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6T61AT
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.10	
Aluminum	**19200**	**20.0**	**mg/kg**	**SW846 6010B**	**05/10-05/14/01**	**EC6T61AE**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 8.0	
Arsenic	**83.5**	**1.0**	**mg/kg**	**SW846 6010B**	**05/10-05/14/01**	**EC6T61AG**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.40	
Barium	**140**	**2.0**	**mg/kg**	**SW846 6010B**	**05/10-05/14/01**	**EC6T61AH**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.10	
Beryllium	**0.60**	**0.50**	**mg/kg**	**SW846 6010B**	**05/10-05/14/01**	**EC6T61AJ**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.050	
Cadmium	**0.57**	**0.50**	**mg/kg**	**SW846 6010B**	**05/10-05/14/01**	**EC6T61AK**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.050	
Cobalt	**10.4**	**5.0**	**mg/kg**	**SW846 6010B**	**05/10-05/14/01**	**EC6T61AL**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.10	
Chromium	**23.0**	**1.0**	**mg/kg**	**SW846 6010B**	**05/10-05/14/01**	**EC6T61AX**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.10	
Copper	**40.3**	**2.5**	**mg/kg**	**SW846 6010B**	**05/10-05/14/01**	**EC6T61AM**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build_2_AN_23_051001_1

TOTAL Metals

Lot-Sample #...: E1E100305-003 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6T61AP
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.30	
Nickel	17.9	4.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6T61AQ
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.30	
Lead	16.3	0.50	mg/kg	SW846 6010B	05/10-05/14/01	EC6T61AN
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.30	
Antimony	0.28 B	6.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6T61AF
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.20	
Selenium	0.56	0.50	mg/kg	SW846 6010B	05/10-05/14/01	EC6T61AR
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.40	
Thallium	1.4	1.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6T61AU
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.50	
Vanadium	44.4	5.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6T61AV
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 0.10	
Zinc	66.6	2.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6T61AW
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 0031194	
		Instrument ID..: M01		MS Run #.....: 1130224	MDL.....: 1.0	

Prep Batch #...: 1130459

Mercury	0.042 B	0.10	mg/kg	SW846 7471A	05/11/01	EC6T61A0
		Dilution Factor: 1		Analysis Time..: 15:26	Analyst ID.....: 0031194	
		Instrument ID..: M04		MS Run #.....: 1130226	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E1E100305

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8015B		1130502	1130254
	SOLID	SW846 8015B		1131285	1131125
	SOLID	SW846 7471A		1130459	1130226
	SOLID	SW846 8260B		1131384	1131190
	SOLID	SW846 6010B		1130458	1130224
002	SOLID	SW846 8015B		1130502	1130254
	SOLID	SW846 8015B		1131285	1131125
	SOLID	SW846 7471A		1130459	1130226
	SOLID	SW846 8260B		1131384	1131190
	SOLID	SW846 6010B		1130458	1130224
003	SOLID	SW846 8015B		1130502	1130254
	SOLID	SW846 8015B		1131285	1131125
	SOLID	SW846 7471A		1130459	1130226
	SOLID	SW846 8082		1131298	1131128
	SOLID	SW846 8260B		1131234	1131090
	SOLID	SW846 6010B		1130458	1130224

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1E100305
MB Lot-Sample #: E1E100000-502

Analysis Date..: 05/11/01
Dilution Factor: 1

Work Order #...: EC60K1AA

Prep Date.....: 05/10/01
Prep Batch #...: 1130502

Analyst ID.....: 356074

Matrix.....: SOLID

Analysis Time..: 09:30
Instrument ID..: G02

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	92	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E100305
MB Lot-Sample #: E1E110000-234

Analysis Date..: 05/10/01
Dilution Factor: 1

Work Order #...: EC7W51AA

Prep Date.....: 05/10/01
Prep Batch #...: 1131234

Analyst ID.....: 999998

Matrix.....: SOLID

Analysis Time..: 09:47
Instrument ID..: MSD

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC7W51AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	98	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1E100305
MB Lot-Sample #: E1E110000-285
Analysis Date..: 05/10/01
Dilution Factor: 1

Work Order #...: EC8CJ1AA
Prep Date.....: 05/10/01
Prep Batch #...: 1131285
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time..: 12:48
Instrument ID..: G15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	ND	1.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	83	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1E100305
MB Lot-Sample #: E1E110000-298
Analysis Date..: 05/11/01
Dilution Factor: 1

Work Order #...: EC8E81AA
Prep Date.....: 05/11/01
Prep Batch #...: 1131298
Analyst ID.....: 018568

Matrix.....: SOLID
Analysis Time..: 12:03
Instrument ID..: G8B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	92	(60 - 140)
Tetrachloro-m-xylene	110	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC8XR1AA **Matrix.....:** SOLID
MB Lot-Sample #: E1E110000-384

Prep Date.....: 05/10/01 **Analysis Time..:** 21:06
Analysis Date..: 05/10/01 **Prep Batch #...:** 1131384 **Instrument ID..:** MSD
Dilution Factor: 1

Analyst ID.....: 015590

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC8XR1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	98	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID

MB Lot-Sample #: E1E100000-458 **Prep Batch #...:** 1130458

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	ND	20.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61CD
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	ND	6.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AC
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AA
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AD
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AG
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AE
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	ND	1.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AF
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AL
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	ND	2.5	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AM
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AH
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AN
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	4.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AP
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AJ
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AK
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	ND	1.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AQ
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AR
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B	05/10-05/14/01	EC6N61AT
		Dilution Factor: 1				
		Analysis Time..: 13:44		Analyst ID.....: 003119	Instrument ID..: M01	

MB Lot-Sample #: E1E100000-459 **Prep Batch #...:** 1130459

Mercury	ND	0.10	mg/kg	SW846 7471A	05/11/01	EC6PD1AA
		Dilution Factor: 1				
		Analysis Time..: 15:16		Analyst ID.....: 003119	Instrument ID..: M04	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E1E100305 **Work Order #...:** EC60K1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E100000-502
Prep Date.....: 05/10/01 **Analysis Date..:** 05/11/01
Prep Batch #...: 1130502 **Analysis Time..:** 10:09
Dilution Factor: 1 **Instrument ID..:** G02
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**215**	**mg/kg**	**86**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	90	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC7W51AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E110000-234
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131234 **Analysis Time..:** 09:17
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 999998

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**52.2**	**ug/kg**	**104**	**SW846 8260B**
Benzene	**50.0**	**51.1**	**ug/kg**	**102**	**SW846 8260B**
Trichloroethene	**50.0**	**55.5**	**ug/kg**	**111**	**SW846 8260B**
Toluene	**50.0**	**49.6**	**ug/kg**	**99**	**SW846 8260B**
Chlorobenzene	**50.0**	**50.4**	**ug/kg**	**101**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	102	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC8CJ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E110000-285
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131285 **Analysis Time..:** 11:55
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**5.59**	**mg/kg**	**112**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	124	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E1E100305 **Work Order #...:** EC8E81AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E110000-298
Prep Date.....: 05/11/01 **Analysis Date..:** 05/11/01
Prep Batch #...: 1131298 **Analysis Time..:** 12:43
Dilution Factor: 1 **Instrument ID..:** G8B
Analyst ID.....: 018568

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**333**	**356**	**ug/kg**	**107**	**SW846 8082**
Aroclor 1260	**333**	**314**	**ug/kg**	**94**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	92	(60 - 140)
Tetrachloro-m-xylene	18 *	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC8XR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E110000-384
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131384 **Analysis Time..:** 20:36
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**51.0**	**ug/kg**	**102**	**SW846 8260B**
Benzene	**50.0**	**52.1**	**ug/kg**	**104**	**SW846 8260B**
Trichloroethene	**50.0**	**54.5**	**ug/kg**	**109**	**SW846 8260B**
Toluene	**50.0**	**50.8**	**ug/kg**	**102**	**SW846 8260B**
Chlorobenzene	**50.0**	**50.2**	**ug/kg**	**100**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(70 - 130)
1,2-Dichloroethane-d4	97	(60 - 140)
Toluene-d8	102	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E1E100000-458 **Prep Batch #...:** 1130458							
Arsenic	200	193	mg/kg	96	SW846 6010B	05/10-05/14/01	EC6N61AU
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	50.0	48.4	mg/kg	97	SW846 6010B	05/10-05/14/01	EC6N61AV
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	200	190	mg/kg	95	SW846 6010B	05/10-05/14/01	EC6N61AW
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	5.00	5.11	mg/kg	102	SW846 6010B	05/10-05/14/01	EC6N61AX
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	20.0	21.3	mg/kg	107	SW846 6010B	05/10-05/14/01	EC6N61A0
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	5.00	5.18	mg/kg	104	SW846 6010B	05/10-05/14/01	EC6N61A1
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	50.0	49.7	mg/kg	99	SW846 6010B	05/10-05/14/01	EC6N61A2
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	200	188	mg/kg	94	SW846 6010B	05/10-05/14/01	EC6N61A3
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	5.00	4.98	mg/kg	100	SW846 6010B	05/10-05/14/01	EC6N61A4
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	50.0	53.6	mg/kg	107	SW846 6010B	05/10-05/14/01	EC6N61A5
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	25.0	24.7	mg/kg	99	SW846 6010B	05/10-05/14/01	EC6N61A6
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	100	98.3	mg/kg	98	SW846 6010B	05/10-05/14/01	EC6N61A7
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	50.0	51.3	mg/kg	103	SW846 6010B	05/10-05/14/01	EC6N61A8
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	200	203	mg/kg	102	SW846 6010B	05/10-05/14/01	EC6N61A9
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	50.0	50.5	mg/kg	101	SW846 6010B	05/10-05/14/01	EC6N61CA
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	50.0	50.2	mg/kg	100	SW846 6010B	05/10-05/14/01	EC6N61CC
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	
Aluminum	200	173	mg/kg	86	SW846 6010B	05/10-05/14/01	EC6N61CE
			Dilution Factor: 1				
			Analysis Time..: 13:50		Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E1E100000-459 **Prep Batch #...:** 1130459

Mercury	0.833	0.777	mg/kg	93	SW846 7471A	05/11/01	EC6PD1AC
			Dilution Factor: 1				
			Analysis Time..: 15:18		Analyst ID.....: 003119	Instrument ID..: M04	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E1E100305 **Work Order #...:** EC60K1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E100000-502
Prep Date.....: 05/10/01 **Analysis Date..:** 05/11/01
Prep Batch #...: 1130502 **Analysis Time..:** 10:09
Dilution Factor: 1 **Instrument ID..:** G02
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**86**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	90	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC7W51AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E110000-234
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131234 **Analysis Time..:** 09:17
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 999998

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**104**	**(60 - 150)**	**SW846 8260B**
Benzene	**102**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**111**	**(70 - 130)**	**SW846 8260B**
Toluene	**99**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**101**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	102	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC8CJ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E110000-285
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131285 **Analysis Time..:** 11:55
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**112**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	124	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E1E100305 **Work Order #...:** EC8E81AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E110000-298
Prep Date.....: 05/11/01 **Analysis Date..:** 05/11/01
Prep Batch #...: 1131298 **Analysis Time..:** 12:43
Dilution Factor: 1 **Instrument ID..:** G8B
Analyst ID.....: 018568

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**107**	**(65 - 130)**	**SW846 8082**
Aroclor 1260	**94**	**(70 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	92	(60 - 140)
Tetrachloro-m-xylene	18 *	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC8XR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1E110000-384
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131384 **Analysis Time..:** 20:36
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**102**	**(60 - 150)**	**SW846 8260B**
Benzene	**104**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**109**	**(70 - 130)**	**SW846 8260B**
Toluene	**102**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**100**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(70 - 130)
1,2-Dichloroethane-d4	97	(60 - 140)
Toluene-d8	102	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E1E100000-458 **Prep Batch #...:** 1130458					
Arsenic	96	(75 - 115)	SW846 6010B	05/10-05/14/01	EC6N61AU
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	97	(75 - 115)	SW846 6010B	05/10-05/14/01	EC6N61AV
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Barium	95	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61AW
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	102	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61AX
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	107	(85 - 120)	SW846 6010B	05/10-05/14/01	EC6N61A0
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	104	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61A1
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Lead	99	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61A2
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	94	(70 - 115)	SW846 6010B	05/10-05/14/01	EC6N61A3
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Silver	100	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61A4
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	107	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61A5
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	99	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61A6
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	98	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61A7
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	103	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61A8
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	102	(75 - 120)	SW846 6010B	05/10-05/14/01	EC6N61A9
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	101	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61CA
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	100	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61CC
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	
Aluminum	86	(80 - 120)	SW846 6010B	05/10-05/14/01	EC6N61CE
		Dilution Factor: 1			
		Analysis Time..: 13:50	Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E1E100000-459 **Prep Batch #...:** 1130459

Mercury	93	(85 - 115)	SW846 7471A	05/11/01	EC6PD1AC
		Dilution Factor: 1			
		Analysis Time..: 15:18	Analyst ID.....: 003119	Instrument ID..: M04	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC0LH1AG-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1E070183-030 EC0LH1AH-MSD
Date Sampled...: 05/04/01 14:48 **Date Received..:** 05/07/01 12:30 **MS Run #.....:** 1131090
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131234 **Analysis Time..:** 17:14
Dilution Factor: 1 **Analyst ID.....:** 999998 **Instrument ID..:** MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**ND**	**50.0**	**49.8**	**ug/kg**	**100**		**SW846 8260B**
	ND	**50.0**	**50.8**	**ug/kg**	**102**	**2.1**	**SW846 8260B**
Benzene	**ND**	**50.0**	**48.8**	**ug/kg**	**98**		**SW846 8260B**
	ND	**50.0**	**49.4**	**ug/kg**	**99**	**1.3**	**SW846 8260B**
Trichloroethene	**18**	**50.0**	**56.7**	**ug/kg**	**78**		**SW846 8260B**
	18	**50.0**	**59.5**	**ug/kg**	**84**	**4.8**	**SW846 8260B**
Toluene	**ND**	**50.0**	**47.3**	**ug/kg**	**95**		**SW846 8260B**
	ND	**50.0**	**47.8**	**ug/kg**	**96**	**1.2**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**45.6**	**ug/kg**	**91**		**SW846 8260B**
	ND	**50.0**	**46.4**	**ug/kg**	**93**	**1.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(70 - 130)
	102	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
	97	(60 - 140)
Toluene-d8	102	(70 - 130)
	101	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC05N1C7-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1E070220-027 EC05N1C8-MSD
Date Sampled...: 05/04/01 14:15 **Date Received..:** 05/07/01 16:30 **MS Run #.....:** 1131125
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131285 **Analysis Time..:** 22:05
Dilution Factor: 1 **Analyst ID.....:** 001464 **Instrument ID..:** G15

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**ND**	**5.00**	**5.29**	**mg/kg**	**106**		**SW846 8015B**
	ND	**5.00**	**5.18**	**mg/kg**	**104**	**2.0**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	116	(60 - 130)
	116	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC2Q31AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1E080279-002 EC2Q31AD-MSD
Date Sampled...: 05/08/01 08:15 **Date Received..:** 05/08/01 16:50 **MS Run #.....:** 1131190
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131384 **Analysis Time..:** 22:37
Dilution Factor: 1 **Analyst ID.....:** 015590 **Instrument ID..:** MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**ND**	**50.0**	**53.3**	**ug/kg**	**107**		**SW846 8260B**
	ND	**50.0**	**53.2**	**ug/kg**	**106**	**0.26**	**SW846 8260B**
Benzene	**ND**	**50.0**	**53.1**	**ug/kg**	**106**		**SW846 8260B**
	ND	**50.0**	**52.7**	**ug/kg**	**105**	**0.64**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**56.8**	**ug/kg**	**114**		**SW846 8260B**
	ND	**50.0**	**56.9**	**ug/kg**	**114**	**0.21**	**SW846 8260B**
Toluene	**ND**	**50.0**	**52.1**	**ug/kg**	**104**		**SW846 8260B**
	ND	**50.0**	**51.2**	**ug/kg**	**102**	**1.8**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**51.0**	**ug/kg**	**102**		**SW846 8260B**
	ND	**50.0**	**50.2**	**ug/kg**	**100**	**1.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(70 - 130)
	104	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
	99	(60 - 140)
Toluene-d8	103	(70 - 130)
	103	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID
Date Sampled...: 05/09/01 09:25 **Date Received..:** 05/09/01 20:00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT		UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1E090323-007 **Prep Batch #...:** 1130458										
Aluminum										
	12400	200	13200	NC	mg/kg			SW846 6010B	05/10-05/14/01	EC4VM1C9
	12400	200	12500	NC	mg/kg			SW846 6010B	05/10-05/14/01	EC4VM1DA
			Dilution Factor: 4							
			Analysis Time..: 15:46			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224							
Antimony										
	ND	50.0	12.3	N	mg/kg	25		SW846 6010B	05/10-05/14/01	EC4VM1CA
	ND	50.0	11.0	N	mg/kg	22	12	SW846 6010B	05/10-05/14/01	EC4VM1CC
			Dilution Factor: 4							
			Analysis Time..: 15:46			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224							
Arsenic										
	8.3	200	213		mg/kg	102		SW846 6010B	05/10-05/14/01	EC4VM1A8
	8.3	200	208		mg/kg	100	2.5	SW846 6010B	05/10-05/14/01	EC4VM1A9
			Dilution Factor: 4							
			Analysis Time..: 15:46			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224							
Barium										
	2080	200	1770	NC	mg/kg			SW846 6010B	05/10-05/14/01	EC4VM1CD
	2080	200	2040	NC	mg/kg			SW846 6010B	05/10-05/14/01	EC4VM1CE
			Dilution Factor: 4							
			Analysis Time..: 15:46			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224							
Beryllium										
	0.44	5.00	5.91		mg/kg	109		SW846 6010B	05/10-05/14/01	EC4VM1CK
	0.44	5.00	5.78		mg/kg	107	2.1	SW846 6010B	05/10-05/14/01	EC4VM1CL
			Dilution Factor: 4							
			Analysis Time..: 15:46			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224							
Cadmium										
	1.7	5.00	6.96		mg/kg	106		SW846 6010B	05/10-05/14/01	EC4VM1CF
	1.7	5.00	6.86		mg/kg	104	1.5	SW846 6010B	05/10-05/14/01	EC4VM1CG
			Dilution Factor: 4							
			Analysis Time..: 15:46			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224							

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID
Date Sampled...: 05/09/01 09:25 **Date Received..:** 05/09/01 20:00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	32.0	20.0	65.1 N	mg/kg	166		SW846 6010B	05/10-05/14/01	EC4VM1CH
	32.0	20.0	85.3 N,*	mg/kg	267	27	SW846 6010B	05/10-05/14/01	EC4VM1CJ
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						
Cobalt									
	9.3	50.0	63.5	mg/kg	108		SW846 6010B	05/10-05/14/01	EC4VM1CU
	9.3	50.0	64.2	mg/kg	110	1.1	SW846 6010B	05/10-05/14/01	EC4VM1CV
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						
Copper									
	88.6	25.0	136 N	mg/kg	190		SW846 6010B	05/10-05/14/01	EC4VM1CW
	88.6	25.0	120 N	mg/kg	124	13	SW846 6010B	05/10-05/14/01	EC4VM1CX
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						
Lead									
	209	50.0	290 NC	mg/kg			SW846 6010B	05/10-05/14/01	EC4VM1CM
	209	50.0	289 NC	mg/kg			SW846 6010B	05/10-05/14/01	EC4VM1CN
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						
Molybdenum									
	5.6	100	105	mg/kg	99		SW846 6010B	05/10-05/14/01	EC4VM1C0
	5.6	100	103	mg/kg	97	1.8	SW846 6010B	05/10-05/14/01	EC4VM1C1
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						
Nickel									
	138	50.0	213 N	mg/kg	151		SW846 6010B	05/10-05/14/01	EC4VM1C2
	138	50.0	220 N	mg/kg	164	2.8	SW846 6010B	05/10-05/14/01	EC4VM1C3
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						
Selenium									
	2.6	200	204	mg/kg	100		SW846 6010B	05/10-05/14/01	EC4VM1CP
	2.6	200	200	mg/kg	99	1.9	SW846 6010B	05/10-05/14/01	EC4VM1CQ
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID
Date Sampled...: 05/09/01 09:25 **Date Received..:** 05/09/01 20:00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	0.46	5.00	5.49	mg/kg	101		SW846 6010B	05/10-05/14/01	EC4VM1CR
	0.46	5.00	5.42	mg/kg	99	1.2	SW846 6010B	05/10-05/14/01	EC4VM1CT
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						
Thallium									
	ND	200	213	mg/kg	107		SW846 6010B	05/10-05/14/01	EC4VM1C4
	ND	200	209	mg/kg	105	1.9	SW846 6010B	05/10-05/14/01	EC4VM1C5
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						
Vanadium									
	188	50.0	266 N	mg/kg	156		SW846 6010B	05/10-05/14/01	EC4VM1C6
	188	50.0	259 N	mg/kg	141	2.8	SW846 6010B	05/10-05/14/01	EC4VM1C7
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						
Zinc									
	275	50.0	327 NC	mg/kg			SW846 6010B	05/10-05/14/01	EC4VM1A2
	275	50.0	360 NC	mg/kg			SW846 6010B	05/10-05/14/01	EC4VM1A3
			Dilution Factor: 4						
			Analysis Time..: 15:46		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1130224						

MS Lot-Sample #: E1E090323-007 **Prep Batch #...:** 1130459

Mercury									
	0.29	0.833	1.14	mg/kg	102		SW846 7471A	05/11/01	EC4VM1A4
	0.29	0.833	1.24	mg/kg	114	8.8	SW846 7471A	05/11/01	EC4VM1A5
			Dilution Factor: 1						
			Analysis Time..: 15:39		Instrument ID..: M04			Analyst ID.....: 003119	
			MS Run #.....: 1130226						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...:	E1E100305	**Work Order #...:**	EC6T61A2-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E100305-003		EC6T61A3-MSD		
Date Sampled...:	05/10/01 09:30	**Date Received..:**	05/10/01 17:45	**MS Run #.....:**	1130254
Prep Date.....:	05/10/01	**Analysis Date..:**	05/11/01		
Prep Batch #...:	1130502	**Analysis Time..:**	11:27		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G02

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)	**ND**	**250**	**311**	**mg/kg**	**124**		**SW846 8015B**
	ND	**250**	**258**	**mg/kg**	**103**	**18**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	91	(60 - 130)
	96	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E1E100305 **Work Order #...:** EC6T61A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1E100305-003 EC6T61A5-MSD
Date Sampled...: 05/10/01 09:30 **Date Received..:** 05/10/01 17:45 **MS Run #.....:** 1131128
Prep Date.....: 05/11/01 **Analysis Date..:** 05/11/01
Prep Batch #...: 1131298 **Analysis Time..:** 14:02
Dilution Factor: 1 **Analyst ID.....:** 018568 **Instrument ID..:** G8B

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**ND**	**333**	**281**	**ug/kg**	**84**		**SW846 8082**
	ND	**333**	**273**	**ug/kg**	**82**	**3.0**	**SW846 8082**
Aroclor 1260	**ND**	**333**	**278**	**ug/kg**	**83**		**SW846 8082**
	ND	**333**	**277**	**ug/kg**	**83**	**0.53**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	82	(60 - 140)
	81	(60 - 140)
Tetrachloro-m-xylene	76	(60 - 140)
	81	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1E100305 **Work Order #...:** EC0LH1AG-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1E070183-030 EC0LH1AH-MSD
Date Sampled...: 05/04/01 14:48 **Date Received..:** 05/07/01 12:30 **MS Run #.....:** 1131090
Prep Date.....: 05/10/01 **Analysis Date..:** 05/10/01
Prep Batch #...: 1131234 **Analysis Time..:** 17:14
Dilution Factor: 1 **Analyst ID.....:** 999998 **Instrument ID..:** MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**100**	**(60 - 150)**			**SW846 8260B**
	102	**(60 - 150)**	**2.1**	**(0-30)**	**SW846 8260B**
Benzene	**98**	**(70 - 140)**			**SW846 8260B**
	99	**(70 - 140)**	**1.3**	**(0-30)**	**SW846 8260B**
Trichloroethene	**78**	**(70 - 130)**			**SW846 8260B**
	84	**(70 - 130)**	**4.8**	**(0-30)**	**SW846 8260B**
Toluene	**95**	**(70 - 130)**			**SW846 8260B**
	96	**(70 - 130)**	**1.2**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**91**	**(70 - 130)**			**SW846 8260B**
	93	**(70 - 130)**	**1.6**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(70 - 130)
	102	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
	97	(60 - 140)
Toluene-d8	102	(70 - 130)
	101	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...:	E1E100305	**Work Order #...:**	EC05N1C7-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E070220-027		EC05N1C8-MSD		
Date Sampled...:	05/04/01 14:15	**Date Received..:**	05/07/01 16:30	**MS Run #.....:**	1131125
Prep Date.....:	05/10/01	**Analysis Date..:**	05/10/01		
Prep Batch #...:	1131285	**Analysis Time..:**	22:05		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G15

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**106**	**(80 - 140)**			**SW846 8015B**
	104	**(80 - 140)**	**2.0**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	116	(60 - 130)
	116	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E1E100305	**Work Order #...:**	EC2Q31AC-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E080279-002		EC2Q31AD-MSD		
Date Sampled...:	05/08/01 08:15	**Date Received..:**	05/08/01 16:50	**MS Run #.....:**	1131190
Prep Date.....:	05/10/01	**Analysis Date..:**	05/10/01		
Prep Batch #...:	1131384	**Analysis Time..:**	22:37		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**107**	**(60 - 150)**			**SW846 8260B**
	106	**(60 - 150)**	**0.26**	**(0-30)**	**SW846 8260B**
Benzene	**106**	**(70 - 140)**			**SW846 8260B**
	105	**(70 - 140)**	**0.64**	**(0-30)**	**SW846 8260B**
Trichloroethene	**114**	**(70 - 130)**			**SW846 8260B**
	114	**(70 - 130)**	**0.21**	**(0-30)**	**SW846 8260B**
Toluene	**104**	**(70 - 130)**			**SW846 8260B**
	102	**(70 - 130)**	**1.8**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**102**	**(70 - 130)**			**SW846 8260B**
	100	**(70 - 130)**	**1.6**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(70 - 130)
	104	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
	99	(60 - 140)
Toluene-d8	103	(70 - 130)
	103	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID
Date Sampled...: 05/09/01 09:25 **Date Received..:** 05/09/01 20:00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1E090323-007 **Prep Batch #...:** 1130458							
Aluminum	NC	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1C9
	NC	(80 - 120)		(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1DA
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Antimony	25 N	(75 - 115)			SW846 6010B	05/10-05/14/01	EC4VM1CA
	22 N	(75 - 115)	12	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1CC
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Arsenic	102	(75 - 115)			SW846 6010B	05/10-05/14/01	EC4VM1A8
	100	(75 - 115)	2.5	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1A9
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Barium	NC	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1CD
	NC	(80 - 120)		(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1CE
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Beryllium	109	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1CK
	107	(80 - 120)	2.1	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1CL
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Cadmium	106	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1CF
	104	(80 - 120)	1.5	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1CG
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Chromium	166 N	(85 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1CH
	267 N,*	(85 - 120)	27	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1CJ
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID
Date Sampled...: 05/09/01 09:25 **Date Received..:** 05/09/01 20:00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	108	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1CU
	110	(80 - 120)	1.1	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1CV
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Copper	190 N	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1CW
	124 N	(80 - 120)	13	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1CX
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Lead	NC	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1CM
	NC	(80 - 120)		(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1CN
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Molybdenum	99	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1C0
	97	(80 - 120)	1.8	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1C1
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Nickel	151 N	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1C2
	164 N	(80 - 120)	2.8	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1C3
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Selenium	100	(70 - 115)			SW846 6010B	05/10-05/14/01	EC4VM1CP
	99	(70 - 115)	1.9	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1CQ
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Silver	101	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1CR
	99	(80 - 120)	1.2	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1CT
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					
Thallium	107	(75 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1C4
	105	(75 - 120)	1.9	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1C5
		Dilution Factor: 4					
		Analysis Time..: 15:46			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1130224					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1E100305 **Matrix.....:** SOLID
Date Sampled...: 05/09/01 09:25 **Date Received..:** 05/09/01 20:00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	156 N	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1C6
	141 N	(80 - 120)	2.8	(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1C7

Dilution Factor: 4
Analysis Time..: 15:46 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 1130224

Zinc	NC	(80 - 120)			SW846 6010B	05/10-05/14/01	EC4VM1A2
	NC	(80 - 120)		(0-25)	SW846 6010B	05/10-05/14/01	EC4VM1A3

Dilution Factor: 4
Analysis Time..: 15:46 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 1130224

MS Lot-Sample #: E1E090323-007 **Prep Batch #...:** 1130459

Mercury	102	(80 - 120)			SW846 7471A	05/11/01	EC4VM1A4
	114	(80 - 120)	8.8	(0-20)	SW846 7471A	05/11/01	EC4VM1A5

Dilution Factor: 1
Analysis Time..: 15:39 Instrument ID..: M04 Analyst ID.....: 003119
MS Run #.....: 1130226

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E1E100305	**Work Order #...:**	EC6T61A2-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E100305-003		EC6T61A3-MSD		
Date Sampled...:	05/10/01 09:30	**Date Received..:**	05/10/01 17:45	**MS Run #.....:**	1130254
Prep Date.....:	05/10/01	**Analysis Date..:**	05/11/01		
Prep Batch #...:	1130502	**Analysis Time..:**	11:27		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G02

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**124**	**(60 - 130)**			**SW846 8015B**
	103	**(60 - 130)**	**18**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	91	(60 - 130)
	96	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E1E100305	**Work Order #...:**	EC6T61A4-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1E100305-003		EC6T61A5-MSD		
Date Sampled...:	05/10/01 09:30	**Date Received..:**	05/10/01 17:45	**MS Run #.....:**	1131128
Prep Date.....:	05/11/01	**Analysis Date..:**	05/11/01		
Prep Batch #...:	1131298	**Analysis Time..:**	14:02		
Dilution Factor:	1	**Analyst ID.....:**	018568	**Instrument ID..:**	G8B

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**84**	**(65 - 130)**			**SW846 8082**
	82	**(65 - 130)**	**3.0**	**(0-30)**	**SW846 8082**
Aroclor 1260	**83**	**(70 - 130)**			**SW846 8082**
	83	**(70 - 130)**	**0.53**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	82	(60 - 140)
	81	(60 - 140)
Tetrachloro-m-xylene	76	(60 - 140)
	81	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters