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

January 18, 2001

STL LOT NUMBER: **E1A090236**
PO/CONTRACT: 05160-SEV002

Rus Purcell
Kennedy/Jenks Consultants
2151 Michelson Drive
Suite 100
Irvine, CA 92612

Dear Mr. Purcell,

This report contains the analytical results for the 19 samples received under chain of custody by STL Los Angeles on January 9, 2001. These samples are associated with your BRC, former C-6 Torrance Harbor Gateway project.

All applicable quality control procedures meet 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 test results provided in this report 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 a total of 0174 pages.

Analysis Request and Chain of Custody Record

Lab Job No: E1A090236.
Page _____ of _____

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064, Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TAT: _____

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME: Boeing C-6
SEND REPORT TO: Jay Knight	NUMBER: 004032.01
ADDRESS: 2151 Michelson Dr. Ste 100	LOCATION:
Irvine, Ca 92612	ADDRESS:
PHONE: 949-261-1577 FAX:	SAMPLED BY: Tim

ANALYSIS/METHOD REQUEST: VOCs 8260, M 6010, TPH 8015

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOCs 8260	M 6010	TPH 8015					REMARKS/PRECAUTIONS
C-9-10	1	1/7/01	1:00	Soil	Acetate Liner	ICE	X	X	X					If TPH is detected, analyze for SVOCs/PAHs, in sample with highest detection.
-15			1:10											
C-2-323-1			1:30											RD
-5			1:35	Soil	Acetate Liner	ICE	X	X	X					
Rinsate	1	1/7/01	3:30	W	VOA	HCL	X							

Total No. of Samples: 5

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
Tim [illegible]	1/8/01 3:40	John Healy	01/09/01 3:40
John Healy	1/09/01 4:30	ADOFO	1/9/01 15:40

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0144559

0002

Analysis Request and Chain of Custody Record

Lab Job No: EIA090236
Page _____ of _____

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064, Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TAT: _____

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME: Boeing C-6
SEND REPORT TO: Jay Knight	NUMBER: 004032.01
ADDRESS: 2151 Michelson Dr. Ste 100	LOCATION: Torrance
Irvine, Ca 92612	ADDRESS:
PHONE: 949-261-1577 FAX:	SAMPLED BY: Tim

ANALYSIS/METHOD REQUEST: VOC's 8260, M 6010, TPH 8015

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOC's 8260	M 6010	TPH 8015						REMARKS/PRECAUTIONS
Q-13-5	1	1/7/01	8:05	Soil	Acetate Liner	ICE	X	X	X					6	If TPH is detected analyze for SVOCs/PAH's, in sample with highest detection.
-10			8:15												
-15			8:30												
W-15-5			8:50												
Y-21-5			9:35												
-10			9:45												
-15			10:00												
Y-27-5			10:05												
-10			10:10												
-15			10:15												
Y-37-5			10:30												
-10			10:35												
-15			10:45												
C-9-5	1	1/7/01	12:55	Soil	Acetate Liner	ICE	X	X	X					6	

Total No. of Samples: 14

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	1/8/01 3:40	[signature]	01/09/01 3:40
[signature]	01/09/01 4:30	[signature]	1/9/01 15:40

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

0003

BOE-C6-0144560

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 01-09-2001

Quantims Lot #: E1A090236 Quote #: 38629
Client Name: Kennedy Jenks Project: Boeing C-6
Received by: Adolfo Villalobos Date/Time Received: 01/09/01 15:40
Delivered by : ☐Client ☐Airborne ☐Fed Ex ☐DHL ☐Ultra-Ex ☐Rey B.
☐UPS ☒DES ☐Other _____

	Initial / Date
Custody Seal Status: ☐Intact ☐Broken ☒None	RS 1/9
Custody Seal #(s): _____ ☒No Seal #	
Sample Container(s): ☐STL-LA ☐Client ☐N/A	
Temperature(s) (COOLER/BLANK) in °C: 6°C (CORRECTED TEMP) -2°C	
Thermometer Used : ☒IR (Infra-red) ☐Digital (Probe)	
Samples: ☒Intact ☐Broken ☐Other _____	
Anomalies: ☒No ☐Yes (See Clouseau)	
Labeled by	
Labeling checked by	
Turn Around Time: ☐RUSH-24HR ☐RUSH-48HR ☐RUSH-72HR ☒NORMAL	RS 1/9
Short-Hold Notification: ☐Ph ☐Wet Chem ☐Metals (Filter/Pres) ☐Encore ☒N/A	

Outside Analysis(es) (Test/Lab/Date Sent Out) :

_____ .....
_____ .....
_____ .....
_____ .....

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

Fraction	1T018	19									PH
VOAh /*		1									N/A
Poly Stone	1										

h:HCl na:Sodium Hydoxide zna:Zinc Acetate/Sodium Hydroxide s: H2SO4 n:HNO3 n/f:HNO3-Field filtered n/f/l: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: 1/9 REVIEWED BY/DATE: 1/10/01

PRC Ver. 5 030200 KRF QANACA01\Wc\Pracor\Sample Control Forms

0004

BOE-C6-0144561

EXECUTIVE SUMMARY - Detection Highlights

E1A090236

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Q-13-5 01/07/01 08:05 001				
Mercury	0.023 B	0.10	mg/kg	SW846 7471A
Aluminum	25100	20.0	mg/kg	SW846 6010B
Arsenic	4.4	1.0	mg/kg	SW846 6010B
Antimony	0.82 B	6.0	mg/kg	SW846 6010B
Barium	139	2.0	mg/kg	SW846 6010B
Cadmium	0.54	0.50	mg/kg	SW846 6010B
Chromium	26.7	1.0	mg/kg	SW846 6010B
Beryllium	0.67	0.50	mg/kg	SW846 6010B
Lead	6.0	0.50	mg/kg	SW846 6010B
Cobalt	11.8	5.0	mg/kg	SW846 6010B
Copper	18.7	2.5	mg/kg	SW846 6010B
Molybdenum	1.6 B	4.0	mg/kg	SW846 6010B
Nickel	17.0	4.0	mg/kg	SW846 6010B
Thallium	1.6	1.0	mg/kg	SW846 6010B
Vanadium	55.5	5.0	mg/kg	SW846 6010B
Zinc	56.3	2.0	mg/kg	SW846 6010B
Q-13-10 01/07/01 08:15 002				
Mercury	0.041 B	0.10	mg/kg	SW846 7471A
Aluminum	23400	20.0	mg/kg	SW846 6010B
Arsenic	3.9	1.0	mg/kg	SW846 6010B
Antimony	0.49 B	6.0	mg/kg	SW846 6010B
Barium	123	2.0	mg/kg	SW846 6010B
Chromium	26.3	1.0	mg/kg	SW846 6010B
Beryllium	0.63	0.50	mg/kg	SW846 6010B
Lead	4.4	0.50	mg/kg	SW846 6010B
Cobalt	11.1	5.0	mg/kg	SW846 6010B
Copper	17.9	2.5	mg/kg	SW846 6010B
Molybdenum	2.4 B	4.0	mg/kg	SW846 6010B
Nickel	18.1	4.0	mg/kg	SW846 6010B
Thallium	1.9	1.0	mg/kg	SW846 6010B
Vanadium	55.4	5.0	mg/kg	SW846 6010B
Zinc	55.9	2.0	mg/kg	SW846 6010B
Q-13-15 01/07/01 08:30 003				
Mercury	0.058 B	0.10	mg/kg	SW846 7471A
Aluminum	20200	20.0	mg/kg	SW846 6010B
Arsenic	5.4	1.0	mg/kg	SW846 6010B
Antimony	0.35 B	6.0	mg/kg	SW846 6010B
Barium	128	2.0	mg/kg	SW846 6010B
Cadmium	0.11 B	0.50	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1A090236

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Q-13-15 01/07/01 08:30 003				
Chromium	25.8	1.0	mg/kg	SW846 6010B
Beryllium	0.57	0.50	mg/kg	SW846 6010B
Lead	4.2	0.50	mg/kg	SW846 6010B
Cobalt	10.4	5.0	mg/kg	SW846 6010B
Copper	22.6	2.5	mg/kg	SW846 6010B
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B
Nickel	18.5	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	56.9	5.0	mg/kg	SW846 6010B
Zinc	54.8	2.0	mg/kg	SW846 6010B
Methylene chloride	4.0 J	5.0	ug/kg	SW846 8260B
W-15-5 01/07/01 08:50 004				
Mercury	0.034 B	0.10	mg/kg	SW846 7471A
Aluminum	25900	20.0	mg/kg	SW846 6010B
Arsenic	4.1	1.0	mg/kg	SW846 6010B
Antimony	0.39 B	6.0	mg/kg	SW846 6010B
Barium	135	2.0	mg/kg	SW846 6010B
Chromium	23.9	1.0	mg/kg	SW846 6010B
Beryllium	0.71	0.50	mg/kg	SW846 6010B
Lead	6.4	0.50	mg/kg	SW846 6010B
Cobalt	10.9	5.0	mg/kg	SW846 6010B
Copper	19.2	2.5	mg/kg	SW846 6010B
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B
Nickel	16.1	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	54.0	5.0	mg/kg	SW846 6010B
Zinc	54.8	2.0	mg/kg	SW846 6010B
Y-21-5 01/07/01 09:35 005				
Mercury	0.072 B	0.10	mg/kg	SW846 7471A
Aluminum	43300	20.0	mg/kg	SW846 6010B
Arsenic	5.8	1.0	mg/kg	SW846 6010B
Antimony	0.85 B	6.0	mg/kg	SW846 6010B
Barium	181	2.0	mg/kg	SW846 6010B
Chromium	44.0	1.0	mg/kg	SW846 6010B
Beryllium	1.1	0.50	mg/kg	SW846 6010B
Lead	6.7	0.50	mg/kg	SW846 6010B
Cobalt	14.4	5.0	mg/kg	SW846 6010B
Copper	24.6	2.5	mg/kg	SW846 6010B
Molybdenum	2.6 B	4.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1A090236

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Y-21-5 01/07/01 09:35 005				
Nickel	23.3	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B
Vanadium	84.6	5.0	mg/kg	SW846 6010B
Zinc	78.7	2.0	mg/kg	SW846 6010B
Y-21-10 01/07/01 09:45 006				
Mercury	0.030 B	0.10	mg/kg	SW846 7471A
Aluminum	22000	20.0	mg/kg	SW846 6010B
Arsenic	3.9	1.0	mg/kg	SW846 6010B
Antimony	0.55 B	6.0	mg/kg	SW846 6010B
Barium	126	2.0	mg/kg	SW846 6010B
Cadmium	0.14 B	0.50	mg/kg	SW846 6010B
Chromium	25.9	1.0	mg/kg	SW846 6010B
Beryllium	0.67	0.50	mg/kg	SW846 6010B
Lead	5.1	0.50	mg/kg	SW846 6010B
Cobalt	12.6	5.0	mg/kg	SW846 6010B
Copper	22.6	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	19.8	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B
Vanadium	56.9	5.0	mg/kg	SW846 6010B
Zinc	62.6	2.0	mg/kg	SW846 6010B
Y-21-15 01/07/01 10:00 007				
Mercury	0.044 B	0.10	mg/kg	SW846 7471A
Aluminum	26200	20.0	mg/kg	SW846 6010B
Arsenic	5.2	1.0	mg/kg	SW846 6010B
Antimony	0.79 B	6.0	mg/kg	SW846 6010B
Barium	173	2.0	mg/kg	SW846 6010B
Cadmium	0.17 B	0.50	mg/kg	SW846 6010B
Chromium	33.2	1.0	mg/kg	SW846 6010B
Beryllium	0.70	0.50	mg/kg	SW846 6010B
Lead	6.1	0.50	mg/kg	SW846 6010B
Cobalt	14.1	5.0	mg/kg	SW846 6010B
Copper	28.1	2.5	mg/kg	SW846 6010B
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B
Nickel	24.1	4.0	mg/kg	SW846 6010B
Thallium	1.5	1.0	mg/kg	SW846 6010B
Vanadium	67.2	5.0	mg/kg	SW846 6010B
Zinc	71.6	2.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1A090236

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Y-27-5 01/07/01 10:05 008				
Mercury	0.071 B	0.10	mg/kg	SW846 7471A
Aluminum	35700	20.0	mg/kg	SW846 6010B
Arsenic	6.0	1.0	mg/kg	SW846 6010B
Antimony	0.94 B	6.0	mg/kg	SW846 6010B
Barium	194	2.0	mg/kg	SW846 6010B
Cadmium	0.13 B	0.50	mg/kg	SW846 6010B
Chromium	36.9	1.0	mg/kg	SW846 6010B
Beryllium	0.94	0.50	mg/kg	SW846 6010B
Lead	6.7	0.50	mg/kg	SW846 6010B
Cobalt	13.3	5.0	mg/kg	SW846 6010B
Copper	22.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.7 B	4.0	mg/kg	SW846 6010B
Nickel	26.1	4.0	mg/kg	SW846 6010B
Thallium	1.6	1.0	mg/kg	SW846 6010B
Vanadium	73.6	5.0	mg/kg	SW846 6010B
Zinc	73.1	2.0	mg/kg	SW846 6010B
Methylene chloride	5.9	5.0	ug/kg	SW846 8260B
Y-27-10 01/07/01 10:10 009				
Mercury	0.046 B	0.10	mg/kg	SW846 7471A
Aluminum	34300	20.0	mg/kg	SW846 6010B
Arsenic	6.9	1.0	mg/kg	SW846 6010B
Antimony	0.95 B	6.0	mg/kg	SW846 6010B
Barium	169	2.0	mg/kg	SW846 6010B
Cadmium	0.38 B	0.50	mg/kg	SW846 6010B
Chromium	44.0	1.0	mg/kg	SW846 6010B
Beryllium	0.96	0.50	mg/kg	SW846 6010B
Lead	7.1	0.50	mg/kg	SW846 6010B
Cobalt	16.6	5.0	mg/kg	SW846 6010B
Copper	42.9	2.5	mg/kg	SW846 6010B
Molybdenum	2.6 B	4.0	mg/kg	SW846 6010B
Nickel	31.4	4.0	mg/kg	SW846 6010B
Thallium	1.9	1.0	mg/kg	SW846 6010B
Vanadium	84.8	5.0	mg/kg	SW846 6010B
Zinc	89.5	2.0	mg/kg	SW846 6010B
Y-27-15 01/07/01 10:15 010				
Mercury	0.095 B	0.10	mg/kg	SW846 7471A
Aluminum	29300	20.0	mg/kg	SW846 6010B
Arsenic	5.5	1.0	mg/kg	SW846 6010B
Antimony	1.1 B	6.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1A090236

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Y-27-15 01/07/01 10:15 010				
Barium	208	2.0	mg/kg	SW846 6010B
Cadmium	0.30 B	0.50	mg/kg	SW846 6010B
Chromium	34.7	1.0	mg/kg	SW846 6010B
Beryllium	0.79	0.50	mg/kg	SW846 6010B
Lead	5.6	0.50	mg/kg	SW846 6010B
Cobalt	13.8	5.0	mg/kg	SW846 6010B
Copper	34.0	2.5	mg/kg	SW846 6010B
Molybdenum	2.4 B	4.0	mg/kg	SW846 6010B
Nickel	23.2	4.0	mg/kg	SW846 6010B
Thallium	1.3	1.0	mg/kg	SW846 6010B
Vanadium	69.7	5.0	mg/kg	SW846 6010B
Zinc	83.0	2.0	mg/kg	SW846 6010B
Y-37-5 01/07/01 10:30 011				
Mercury	0.045 B	0.10	mg/kg	SW846 7471A
Aluminum	32600	20.0	mg/kg	SW846 6010B
Arsenic	5.2	1.0	mg/kg	SW846 6010B
Antimony	0.79 B	6.0	mg/kg	SW846 6010B
Barium	146	2.0	mg/kg	SW846 6010B
Cadmium	0.32 B	0.50	mg/kg	SW846 6010B
Chromium	37.3	1.0	mg/kg	SW846 6010B
Beryllium	0.86	0.50	mg/kg	SW846 6010B
Lead	6.6	0.50	mg/kg	SW846 6010B
Cobalt	14.2	5.0	mg/kg	SW846 6010B
Copper	33.0	2.5	mg/kg	SW846 6010B
Molybdenum	1.9 B	4.0	mg/kg	SW846 6010B
Nickel	26.3	4.0	mg/kg	SW846 6010B
Thallium	1.4	1.0	mg/kg	SW846 6010B
Vanadium	74.1	5.0	mg/kg	SW846 6010B
Zinc	79.5	2.0	mg/kg	SW846 6010B
Y-37-10 01/07/01 10:35 012				
Mercury	0.040 B	0.10	mg/kg	SW846 7471A
Aluminum	31500	20.0	mg/kg	SW846 6010B
Arsenic	6.4	1.0	mg/kg	SW846 6010B
Antimony	0.87 B	6.0	mg/kg	SW846 6010B
Barium	158	2.0	mg/kg	SW846 6010B
Cadmium	0.40 B	0.50	mg/kg	SW846 6010B
Chromium	37.2	1.0	mg/kg	SW846 6010B
Beryllium	0.86	0.50	mg/kg	SW846 6010B
Lead	7.0	0.50	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

E1A090236

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Y-37-10 01/07/01 10:35 012				
Cobalt	14.9	5.0	mg/kg	SW846 6010B
Copper	37.7	2.5	mg/kg	SW846 6010B
Molybdenum	2.8 B	4.0	mg/kg	SW846 6010B
Nickel	29.6	4.0	mg/kg	SW846 6010B
Thallium	1.9	1.0	mg/kg	SW846 6010B
Vanadium	78.7	5.0	mg/kg	SW846 6010B
Zinc	80.7	2.0	mg/kg	SW846 6010B
Y-37-15 01/07/01 10:45 013				
Mercury	0.050 B	0.10	mg/kg	SW846 7471A
Aluminum	33100	20.0	mg/kg	SW846 6010B
Arsenic	6.0	1.0	mg/kg	SW846 6010B
Antimony	1.4 B	6.0	mg/kg	SW846 6010B
Barium	219	2.0	mg/kg	SW846 6010B
Cadmium	0.17 B	0.50	mg/kg	SW846 6010B
Chromium	36.7	1.0	mg/kg	SW846 6010B
Beryllium	0.87	0.50	mg/kg	SW846 6010B
Lead	6.1	0.50	mg/kg	SW846 6010B
Cobalt	15.7	5.0	mg/kg	SW846 6010B
Copper	39.6	2.5	mg/kg	SW846 6010B
Molybdenum	3.2 B	4.0	mg/kg	SW846 6010B
Nickel	26.0	4.0	mg/kg	SW846 6010B
Thallium	2.1	1.0	mg/kg	SW846 6010B
Vanadium	80.5	5.0	mg/kg	SW846 6010B
Zinc	96.8	2.0	mg/kg	SW846 6010B
C-9-5 01/07/01 00:55 014				
Mercury	0.031 B	0.10	mg/kg	SW846 7471A
Aluminum	34000	20.0	mg/kg	SW846 6010B
Arsenic	6.5	1.0	mg/kg	SW846 6010B
Antimony	0.90 B	6.0	mg/kg	SW846 6010B
Barium	273	2.0	mg/kg	SW846 6010B
Cadmium	0.27 B	0.50	mg/kg	SW846 6010B
Chromium	42.7	1.0	mg/kg	SW846 6010B
Beryllium	0.89	0.50	mg/kg	SW846 6010B
Lead	6.2	0.50	mg/kg	SW846 6010B
Cobalt	16.0	5.0	mg/kg	SW846 6010B
Copper	38.1	2.5	mg/kg	SW846 6010B
Molybdenum	2.3 B	4.0	mg/kg	SW846 6010B
Nickel	32.4	4.0	mg/kg	SW846 6010B
Thallium	2.3	1.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1A090236

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-9-5 01/07/01 00:55 014				
Vanadium	83.6	5.0	mg/kg	SW846 6010B
Zinc	88.1	2.0	mg/kg	SW846 6010B
C-9-10 01/07/01 13:00 015				
Mercury	0.030 B	0.10	mg/kg	SW846 7471A
Aluminum	31800	20.0	mg/kg	SW846 6010B
Arsenic	8.2	1.0	mg/kg	SW846 6010B
Antimony	0.99 B	6.0	mg/kg	SW846 6010B
Barium	244	2.0	mg/kg	SW846 6010B
Cadmium	0.28 B	0.50	mg/kg	SW846 6010B
Chromium	38.1	1.0	mg/kg	SW846 6010B
Beryllium	0.87	0.50	mg/kg	SW846 6010B
Lead	7.6	0.50	mg/kg	SW846 6010B
Cobalt	16.5	5.0	mg/kg	SW846 6010B
Copper	42.4	2.5	mg/kg	SW846 6010B
Molybdenum	3.6 B	4.0	mg/kg	SW846 6010B
Nickel	31.2	4.0	mg/kg	SW846 6010B
Thallium	1.5	1.0	mg/kg	SW846 6010B
Vanadium	80.9	5.0	mg/kg	SW846 6010B
Zinc	90.6	2.0	mg/kg	SW846 6010B
C-9-15 01/07/01 13:10 016				
Mercury	0.053 B	0.10	mg/kg	SW846 7471A
Aluminum	23800	20.0	mg/kg	SW846 6010B
Arsenic	4.3	1.0	mg/kg	SW846 6010B
Antimony	0.45 B	6.0	mg/kg	SW846 6010B
Barium	203	2.0	mg/kg	SW846 6010B
Cadmium	0.24 B	0.50	mg/kg	SW846 6010B
Chromium	26.0	1.0	mg/kg	SW846 6010B
Beryllium	0.64	0.50	mg/kg	SW846 6010B
Lead	5.0	0.50	mg/kg	SW846 6010B
Cobalt	10.7	5.0	mg/kg	SW846 6010B
Copper	26.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B
Nickel	18.5	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	57.0	5.0	mg/kg	SW846 6010B
Zinc	68.7	2.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E1A090236

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-323-1 01/07/01 13:30 017				
Mercury	0.079 B	0.10	mg/kg	SW846 7471A
Aluminum	31100	20.0	mg/kg	SW846 6010B
Arsenic	6.0	1.0	mg/kg	SW846 6010B
Antimony	0.46 B	6.0	mg/kg	SW846 6010B
Barium	203	2.0	mg/kg	SW846 6010B
Cadmium	0.37 B	0.50	mg/kg	SW846 6010B
Chromium	35.0	1.0	mg/kg	SW846 6010B
Beryllium	0.83	0.50	mg/kg	SW846 6010B
Lead	6.6	0.50	mg/kg	SW846 6010B
Cobalt	15.3	5.0	mg/kg	SW846 6010B
Copper	35.3	2.5	mg/kg	SW846 6010B
Molybdenum	3.1 B	4.0	mg/kg	SW846 6010B
Nickel	24.8	4.0	mg/kg	SW846 6010B
Thallium	1.6	1.0	mg/kg	SW846 6010B
Vanadium	75.0	5.0	mg/kg	SW846 6010B
Zinc	89.2	2.0	mg/kg	SW846 6010B
C-2-323-5 01/07/01 13:35 018				
Aluminum	38300	20.0	mg/kg	SW846 6010B
Arsenic	4.8	1.0	mg/kg	SW846 6010B
Barium	138	2.0	mg/kg	SW846 6010B
Cadmium	0.11 B	0.50	mg/kg	SW846 6010B
Chromium	36.4	1.0	mg/kg	SW846 6010B
Beryllium	1.0	0.50	mg/kg	SW846 6010B
Lead	5.4	0.50	mg/kg	SW846 6010B
Cobalt	11.2	5.0	mg/kg	SW846 6010B
Copper	22.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.6 B	4.0	mg/kg	SW846 6010B
Nickel	22.8	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B
Vanadium	65.1	5.0	mg/kg	SW846 6010B
Zinc	71.4	2.0	mg/kg	SW846 6010B

METHODS SUMMARY

E1A090236

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E1A090236

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DTE8Q	001	Q-13-5	01/07/01	08:05
DTE8R	002	Q-13-10	01/07/01	08:15
DTE8T	003	Q-13-15	01/07/01	08:30
DTE8V	004	W-15-5	01/07/01	08:50
DTE8W	005	Y-21-5	01/07/01	09:35
DTE8X	006	Y-21-10	01/07/01	09:45
DTE80	007	Y-21-15	01/07/01	10:00
DTE81	008	Y-27-5	01/07/01	10:05
DTE82	009	Y-27-10	01/07/01	10:10
DTE83	010	Y-27-15	01/07/01	10:15
DTE84	011	Y-37-5	01/07/01	10:30
DTE86	012	Y-37-10	01/07/01	10:35
DTE87	013	Y-37-15	01/07/01	10:45
DTE88	014	C-9-5	01/07/01	00:55
DTE89	015	C-9-10	01/07/01	13:00
DTE9A	016	C-9-15	01/07/01	13:10
DTE9C	017	C-2-323-1	01/07/01	13:30
DTE9D	018	C-2-323-5	01/07/01	13:35
DTE9E	019	RINSATE	01/07/01	15:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-5

GC Semivolatiles

Lot-Sample #...:	E1A090236-001	**Work Order #...:**	DTE8Q1AC	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 08:05	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1010247
Prep Date.....:	01/10/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1010413	**Analysis Time..:**	23:54		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	85	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-5

GC Volatiles

Lot-Sample #...:	E1A090236-001	**Work Order #...:**	DTE8Q1AD	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 08:05	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1011126
Prep Date.....:	01/10/01	**Analysis Date..:**	01/10/01		
Prep Batch #...:	1011212	**Analysis Time..:**	23:44		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	82	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-001 **Work Order #...:** DTE8Q1AA **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:05 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 15:15
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-001 **Work Order #...:** DTE8Q1AA **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	91	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	86	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-10

GC Semivolatiles

Lot-Sample #...: E1A090236-002 **Work Order #...:** DTE8R1AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:15 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 01:51
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	80	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-10

GC Volatiles

Lot-Sample #...:	E1A090236-002	**Work Order #...:**	DTE8R1AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 08:15	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1011126
Prep Date.....:	01/10/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1011212	**Analysis Time..:**	00:12		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	80	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-10

GC/MS Volatiles

Lot-Sample #...: E1A090236-002 **Work Order #...:** DTE8R1AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:15 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015212
Prep Date.....: 01/16/01 **Analysis Date..:** 01/16/01
Prep Batch #...: 1016193 **Analysis Time..:** 06:02
Dilution Factor: 1
Analyst ID.....: 015590 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-10

GC/MS Volatiles

Lot-Sample #...: E1A090236-002 **Work Order #...:** DTE8R1AC **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	93	(70 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	87	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-15

GC Semivolatiles

Lot-Sample #...: E1A090236-003 **Work Order #...:** DTE8T1AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:30 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 02:30
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	74	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-15

GC Volatiles

Lot-Sample #...:	E1A090236-003	**Work Order #...:**	DTE8T1AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 08:30	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	02:06		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-15

GC/MS Volatiles

Lot-Sample #...: E1A090236-003 **Work Order #...:** DTE8T1AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:30 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015212
Prep Date.....: 01/16/01 **Analysis Date..:** 01/16/01
Prep Batch #...: 1016193 **Analysis Time..:** 06:32
Dilution Factor: 1
Analyst ID.....: 015590 **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	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	**4.0 J**	**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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-15

GC/MS Volatiles

Lot-Sample #...: E1A090236-003 Work Order #...: DTE8T1AC 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	92	(70 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	87	(70 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: W-15-5

GC Semivolatiles

Lot-Sample #...: E1A090236-004 **Work Order #...:** DTE8V1AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:50 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 03:09
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	80	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: W-15-5

GC Volatiles

Lot-Sample #...:	E1A090236-004	**Work Order #...:**	DTE8V1AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 08:50	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	02:34		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	80	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: W-15-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-004 **Work Order #...:** DTE8V1AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:50 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 17:50
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: W-15-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-004 **Work Order #...:** DTE8V1AC **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	92	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	88	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-5

GC Semivolatiles

Lot-Sample #...: E1A090236-005 **Work Order #...:** DTE8W1AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 09:35 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 03:48
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	93	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-5

GC Volatiles

Lot-Sample #...:	E1A090236-005	**Work Order #...:**	DTE8W1AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 09:35	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	03:03		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-005 **Work Order #...:** DTE8W1AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 09:35 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 18:21
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-005 **Work Order #...:** DTE8W1AC **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	90	(70 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	87	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-10

GC Semivolatiles

Lot-Sample #...: E1A090236-006 **Work Order #...:** DTE8X1AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 09:45 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 04:27
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-10

GC Volatiles

Lot-Sample #...:	E1A090236-006	**Work Order #...:**	DTE8X1AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 09:45	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	03:31		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	78	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-10

GC/MS Volatiles

Lot-Sample #...: E1A090236-006 **Work Order #...:** DTE8X1AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 09:45 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 18:52
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-10

GC/MS Volatiles

Lot-Sample #...: E1A090236-006 **Work Order #...:** DTE8X1AC **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	90	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	86	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-15

GC Semivolatiles

Lot-Sample #...:	E1A090236-007	**Work Order #...:**	DTE801AD	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 10:00	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1010247
Prep Date.....:	01/10/01	**Analysis Date..:**	01/12/01		
Prep Batch #...:	1010413	**Analysis Time..:**	05:06		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	80	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-15

GC Volatiles

Lot-Sample #...:	E1A090236-007	**Work Order #...:**	DTE801AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 10:00	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	04:00		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-15

GC/MS Volatiles

Lot-Sample #...: E1A090236-007 **Work Order #...:** DTE801AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:00 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 19:23
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-15

GC/MS Volatiles

Lot-Sample #...: E1A090236-007 Work Order #...: DTE801AC 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	93	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-5

GC Semivolatiles

Lot-Sample #...: E1A090236-008 **Work Order #...:** DTE811AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:05 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 07:43
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	89	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-5

GC Volatiles

Lot-Sample #...:	E1A090236-008	**Work Order #...:**	DTE811AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 10:05	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	04:28		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	80	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-008 **Work Order #...:** DTE811AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:05 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015212
Prep Date.....: 01/16/01 **Analysis Date..:** 01/16/01
Prep Batch #...: 1016193 **Analysis Time..:** 07:03
Dilution Factor: 1
Analyst ID.....: 015590 **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	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	**5.9**	**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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-008 **Work Order #...:** DTE811AC **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	92	(70 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	86	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-10

GC Semivolatiles

Lot-Sample #...: E1A090236-009 **Work Order #...:** DTE821AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:10 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 08:22
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	72	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-10

GC Volatiles

Lot-Sample #...:	E1A090236-009	**Work Order #...:**	DTE821AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 10:10	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	04:57		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	80	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-10

GC/MS Volatiles

Lot-Sample #...: E1A090236-009 **Work Order #...:** DTE821AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:10 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 20:26
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-10

GC/MS Volatiles

Lot-Sample #...: E1A090236-009 **Work Order #...:** DTE821AC **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	93	(70 - 130)
1,2-Dichloroethane-d4	95	(60 - 140)
Toluene-d8	90	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-15

GC Semivolatiles

Lot-Sample #...: E1A090236-010 **Work Order #...:** DTE831AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:15 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 09:00
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-15

GC Volatiles

Lot-Sample #...:	E1A090236-010	**Work Order #...:**	DTE831AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 10:15	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	05:25		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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: Y-27-15

GC/MS Volatiles

Lot-Sample #...: E1A090236-010 **Work Order #...:** DTE831AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:15 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 20:56
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-15

GC/MS Volatiles

Lot-Sample #...: E1A090236-010 **Work Order #...:** DTE831AC **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	91	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-5

GC Semivolatiles

Lot-Sample #...:	E1A090236-011	**Work Order #...:**	DTE841AD	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 10:30	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1010247
Prep Date.....:	01/10/01	**Analysis Date..:**	01/12/01		
Prep Batch #...:	1010413	**Analysis Time..:**	09:39		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	85	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-5

GC Volatiles

Lot-Sample #...:	E1A090236-011	**Work Order #...:**	DTE841AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 10:30	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	05:54		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	75	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-011 **Work Order #...:** DTE841AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:30 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 21:27
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-011 **Work Order #...:** DTE841AC **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	91	(70 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	87	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-10

GC Semivolatiles

Lot-Sample #...: E1A090236-012 **Work Order #...:** DTE861AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:35 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 10:18
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	77	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-10

GC Volatiles

Lot-Sample #...:	E1A090236-012	**Work Order #...:**	DTE861AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 10:35	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	06:22		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	78	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-10

GC/MS Volatiles

Lot-Sample #...: E1A090236-012 **Work Order #...:** DTE861AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:35 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 21:58
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-10

GC/MS Volatiles

Lot-Sample #...: E1A090236-012 Work Order #...: DTE861AC 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	91	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	88	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-15

GC Semivolatiles

Lot-Sample #...:	E1A090236-013	**Work Order #...:**	DTE871AD	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 10:45	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1010247
Prep Date.....:	01/10/01	**Analysis Date..:**	01/12/01		
Prep Batch #...:	1010413	**Analysis Time..:**	10:57		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	67	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-15

GC Volatiles

Lot-Sample #...:	E1A090236-013	**Work Order #...:**	DTE871AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 10:45	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	07:47		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	77	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-15

GC/MS Volatiles

Lot-Sample #...: E1A090236-013 **Work Order #...:** DTE871AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:45 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 22:29
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-15

GC/MS Volatiles

Lot-Sample #...: E1A090236-013 **Work Order #...:** DTE871AC **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	90	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	84	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-5

GC Semivolatiles

Lot-Sample #...: E1A090236-014 **Work Order #...:** DTE881AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 00:55 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 11:36
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	81	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-5

GC Volatiles

Lot-Sample #...:	E1A090236-014	**Work Order #...:**	DTE881AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 00:55	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	08:15		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	77	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-014 **Work Order #...:** DTE881AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 00:55 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 23:00
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-014 **Work Order #...:** DTE881AC **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	90	(70 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-10

GC Semivolatiles

Lot-Sample #...: E1A090236-015 **Work Order #...:** DTE891AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 13:00 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 12:16
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	69	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-10

GC Volatiles

Lot-Sample #...:	E1A090236-015	**Work Order #...:**	DTE891AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 13:00	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	08:44		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	79	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-10

GC/MS Volatiles

Lot-Sample #...: E1A090236-015 **Work Order #...:** DTE891AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 13:00 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 23:31
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-10

GC/MS Volatiles

Lot-Sample #...: E1A090236-015 **Work Order #...:** DTE891AC **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	92	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	88	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-15

GC Semivolatiles

Lot-Sample #...:	E1A090236-016	**Work Order #...:**	DTE9A1AD	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 13:10	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1010247
Prep Date.....:	01/10/01	**Analysis Date..:**	01/12/01		
Prep Batch #...:	1010413	**Analysis Time..:**	12:55		
Dilution Factor:	1				
Analyst ID.....:	356074	**Instrument ID..:**	G03		
		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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-15

GC Volatiles

Lot-Sample #...:	E1A090236-016	**Work Order #...:**	DTE9A1AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 13:10	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	09:12		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	76	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-15

GC/MS Volatiles

Lot-Sample #...: E1A090236-016 **Work Order #...:** DTE9A1AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 13:10 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/14/01 **Analysis Date..:** 01/14/01
Prep Batch #...: 1015384 **Analysis Time..:** 00:02
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-15

GC/MS Volatiles

Lot-Sample #...: E1A090236-016 **Work Order #...:** DTE9A1AC **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	90	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	86	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-1

GC Semivolatiles

Lot-Sample #...: E1A090236-017 **Work Order #...:** DTE9C1AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 13:30 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 13:34
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	84	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-1

GC Volatiles

Lot-Sample #...:	E1A090236-017	**Work Order #...:**	DTE9C1AE	**Matrix.....:**	SOLID
Date Sampled...:	01/07/01 13:30	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	09:41		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G16		
		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)	82	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-1

GC/MS Volatiles

Lot-Sample #...: E1A090236-017 **Work Order #...:** DTE9C1AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 13:30 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/14/01 **Analysis Date..:** 01/14/01
Prep Batch #...: 1015384 **Analysis Time..:** 00:33
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-1

GC/MS Volatiles

Lot-Sample #...: E1A090236-017 **Work Order #...:** DTE9C1AC **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	95	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
Toluene-d8	88	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-5

GC Semivolatiles

Lot-Sample #...: E1A090236-018 **Work Order #...:** DTE9D1AD **Matrix.....:** SOLID
Date Sampled...: 01/07/01 13:35 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1010247
Prep Date.....: 01/10/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1010413 **Analysis Time..:** 14:10
Dilution Factor: 1
Analyst ID.....: 356074 **Instrument ID..:** G03
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	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	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	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	81	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-5

GC Volatiles

Lot-Sample #...: E1A090236-018 **Work Order #...:** DTE9D1AE **Matrix.....:** SOLID
Date Sampled...: 01/07/01 13:35 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1012099
Prep Date.....: 01/11/01 **Analysis Date..:** 01/11/01
Prep Batch #...: 1012250 **Analysis Time..:** 10:09
Dilution Factor: 1
Analyst ID.....: 001464 **Instrument ID..:** G16
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)	82	(60 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-018 **Work Order #...:** DTE9D1AC **Matrix.....:** SOLID
Date Sampled...: 01/07/01 13:35 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1015204
Prep Date.....: 01/14/01 **Analysis Date..:** 01/14/01
Prep Batch #...: 1015384 **Analysis Time..:** 01:03
Dilution Factor: 1
Analyst ID.....: 004648 **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	ND	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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-5

GC/MS Volatiles

Lot-Sample #...: E1A090236-018 **Work Order #...:** DTE9D1AC **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	92	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	89	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: RINSATE

GC/MS Volatiles

Lot-Sample #...: E1A090236-019 **Work Order #...:** DTE9E1AA **Matrix.....:** WATER
Date Sampled...: 01/07/01 15:30 **Date Received..:** 01/09/01 15:40 **MS Run #.....:** 1011263
Prep Date.....: 01/11/01 **Analysis Date..:** 01/11/01
Prep Batch #...: 1011407 **Analysis Time..:** 12:25
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSH
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Carbon tetrachloride	ND	0.50	ug/L	0.30
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Bromodichloromethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.20
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Iodomethane	ND	2.0	ug/L	1.0
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	0.50	ug/L	0.30
2,2-Dichloropropane	ND	1.0	ug/L	0.30
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: RINSATE

GC/MS Volatiles

Lot-Sample #...: E1A090236-019 **Work Order #...:** DTE9E1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 120)
1,2-Dichloroethane-d4	108	(65 - 130)
Toluene-d8	93	(80 - 130)

KENNEDY/JENKS CONSULTANTS

RINSATE

GC/MS Volatiles

Lot-Sample #: E1A090236-019 **Work Order #:** DTE9E1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

KENNEDY/JENKS CONSULTANTS

Method Blank Report

GC/MS Volatiles

Lot-Sample #: E1A110000-407 B **Work Order #:** DTJ4T1AA **Matrix:** WATER

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-5

TOTAL Metals

Lot-Sample #...: E1A090236-001 Matrix.....: SOLID
Date Sampled...: 01/07/01 08:05 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	25100	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AE
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	4.4	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AF
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.82 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AG
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	139	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AH
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.54	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AJ
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	26.7	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AK
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.67	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AL
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	6.0	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AM
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AN
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-5

TOTAL Metals

Lot-Sample #...: E1A090236-001 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AP
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	11.8	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AQ
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	18.7	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AR
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	1.6 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AT
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	17.0	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AU
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.6	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AV
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	55.5	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AW
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	56.3	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8Q1AX
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	

Prep Batch #...: 1009440

Mercury	0.023 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE8Q1A0
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-10

TOTAL Metals

Lot-Sample #...: E1A090236-002 Matrix.....: SOLID
Date Sampled...: 01/07/01 08:15 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	23400	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AF
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	3.9	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AG
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.49 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AH
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	123	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AJ
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AK
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	26.3	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AL
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.63	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AM
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	4.4	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AN
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AP
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-10

TOTAL Metals

Lot-Sample #...: E1A090236-002 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AQ
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	11.1	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AR
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	17.9	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AT
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	2.4 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AU
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	18.1	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AV
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.9	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AW
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	55.4	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1AX
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	55.9	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8R1A0
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.041 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE8R1AA
		Dilution Factor: 1		Analysis Time..: 16:49	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-15

TOTAL Metals

Lot-Sample #...: E1A090236-003 Matrix.....: SOLID
Date Sampled...: 01/07/01 08:30 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	20200	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AF
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	5.4	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AG
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.35 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AH
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	128	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AJ
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.11 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AK
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	25.8	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AL
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.57	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AM
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	4.2	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AN
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AP
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Q-13-15

TOTAL Metals

Lot-Sample #...: E1A090236-003 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AQ
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	10.4	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AR
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	22.6	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AT
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AU
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	18.5	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AV
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.1	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AW
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	56.9	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1AX
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	54.8	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8T1A0
		Dilution Factor: 1		Analysis Time..: 18:22	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.058 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE8T1AA
		Dilution Factor: 1		Analysis Time..: 16:51	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: W-15-5

TOTAL Metals

Lot-Sample #...: E1A090236-004 Matrix.....: SOLID
Date Sampled...: 01/07/01 08:50 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	**25900**	**20.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8V1AF**
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	**4.1**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8V1AG**
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	**0.39 B**	**6.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8V1AH**
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	**135**	**2.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8V1AJ**
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8V1AK
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	**23.9**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8V1AL**
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	**0.71**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8V1AM**
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	**6.4**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8V1AN**
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8V1AP
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: W-15-5

TOTAL Metals

Lot-Sample #...: E1A090236-004 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8V1AQ
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	10.9	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8V1AR
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	19.2	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE8V1AT
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8V1AU
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	16.1	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8V1AV
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.1	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8V1AW
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	54.0	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8V1AX
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	54.8	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8V1A0
		Dilution Factor: 1		Analysis Time..: 18:28	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.034 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE8V1AA
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-5

TOTAL Metals

Lot-Sample #...: E1A090236-005 **Matrix.....:** SOLID
Date Sampled...: 01/07/01 09:35 **Date Received..:** 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	**43300**	**20.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8W1AF**
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	**5.8**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8W1AG**
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	**0.85 B**	**6.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8W1AH**
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	**181**	**2.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8W1AJ**
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8W1AK
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	**44.0**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8W1AL**
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	**1.1**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8W1AM**
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	**6.7**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE8W1AN**
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8W1AP
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-5

TOTAL Metals

Lot-Sample #...: E1A090236-005 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8W1AQ
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	14.4	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8W1AR
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	24.6	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE8W1AT
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	2.6 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8W1AU
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	23.3	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8W1AV
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.2	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8W1AW
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	84.6	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8W1AX
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	78.7	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8W1A0
		Dilution Factor: 1		Analysis Time..: 18:34	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.072 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE8W1AA
		Dilution Factor: 1		Analysis Time..: 16:59	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-10

TOTAL Metals

Lot-Sample #...: E1A090236-006 Matrix.....: SOLID
Date Sampled...: 01/07/01 09:45 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	22000	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AF
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	3.9	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AG
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.55 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AH
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	126	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AJ
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.14 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AK
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	25.9	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AL
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.67	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AM
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	5.1	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AN
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AP
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-10

TOTAL Metals

Lot-Sample #...: E1A090236-006 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AQ
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	12.6	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AR
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	22.6	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AT
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AU
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	19.8	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AV
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.2	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AW
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	56.9	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1AX
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	62.6	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE8X1A0
		Dilution Factor: 1		Analysis Time..: 18:39	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.030 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE8X1AA
		Dilution Factor: 1		Analysis Time..: 17:00	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-15

TOTAL Metals

Lot-Sample #...: E1A090236-007 Matrix.....: SOLID
Date Sampled...: 01/07/01 10:00 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	26200	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AF
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	5.2	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AG
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.79 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AH
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	173	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AJ
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.17 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AK
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	33.2	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AL
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.70	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AM
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	6.1	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AN
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AP
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-21-15

TOTAL Metals

Lot-Sample #...: E1A090236-007 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AQ
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	14.1	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AR
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	28.1	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AT
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AU
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	24.1	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AV
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.5	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AW
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	67.2	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801AX
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	71.6	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE801A0
		Dilution Factor: 1		Analysis Time..: 18:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.044 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE801AA
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-5

TOTAL Metals

Lot-Sample #...: E1A090236-008 Matrix.....: SOLID
Date Sampled...: 01/07/01 10:05 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	35700	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AF
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	6.0	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AG
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.94 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AH
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	194	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AJ
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.13 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AK
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	36.9	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AL
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.94	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AM
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	6.7	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AN
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AP
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-5

TOTAL Metals

Lot-Sample #...: E1A090236-008 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AQ
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	13.3	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AR
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	22.8	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AT
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	1.7 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AU
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	26.1	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AV
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.6	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AW
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	73.6	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811AX
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	73.1	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE811A0
		Dilution Factor: 1		Analysis Time..: 18:53	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.071 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE811AA
		Dilution Factor: 1		Analysis Time..: 17:05	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-10

TOTAL Metals

Lot-Sample #...: E1A090236-009 Matrix.....: SOLID
Date Sampled...: 01/07/01 10:10 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	34300	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AF
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	6.9	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AG
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.95 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AH
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	169	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AJ
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.38 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AK
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	44.0	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AL
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.96	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AM
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	7.1	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AN
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AP
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-10

TOTAL Metals

Lot-Sample #...: E1A090236-009 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AQ
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	16.6	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AR
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	42.9	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AT
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	2.6 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AU
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	31.4	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AV
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.9	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AW
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	84.8	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821AX
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	89.5	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE821A0
		Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.046 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE821AA
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-15

TOTAL Metals

Lot-Sample #...: E1A090236-010 Matrix.....: SOLID
Date Sampled...: 01/07/01 10:15 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	29300	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AF
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	5.5	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AG
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	1.1 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AH
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	208	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AJ
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.30 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AK
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	34.7	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AL
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.79	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AM
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	5.6	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AN
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AP
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-27-15

TOTAL Metals

Lot-Sample #...: E1A090236-010 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AQ
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	13.8	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AR
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	34.0	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AT
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	2.4 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AU
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	23.2	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AV
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.3	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AW
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	69.7	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831AX
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	83.0	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE831A0
		Dilution Factor: 1		Analysis Time..: 19:07	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.095 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE831AA
		Dilution Factor: 1		Analysis Time..: 17:08	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-5

TOTAL Metals

Lot-Sample #...: E1A090236-011 **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:30 **Date Received..:** 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	**32600**	**20.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE841AF**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	**5.2**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE841AG**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	**0.79 B**	**6.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE841AH**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	**146**	**2.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE841AJ**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	**0.32 B**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE841AK**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	**37.3**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE841AL**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	**0.86**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE841AM**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	**6.6**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE841AN**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE841AP
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-5

TOTAL Metals

Lot-Sample #...: E1A090236-011 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE841AQ
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	14.2	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE841AR
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	33.0	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE841AT
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	1.9 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE841AU
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	26.3	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE841AV
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.4	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE841AW
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	74.1	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE841AX
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	79.5	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE841A0
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	

Prep Batch #...: 1009440

Mercury	0.045 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE841AA
		Dilution Factor: 1		Analysis Time..: 17:10	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-10

TOTAL Metals

Lot-Sample #...: E1A090236-012 Matrix.....: SOLID
Date Sampled...: 01/07/01 10:35 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	31500	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AF
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	6.4	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AG
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.87 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AH
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	158	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AJ
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.40 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AK
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	37.2	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AL
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.86	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AM
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	7.0	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AN
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AP
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-10

TOTAL Metals

Lot-Sample #...: E1A090236-012 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AQ
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	14.9	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AR
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	37.7	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AT
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	2.8 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AU
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	29.6	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AV
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.9	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AW
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	78.7	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861AX
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	80.7	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE861A0
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.040 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE861AA
		Dilution Factor: 1		Analysis Time..: 17:12	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-15

TOTAL Metals

Lot-Sample #...: E1A090236-013 **Matrix.....:** SOLID
Date Sampled...: 01/07/01 10:45 **Date Received..:** 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	**33100**	**20.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE871AF**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	**6.0**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE871AG**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	**1.4 B**	**6.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE871AH**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	**219**	**2.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE871AJ**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	**0.17 B**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE871AK**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	**36.7**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE871AL**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	**0.87**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE871AM**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	**6.1**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE871AN**
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE871AP
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Y-37-15

TOTAL Metals

Lot-Sample #...: E1A090236-013 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE871AQ
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	15.7	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE871AR
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	39.6	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE871AT
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	3.2 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE871AU
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	26.0	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE871AV
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	2.1	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE871AW
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	80.5	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE871AX
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	96.8	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE871A0
		Dilution Factor: 1		Analysis Time..: 19:41	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.050 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE871AA
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-5

TOTAL Metals

Lot-Sample #...: E1A090236-014 Matrix.....: SOLID
Date Sampled...: 01/07/01 00:55 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	34000	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AF
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	6.5	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AG
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.90 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AH
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	273	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AJ
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.27 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AK
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	42.7	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AL
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.89	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AM
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	6.2	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AN
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AP
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-5

TOTAL Metals

Lot-Sample #...: E1A090236-014 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AQ
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	16.0	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AR
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	38.1	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AT
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	2.3 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AU
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	32.4	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AV
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	2.3	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AW
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	83.6	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881AX
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	88.1	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE881A0
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.031 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE881AA
		Dilution Factor: 1		Analysis Time..: 17:20	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-10

TOTAL Metals

Lot-Sample #...: E1A090236-015 Matrix.....: SOLID
Date Sampled...: 01/07/01 13:00 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	31800	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AF
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	8.2	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AG
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.99 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AH
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	244	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AJ
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.28 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AK
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	38.1	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AL
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.87	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AM
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	7.6	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AN
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AP
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-10

TOTAL Metals

Lot-Sample #...: E1A090236-015 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AQ
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	16.5	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AR
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	42.4	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AT
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	3.6 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AU
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	31.2	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AV
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.5	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AW
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	80.9	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891AX
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	90.6	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE891A0
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.030 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE891AA
		Dilution Factor: 1		Analysis Time..: 17:22	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-15

TOTAL Metals

Lot-Sample #...: E1A090236-016 Matrix.....: SOLID
Date Sampled...: 01/07/01 13:10 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	23800	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AF
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	4.3	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AG
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.45 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AH
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	203	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AJ
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.24 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AK
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	26.0	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AL
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.64	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AM
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	5.0	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AN
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AP
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-9-15

TOTAL Metals

Lot-Sample #...: E1A090236-016 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AQ
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	10.7	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AR
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	26.8	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AT
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AU
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	18.5	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AV
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.1	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AW
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	57.0	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1AX
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	68.7	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9A1A0
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.053 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE9A1AA
		Dilution Factor: 1		Analysis Time..: 17:23	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-1

TOTAL Metals

Lot-Sample #...: E1A090236-017 Matrix.....: SOLID
Date Sampled...: 01/07/01 13:30 Date Received..: 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	31100	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AF
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	6.0	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AG
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	0.46 B	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AH
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	203	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AJ
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	0.37 B	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AK
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	35.0	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AL
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	0.83	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AM
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	6.6	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AN
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AP
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-1

TOTAL Metals

Lot-Sample #...: E1A090236-017 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AQ
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	15.3	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AR
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	35.3	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AT
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	3.1 B	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AU
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	24.8	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AV
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	1.6	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AW
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	75.0	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1AX
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	89.2	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9C1A0
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	
Prep Batch #...: 1009440						
Mercury	0.079 B	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE9C1AA
		Dilution Factor: 1		Analysis Time..: 17:25	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-5

TOTAL Metals

Lot-Sample #...: E1A090236-018 **Matrix.....:** SOLID
Date Sampled...: 01/07/01 13:35 **Date Received..:** 01/09/01 15:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1009435						
Aluminum	**38300**	**20.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AF**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 8.0	
Arsenic	**4.8**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AG**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Antimony	ND	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9D1AH
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.20	
Barium	**138**	**2.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AJ**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cadmium	**0.11 B**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AK**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Chromium	**36.4**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AL**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Beryllium	**1.0**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AM**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.050	
Lead	**5.4**	**0.50**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AN**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTE9D1AP
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-323-5

TOTAL Metals

Lot-Sample #...: E1A090236-018 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTE9D1AQ
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Cobalt	**11.2**	**5.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AR**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Copper	**22.8**	**2.5**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AT**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.40	
Molybdenum	**1.6 B**	**4.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AU**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Nickel	**22.8**	**4.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AV**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.30	
Thallium	**1.2**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AW**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.50	
Vanadium	**65.1**	**5.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1AX**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 0.10	
Zinc	**71.4**	**2.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTE9D1A0**
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 0031191	
		Instrument ID..: M01		MS Run #.....: 1009221	MDL.....: 1.0	

Prep Batch #...: 1009440

Mercury	ND	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTE9D1AA
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0210881	
		Instrument ID..: M04		MS Run #.....: 1009225	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E1A090236

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1011212	1011126
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
002	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1011212	1011126
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1016193	1015212
	SOLID	SW846 6010B		1009435	1009221
003	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1016193	1015212
	SOLID	SW846 6010B		1009435	1009221
004	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
005	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
006	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
007	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221

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QC DATA ASSOCIATION SUMMARY

E1A090236

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
008	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1016193	1015212
	SOLID	SW846 6010B		1009435	1009221
009	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
010	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
011	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
012	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
013	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
014	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221

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QC DATA ASSOCIATION SUMMARY

E1A090236

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
015	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
016	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
017	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
018	SOLID	SW846 8015B		1010413	1010247
	SOLID	SW846 8015B		1012250	1012099
	SOLID	SW846 7471A		1009440	1009225
	SOLID	SW846 8260B		1015384	1015204
	SOLID	SW846 6010B		1009435	1009221
019	WATER	SW846 8260B		1011407	1011263

BOE-C6-0144686

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1A090236
MB Lot-Sample #: E1A100000-413
Analysis Date..: 01/11/01
Dilution Factor: 1

Work Order #...: DTG291AA
Prep Date.....: 01/10/01
Prep Batch #...: 1010413
Analyst ID.....: 356074

Matrix.....: SOLID
Analysis Time..: 22:36
Instrument ID..: G03

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	84	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1A090236
MB Lot-Sample #: E1A110000-212
Analysis Date..: 01/10/01
Dilution Factor: 1

Work Order #...: DTH1N1AA
Prep Date.....: 01/10/01
Prep Batch #...: 1011212
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time..: 12:58
Instrument ID..: G16

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)	66	(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 #...: E1A090236
MB Lot-Sample #: E1A110000-407

Work Order #...: DTJ4T1AA

Matrix.....: WATER

Prep Date.....: 01/11/01

Analysis Time..: 09:14

Analysis Date..: 01/11/01

Prep Batch #...: 1011407

Instrument ID..: MSH

Dilution Factor: 1

Analyst ID.....: 015590

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A090236 **Work Order #...:** DTJ4T1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 120)
1,2-Dichloroethane-d4	99	(65 - 130)
Toluene-d8	94	(80 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1A090236
MB Lot-Sample #: E1A120000-250
Analysis Date..: 01/11/01
Dilution Factor: 1

Work Order #...: DTKPG1AA
Prep Date.....: 01/11/01
Prep Batch #...: 1012250
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time..: 01:38
Instrument ID..: G16

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)	77	(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 #...: E1A090236
MB Lot-Sample #: E1A150000-384
Work Order #...: DTNG21AA
Matrix.....: SOLID
Prep Date.....: 01/13/01
Analysis Time..: 14:35
Analysis Date..: 01/13/01
Prep Batch #...: 1015384
Instrument ID..: MSD
Dilution Factor: 1
Analyst ID.....: 004648

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 #...: E1A090236 **Work Order #...:** DTNG21AA **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	90	(70 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	87	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A090236
MB Lot-Sample #: E1A160000-193

Work Order #...: DTN461AA

Matrix.....: SOLID

Prep Date.....: 01/16/01

Analysis Time..: 00:14

Analysis Date..: 01/16/01
Dilution Factor: 1

Prep Batch #...: 1016193

Instrument ID..: MSD

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 #...: E1A090236 **Work Order #...:** DTN461AA **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	98	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	93	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1A090236 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: E1A090000-435 **Prep Batch #...:** 1009435						
Aluminum	ND	20.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AA
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AC
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	ND	6.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AD
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AE
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AF
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	**0.12 B**	**1.0**	**mg/kg**	**SW846 6010B**	**01/10-01/11/01**	**DTFC31AG**
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AH
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AJ
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AK
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AL
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AM
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1A090236 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	2.5	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AN
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AP
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	ND	4.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AQ
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	ND	1.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AR
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AT
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B	01/10-01/11/01	DTFC31AU
		Dilution Factor: 1				
		Analysis Time..: 17:11		Analyst ID.....: 003119	Instrument ID..: M01	

MB Lot-Sample #: E1A090000-440 **Prep Batch #...:** 1009440

Mercury	ND	0.10	mg/kg	SW846 7471A	01/12-01/13/01	DTFDF1AA
		Dilution Factor: 1				
		Analysis Time..: 16:40		Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E1A090236 **Work Order #...:** DTG291AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A100000-413
Prep Date.....: 01/10/01 **Analysis Date..:** 01/11/01
Prep Batch #...: 1010413 **Analysis Time..:** 23:15
Dilution Factor: 1 **Instrument ID..:** G03
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**198**	**mg/kg**	**79**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	86	(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 Volatiles

Client Lot #...: E1A090236 **Work Order #...:** DTH1N1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A110000-212
Prep Date.....: 01/10/01 **Analysis Date..:** 01/10/01
Prep Batch #...: 1011212 **Analysis Time..:** 12:30
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**4.35**	**mg/kg**	**87**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	89	(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 #...: E1A090236 **Work Order #...:** DTJ4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: E1A110000-407
Prep Date.....: 01/11/01 **Analysis Date..:** 01/11/01
Prep Batch #...: 1011407 **Analysis Time..:** 08:44
Dilution Factor: 1 **Instrument ID..:** MSH
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**10.1**	**ug/L**	**101**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**12.6**	**ug/L**	**126**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.15**	**ug/L**	**92**	**SW846 8260B**
Toluene	**10.0**	**9.50**	**ug/L**	**95**	**SW846 8260B**
Trichloroethene	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(75 - 120)
1,2-Dichloroethane-d4	95	(65 - 130)
Toluene-d8	90	(80 - 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 #...: E1A090236 **Work Order #...:** DTKPG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A120000-250
Prep Date.....: 01/11/01 **Analysis Date..:** 01/11/01
Prep Batch #...: 1012250 **Analysis Time..:** 01:09
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**5.06**	**mg/kg**	**101**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	103	(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 #...: E1A090236 **Work Order #...:** DTNG21AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A150000-384
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 14:04
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**57.4**	**ug/kg**	**115**	**SW846 8260B**
Benzene	**50.0**	**52.2**	**ug/kg**	**104**	**SW846 8260B**
Trichloroethene	**50.0**	**46.5**	**ug/kg**	**93**	**SW846 8260B**
Toluene	**50.0**	**52.8**	**ug/kg**	**106**	**SW846 8260B**
Chlorobenzene	**50.0**	**51.8**	**ug/kg**	**104**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	93	(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/MS Volatiles

Client Lot #...: E1A090236 **Work Order #...:** DTN461AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A160000-193
Prep Date.....: 01/15/01 **Analysis Date..:** 01/15/01
Prep Batch #...: 1016193 **Analysis Time..:** 23:06
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**60.1**	**ug/kg**	**120**	**SW846 8260B**
Benzene	**50.0**	55.8	ug/kg	112	SW846 8260B
Trichloroethene	**50.0**	**50.3**	**ug/kg**	**101**	**SW846 8260B**
Toluene	**50.0**	**56.7**	**ug/kg**	**113**	**SW846 8260B**
Chlorobenzene	**50.0**	**56.3**	**ug/kg**	**113**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	103	(70 - 130)
1,2-Dichloroethane-d4	90	(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 #...: E1A090236 **Matrix.....:** SOLID

LCS Lot-Sample#: E1A090000-435 **Prep Batch #...:** 1009435

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	200	199	mg/kg	100	SW846 6010B	01/10-01/11/01	DTFC31AV
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	200	201	mg/kg	100	SW846 6010B	01/10-01/11/01	DTFC31AW
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	50.0	49.7	mg/kg	99	SW846 6010B	01/10-01/11/01	DTFC31AX
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	200	209	mg/kg	104	SW846 6010B	01/10-01/11/01	DTFC31A0
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	5.00	5.31	mg/kg	106	SW846 6010B	01/10-01/11/01	DTFC31A1
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	20.0	21.3	mg/kg	107	SW846 6010B	01/10-01/11/01	DTFC31A2
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	5.00	5.27	mg/kg	105	SW846 6010B	01/10-01/11/01	DTFC31A3
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	50.0	51.2	mg/kg	102	SW846 6010B	01/10-01/11/01	DTFC31A4
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	200	199	mg/kg	99	SW846 6010B	01/10-01/11/01	DTFC31A5
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	5.00	5.17	mg/kg	103	SW846 6010B	01/10-01/11/01	DTFC31A6
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A090236 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	50.0	53.9	mg/kg	108	SW846 6010B	01/10-01/11/01	DTFC31A7
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	25.0	26.0	mg/kg	104	SW846 6010B	01/10-01/11/01	DTFC31A8
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	100	103	mg/kg	103	SW846 6010B	01/10-01/11/01	DTFC31A9
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	50.0	53.1	mg/kg	106	SW846 6010B	01/10-01/11/01	DTFC31CA
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	200	211	mg/kg	105	SW846 6010B	01/10-01/11/01	DTFC31CC
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	50.0	51.9	mg/kg	104	SW846 6010B	01/10-01/11/01	DTFC31CD
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	50.0	52.0	mg/kg	104	SW846 6010B	01/10-01/11/01	DTFC31CE
			Dilution Factor: 1				
			Analysis Time..: 17:21		Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E1A090000-440 **Prep Batch #...:** 1009440

Mercury	0.833	0.807	mg/kg	97	SW846 7471A	01/12-01/13/01	DTFDF1AC
			Dilution Factor: 1				
			Analysis Time..: 16:42		Analyst ID.....: 021088	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 #...:	E1A090236	**Work Order #...:**	DTG291AC	**Matrix.....:**	SOLID
LCS Lot-Sample#:	E1A100000-413				
Prep Date.....:	01/10/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1010413	**Analysis Time..:**	23:15		
Dilution Factor:	1	**Instrument ID..:**	G03		
Analyst ID.....:	356074				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**79**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	86	(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 Volatiles

Client Lot #...: E1A090236 **Work Order #...:** DTH1N1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A110000-212
Prep Date.....: 01/10/01 **Analysis Date..:** 01/10/01
Prep Batch #...: 1011212 **Analysis Time..:** 12:30
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**87**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	89	(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 #...: E1A090236 **Work Order #...:** DTJ4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: E1A110000-407
Prep Date.....: 01/11/01 **Analysis Date..:** 01/11/01
Prep Batch #...: 1011407 **Analysis Time..:** 08:44
Dilution Factor: 1 **Instrument ID..:** MSH
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**101**	**(75 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**126**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**92**	**(80 - 120)**	**SW846 8260B**
Toluene	**95**	**(80 - 120)**	**SW846 8260B**
Trichloroethene	**100**	**(75 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(75 - 120)
1,2-Dichloroethane-d4	95	(65 - 130)
Toluene-d8	90	(80 - 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 #...: E1A090236 **Work Order #...:** DTKPG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A120000-250
Prep Date.....: 01/11/01 **Analysis Date..:** 01/11/01
Prep Batch #...: 1012250 **Analysis Time..:** 01:09
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**101**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	103	(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 #...: E1A090236 **Work Order #...:** DTNG21AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A150000-384
Prep Date.....: 01/13/01 **Analysis Date..:** 01/13/01
Prep Batch #...: 1015384 **Analysis Time..:** 14:04
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**115**	**(60 - 150)**	**SW846 8260B**
Benzene	**104**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**93**	**(70 - 130)**	**SW846 8260B**
Toluene	**106**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**104**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	91	(60 - 140)
Toluene-d8	93	(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/MS Volatiles

Client Lot #...: E1A090236 **Work Order #...:** DTN461AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A160000-193
Prep Date.....: 01/15/01 **Analysis Date..:** 01/15/01
Prep Batch #...: 1016193 **Analysis Time..:** 23:06
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**120**	**(60 - 150)**	**SW846 8260B**
Benzene	**112**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**101**	**(70 - 130)**	**SW846 8260B**
Toluene	**113**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**113**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	103	(70 - 130)
1,2-Dichloroethane-d4	90	(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 #...: E1A090236 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E1A090000-435 **Prep Batch #...:** 1009435					
Aluminum	100	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31AV
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	100	(75 - 115)	SW846 6010B	01/10-01/11/01	DTFC31AW
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	99	(75 - 115)	SW846 6010B	01/10-01/11/01	DTFC31AX
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Barium	104	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31A0
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	106	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31A1
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	107	(85 - 120)	SW846 6010B	01/10-01/11/01	DTFC31A2
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	105	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31A3
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Lead	102	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31A4
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	99	(70 - 115)	SW846 6010B	01/10-01/11/01	DTFC31A5
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Silver	103	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31A6
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A090236 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	108	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31A7
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Copper	104	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31A8
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	103	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31A9
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	106	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31CA
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	105	(75 - 120)	SW846 6010B	01/10-01/11/01	DTFC31CC
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	104	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31CD
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	104	(80 - 120)	SW846 6010B	01/10-01/11/01	DTFC31CE
		Dilution Factor: 1			
		Analysis Time..: 17:21	Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E1A090000-440 **Prep Batch #...:** 1009440

Mercury	97	(85 - 115)	SW846 7471A	01/12-01/13/01	DTFDF1AC
		Dilution Factor: 1			
		Analysis Time..: 16:42	Analyst ID.....: 021088	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 #...:	E1A090236	**Work Order #...:**	DTDQ71AC-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A080183-010		DTDQ71AD-MSD		
Date Sampled...:	01/08/01 13:40	**Date Received..:**	01/08/01 18:00	**MS Run #.....:**	1015212
Prep Date.....:	01/14/01	**Analysis Date..:**	01/14/01		
Prep Batch #...:	1015385	**Analysis Time..:**	19:07		
Dilution Factor:	1	**Analyst ID.....:**	004648	**Instrument ID..:**	MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**50.0**	**46.3**	**ug/kg**	**93**		**SW846 8260B**
	ND	**50.0**	**47.5**	**ug/kg**	**95**	**2.5**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**38.5**	**ug/kg**	**77**		**SW846 8260B**
	ND	**50.0**	**38.8**	**ug/kg**	**78**	**0.64**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**50.0**	**49.0**	**ug/kg**	**98**		**SW846 8260B**
	ND	**50.0**	**50.8**	**ug/kg**	**102**	**3.7**	**SW846 8260B**
Toluene	**ND**	**50.0**	**42.8**	**ug/kg**	**86**		**SW846 8260B**
	ND	**50.0**	**42.5**	**ug/kg**	**85**	**0.72**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**45.6**	**ug/kg**	**91**		**SW846 8260B**
	ND	**50.0**	**46.5**	**ug/kg**	**93**	**2.1**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(70 - 130)
	95	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
	95	(60 - 140)
Toluene-d8	93	(70 - 130)
	93	(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/MS Volatiles

Client Lot #...:	E1A090236	**Work Order #...:**	DTETJ1A2-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1A090190-001		DTETJ1A3-MSD		
Date Sampled...:	01/08/01 13:30	**Date Received..:**	01/09/01 12:20	**MS Run #.....:**	1011263
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1011407	**Analysis Time..:**	17:24		
Dilution Factor:	2.5	**Analyst ID.....:**	015590	**Instrument ID..:**	MSH

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**25.0**	**25.4**	**ug/L**	**102**		**SW846 8260B**
	ND	**25.0**	**25.3**	**ug/L**	**101**	**0.23**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**25.0**	**30.0**	**ug/L**	**120**		**SW846 8260B**
	ND	**25.0**	**30.8**	**ug/L**	**123**	**2.4**	**SW846 8260B**
Chlorobenzene	**ND**	**25.0**	**23.6**	**ug/L**	**94**		**SW846 8260B**
	ND	**25.0**	**23.4**	**ug/L**	**93**	**0.98**	**SW846 8260B**
Toluene	**ND**	**25.0**	**23.8**	**ug/L**	**95**		**SW846 8260B**
	ND	**25.0**	**24.7**	**ug/L**	**99**	**3.8**	**SW846 8260B**
Trichloroethene	**ND**	**25.0**	**24.8**	**ug/L**	**99**		**SW846 8260B**
	ND	**25.0**	**24.5**	**ug/L**	**98**	**1.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
3romofluorobenzene	98	(75 - 120)
	102	(75 - 120)
1,2-Dichloroethane-d4	98	(65 - 130)
	121	(65 - 130)
Toluene-d8	91	(80 - 130)
	99	(80 - 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 #...: E1A090236 **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:05 **Date Received..:** 01/09/01 15:40

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT		UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A090236-001 **Prep Batch #...:** 1009435										
Aluminum										
	25100	200	26400	NC	mg/kg			SW846 6010B	01/10-01/11/01	DTE8Q1A1
	25100	200	24700	NC	mg/kg			SW846 6010B	01/10-01/11/01	DTE8Q1A2
			Dilution Factor: 1							
			Analysis Time..: 17:43			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1009221							
Arsenic										
	4.4	200	191		mg/kg	93		SW846 6010B	01/10-01/11/01	DTE8Q1A3
	4.4	200	189		mg/kg	92	1.3	SW846 6010B	01/10-01/11/01	DTE8Q1A4
			Dilution Factor: 1							
			Analysis Time..: 17:43			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1009221							
Antimony										
	0.82	50.0	17.4	N	mg/kg	33		SW846 6010B	01/10-01/11/01	DTE8Q1A5
	0.82	50.0	16.4	N	mg/kg	31	5.8	SW846 6010B	01/10-01/11/01	DTE8Q1A6
			Dilution Factor: 1							
			Analysis Time..: 17:43			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1009221							
Barium										
	139	200	336		mg/kg	99		SW846 6010B	01/10-01/11/01	DTE8Q1A7
	139	200	333		mg/kg	97	0.90	SW846 6010B	01/10-01/11/01	DTE8Q1A8
			Dilution Factor: 1							
			Analysis Time..: 17:43			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1009221							
Cadmium										
	0.54	5.00	5.40		mg/kg	97		SW846 6010B	01/10-01/11/01	DTE8Q1A9
	0.54	5.00	5.88		mg/kg	107	8.5	SW846 6010B	01/10-01/11/01	DTE8Q1CA
			Dilution Factor: 1							
			Analysis Time..: 17:43			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1009221							
Chromium										
	26.7	20.0	46.5		mg/kg	99		SW846 6010B	01/10-01/11/01	DTE8Q1CC
	26.7	20.0	44.0		mg/kg	87	5.5	SW846 6010B	01/10-01/11/01	DTE8Q1CD
			Dilution Factor: 1							
			Analysis Time..: 17:43			Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1009221							

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A090236 **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:05 **Date Received..:** 01/09/01 15:40

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	0.67	5.00	5.73	mg/kg	101		SW846 6010B	01/10-01/11/01	DTE8Q1CE
	0.67	5.00	5.61	mg/kg	99	2.0	SW846 6010B	01/10-01/11/01	DTE8Q1CF
				Dilution Factor: 1					
				Analysis Time..: 17:43	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1009221					
Lead									
	6.0	50.0	55.1	mg/kg	98		SW846 6010B	01/10-01/11/01	DTE8Q1CG
	6.0	50.0	55.9	mg/kg	100	1.4	SW846 6010B	01/10-01/11/01	DTE8Q1CH
				Dilution Factor: 1					
				Analysis Time..: 17:43	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1009221					
Selenium									
	ND	200	184	mg/kg	92		SW846 6010B	01/10-01/11/01	DTE8Q1CJ
	ND	200	182	mg/kg	91	1.1	SW846 6010B	01/10-01/11/01	DTE8Q1CK
				Dilution Factor: 1					
				Analysis Time..: 17:43	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1009221					
Silver									
	ND	5.00	4.50	mg/kg	90		SW846 6010B	01/10-01/11/01	DTE8Q1CL
	ND	5.00	4.47	mg/kg	89	0.62	SW846 6010B	01/10-01/11/01	DTE8Q1CM
				Dilution Factor: 1					
				Analysis Time..: 17:43	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1009221					
Cobalt									
	11.8	50.0	61.6	mg/kg	100		SW846 6010B	01/10-01/11/01	DTE8Q1CN
	11.8	50.0	65.8	mg/kg	108	6.6	SW846 6010B	01/10-01/11/01	DTE8Q1CP
				Dilution Factor: 1					
				Analysis Time..: 17:43	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1009221					
Copper									
	18.7	25.0	44.6	mg/kg	104		SW846 6010B	01/10-01/11/01	DTE8Q1CQ
	18.7	25.0	42.9	mg/kg	97	3.8	SW846 6010B	01/10-01/11/01	DTE8Q1CR
				Dilution Factor: 1					
				Analysis Time..: 17:43	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1009221					
Molybdenum									
	1.6	100	93.5	mg/kg	92		SW846 6010B	01/10-01/11/01	DTE8Q1CT
	1.6	100	91.6	mg/kg	90	2.1	SW846 6010B	01/10-01/11/01	DTE8Q1CU
				Dilution Factor: 1					
				Analysis Time..: 17:43	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1009221					

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A090236 **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:05 **Date Received..:** 01/09/01 15:40

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	17.0	50.0	65.7	mg/kg	97		SW846 6010B	01/10-01/11/01	DTE8Q1CV
	17.0	50.0	65.2	mg/kg	96	0.83	SW846 6010B	01/10-01/11/01	DTE8Q1CW
				Dilution Factor: 1					
				Analysis Time..: 17:43		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 1009221					
Thallium									
	1.6	200	198	mg/kg	98		SW846 6010B	01/10-01/11/01	DTE8Q1CX
	1.6	200	193	mg/kg	96	2.2	SW846 6010B	01/10-01/11/01	DTE8Q1C0
				Dilution Factor: 1					
				Analysis Time..: 17:43		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 1009221					
Vanadium									
	55.5	50.0	105	mg/kg	99		SW846 6010B	01/10-01/11/01	DTE8Q1C1
	55.5	50.0	100	mg/kg	89	5.0	SW846 6010B	01/10-01/11/01	DTE8Q1C2
				Dilution Factor: 1					
				Analysis Time..: 17:43		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 1009221					
Zinc									
	56.3	50.0	107	mg/kg	101		SW846 6010B	01/10-01/11/01	DTE8Q1C3
	56.3	50.0	107	mg/kg	101	0.03	SW846 6010B	01/10-01/11/01	DTE8Q1C4
				Dilution Factor: 1					
				Analysis Time..: 17:43		Instrument ID..: M01		Analyst ID.....: 003119	
				MS Run #.....: 1009221					

MS Lot-Sample #: E1A090236-001 **Prep Batch #...:** 1009440

Mercury									
	0.023	0.167	0.190	mg/kg	100		SW846 7471A	01/12-01/13/01	DTE8Q1C5
	0.023	0.167	0.185	mg/kg	97	2.7	SW846 7471A	01/12-01/13/01	DTE8Q1C6
				Dilution Factor: 1					
				Analysis Time..: 16:45		Instrument ID..: M04		Analyst ID.....: 021088	
				MS Run #.....: 1009225					

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...:	E1A090236	**Work Order #...:**	DTE8Q1C7-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A090236-001		DTE8Q1C8-MSD		
Date Sampled...:	01/07/01 08:05	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1010247
Prep Date.....:	01/10/01	**Analysis Date..:**	01/12/01		
Prep Batch #...:	1010413	**Analysis Time..:**	00:33		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G03

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)		**250**	**189**	**mg/kg**	**75**		**SW846 8015B**
		250	**180**	**mg/kg**	**72**	**4.8**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)
	80	(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 #...:	E1A090236	Work Order #...:	DTE8Q1C9-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E1A090236-001		DTE8Q1DA-MSD		
Date Sampled...:	01/07/01 08:05	Date Received..:	01/09/01 15:40	MS Run #.....:	1015204
Prep Date.....:	01/13/01	Analysis Date..:	01/13/01		
Prep Batch #...:	1015384	Analysis Time..:	15:46		
Dilution Factor:	1	Analyst ID.....:	004648	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**	**48.3**	**ug/kg**	**97**	**3.0**	**SW846 8260B**
Benzene	**ND**	**50.0**	**47.9**	**ug/kg**	**96**		**SW846 8260B**
	ND	**50.0**	**46.2**	**ug/kg**	**92**	**3.6**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**44.1**	**ug/kg**	**88**		**SW846 8260B**
	ND	**50.0**	**42.8**	**ug/kg**	**86**	**3.1**	**SW846 8260B**
Toluene	**ND**	**50.0**	**48.0**	**ug/kg**	**96**		**SW846 8260B**
	ND	**50.0**	**45.6**	**ug/kg**	**91**	**5.0**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**47.6**	**ug/kg**	**95**		**SW846 8260B**
	ND	**50.0**	**45.2**	**ug/kg**	**90**	**5.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
3romofluorobenzene	89	(70 - 130)
	90	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
	95	(60 - 140)
Toluene-d8	90	(70 - 130)
	90	(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 #...:	E1A090236	**Work Order #...:**	DTE881A1-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A090236-014		DTE881A2-MSD		
Date Sampled...:	01/07/01 00:55	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	10:37		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**ND**	**5.00**	**5.18**	**mg/kg**	**104**		**SW846 8015B**
	ND	**5.00**	**4.61**	**mg/kg**	**92**	**12**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	108	(60 - 130)
	69	(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 Volatiles

Client Lot #...:	E1A090236	**Work Order #...:**	DTFA31A3-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A090238-011		DTFA31A4-MSD		
Date Sampled...:	01/08/01 10:30	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1011126
Prep Date.....:	01/10/01	**Analysis Date..:**	01/10/01		
Prep Batch #...:	1011212	**Analysis Time..:**	22:47		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**ND**	**5.00**	**5.37**	**mg/kg**	**107**		**SW846 8015B**
	ND	**5.00**	**5.05**	**mg/kg**	**101**	**6.2**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	109	(60 - 130)
	107	(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 #...:	E1A090236	**Work Order #...:**	DTDQ71AC-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A080183-010		DTDQ71AD-MSD		
Date Sampled...:	01/08/01 13:40	**Date Received..:**	01/08/01 18:00	**MS Run #.....:**	1015212
Prep Date.....:	01/14/01	**Analysis Date..:**	01/14/01		
Prep Batch #...:	1015385	**Analysis Time..:**	19:07		
Dilution Factor:	1	**Analyst ID.....:**	004648	**Instrument ID..:**	MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**93**	**(70 - 140)**			**SW846 8260B**
	95	**(70 - 140)**	**2.5**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**77**	**(70 - 130)**			**SW846 8260B**
	78	**(70 - 130)**	**0.64**	**(0-30)**	**SW846 8260B**
1,1-Dichloroethene	**98**	**(60 - 150)**			**SW846 8260B**
	102	**(60 - 150)**	**3.7**	**(0-30)**	**SW846 8260B**
Toluene	**86**	**(70 - 130)**			**SW846 8260B**
	85	**(70 - 130)**	**0.72**	**(0-30)**	**SW846 8260B**
Trichloroethene	**91**	**(70 - 130)**			**SW846 8260B**
	93	**(70 - 130)**	**2.1**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
3romofluorobenzene	96	(70 - 130)
	95	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
	95	(60 - 140)
Toluene-d8	93	(70 - 130)
	93	(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/MS Volatiles

Client Lot #...:	E1A090236	**Work Order #...:**	DTETJ1A2-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1A090190-001		DTETJ1A3-MSD		
Date Sampled...:	01/08/01 13:30	**Date Received..:**	01/09/01 12:20	**MS Run #.....:**	1011263
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1011407	**Analysis Time..:**	17:24		
Dilution Factor:	2.5	**Analyst ID.....:**	015590	**Instrument ID..:**	MSH

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**102**	**(75 - 120)**			**SW846 8260B**
	101	**(75 - 120)**	**0.23**	**(0-25)**	**SW846 8260B**
1,1-Dichloroethene	**120**	**(70 - 130)**			**SW846 8260B**
	123	**(70 - 130)**	**2.4**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**94**	**(80 - 120)**			**SW846 8260B**
	93	**(80 - 120)**	**0.98**	**(0-25)**	**SW846 8260B**
Toluene	**95**	**(80 - 120)**			**SW846 8260B**
	99	**(80 - 120)**	**3.8**	**(0-25)**	**SW846 8260B**
Trichloroethene	**99**	**(75 - 130)**			**SW846 8260B**
	98	**(75 - 130)**	**1.3**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 120)
	102	(75 - 120)
1,2-Dichloroethane-d4	98	(65 - 130)
	121	(65 - 130)
Toluene-d8	91	(80 - 130)
	99	(80 - 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 #...: E1A090236 **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:05 **Date Received..:** 01/09/01 15:40

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A090236-001 **Prep Batch #...:** 1009435							
Aluminum	NC	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1A1
	NC	(80 - 120)		(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1A2
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Arsenic	93	(75 - 115)			SW846 6010B	01/10-01/11/01	DTE8Q1A3
	92	(75 - 115)	1.3	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1A4
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Antimony	33 N	(75 - 115)			SW846 6010B	01/10-01/11/01	DTE8Q1A5
	31 N	(75 - 115)	5.8	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1A6
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Barium	99	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1A7
	97	(80 - 120)	0.90	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1A8
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Cadmium	97	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1A9
	107	(80 - 120)	8.5	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1CA
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Chromium	99	(85 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1CC
	87	(85 - 120)	5.5	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1CD
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Beryllium	101	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1CE
	99	(80 - 120)	2.0	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1CF
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A090236 **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:05 **Date Received..:** 01/09/01 15:40

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	98	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1CG
	100	(80 - 120)	1.4	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1CH
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Selenium	92	(70 - 115)			SW846 6010B	01/10-01/11/01	DTE8Q1CJ
	91	(70 - 115)	1.1	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1CK
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Silver	90	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1CL
	89	(80 - 120)	0.62	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1CM
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Cobalt	100	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1CN
	108	(80 - 120)	6.6	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1CP
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Copper	104	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1CQ
	97	(80 - 120)	3.8	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1CR
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Molybdenum	92	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1CT
	90	(80 - 120)	2.1	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1CU
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Nickel	97	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1CV
	96	(80 - 120)	0.83	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1CW
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					
Thallium	98	(75 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1CX
	96	(75 - 120)	2.2	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1C0
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1009221					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A090236 **Matrix.....:** SOLID
Date Sampled...: 01/07/01 08:05 **Date Received..:** 01/09/01 15:40

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	99	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1C1
	89	(80 - 120)	5.0	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1C2

Dilution Factor: 1
Analysis Time..: 17:43 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 1009221

Zinc	101	(80 - 120)			SW846 6010B	01/10-01/11/01	DTE8Q1C3
	101	(80 - 120)	0.03	(0-25)	SW846 6010B	01/10-01/11/01	DTE8Q1C4

Dilution Factor: 1
Analysis Time..: 17:43 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 1009221

MS Lot-Sample #: E1A090236-001 **Prep Batch #...:** 1009440

Mercury	100	(80 - 120)			SW846 7471A	01/12-01/13/01	DTE8Q1C5
	97	(80 - 120)	2.7	(0-20)	SW846 7471A	01/12-01/13/01	DTE8Q1C6

Dilution Factor: 1
Analysis Time..: 16:45 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 1009225

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E1A090236	**Work Order #...:**	DTE8Q1C7-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A090236-001		DTE8Q1C8-MSD		
Date Sampled...:	01/07/01 08:05	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1010247
Prep Date.....:	01/10/01	**Analysis Date..:**	01/12/01		
Prep Batch #...:	1010413	**Analysis Time..:**	00:33		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G03

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**75**	**(60 - 130)**			**SW846 8015B**
	72	**(60 - 130)**	**4.8**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	79	(60 - 130)
	80	(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 #...:	E1A090236	**Work Order #...:**	DTE8Q1C9-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A090236-001		DTE8Q1DA-MSD		
Date Sampled...:	01/07/01 08:05	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1015204
Prep Date.....:	01/13/01	**Analysis Date..:**	01/13/01		
Prep Batch #...:	1015384	**Analysis Time..:**	15:46		
Dilution Factor:	1	**Analyst ID.....:**	004648	**Instrument ID..:**	MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**100**	**(60 - 150)**			**SW846 8260B**
	97	**(60 - 150)**	**3.0**	**(0-30)**	**SW846 8260B**
Benzene	**96**	**(70 - 140)**			**SW846 8260B**
	92	**(70 - 140)**	**3.6**	**(0-30)**	**SW846 8260B**
Trichloroethene	**88**	**(70 - 130)**			**SW846 8260B**
	86	**(70 - 130)**	**3.1**	**(0-30)**	**SW846 8260B**
Toluene	**96**	**(70 - 130)**			**SW846 8260B**
	91	**(70 - 130)**	**5.0**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**95**	**(70 - 130)**			**SW846 8260B**
	90	**(70 - 130)**	**5.3**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(70 - 130)
	90	(70 - 130)
1,2-Dichloroethane-d4	93	(60 - 140)
	95	(60 - 140)
Toluene-d8	90	(70 - 130)
	90	(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 #...:	E1A090236	**Work Order #...:**	DTE881A1-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A090236-014		DTE881A2-MSD		
Date Sampled...:	01/07/01 00:55	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1012099
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1012250	**Analysis Time..:**	10:37		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**104**	**(80 - 140)**			**SW846 8015B**
	92	**(80 - 140)**	**12**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	108	(60 - 130)
	69	(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 Volatiles

Client Lot #...:	E1A090236	**Work Order #...:**	DTFA31A3-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A090238-011		DTFA31A4-MSD		
Date Sampled...:	01/08/01 10:30	**Date Received..:**	01/09/01 15:40	**MS Run #.....:**	1011126
Prep Date.....:	01/10/01	**Analysis Date..:**	01/10/01		
Prep Batch #...:	1011212	**Analysis Time..:**	22:47		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**107**	**(80 - 140)**			**SW846 8015B**
	101	**(80 - 140)**	**6.2**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	109	(60 - 130)
	107	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters