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

December 29, 2000

STL LOT NUMBER: **E0L160148**
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 27 samples received under chain of custody by STL Los Angeles on December 16, 2000. These samples are associated with your Boeing C-6 project.

All applicable quality control procedures met method-specified acceptance criteria. Matrix related anomalies are footnoted within the report.

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

# Analysis Request and C[illegible]n of Custody Record

**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

Lab Job No: _____
Page _____ of _____

REQUIRED TAT: _____

BOE-C6-0164884

| CUSTOMER INFORMATION | PROJECT INFORMATION |
|---|---|
| COMPANY: Kennedy Jenks | PROJECT NAME: Boeing C6 |
| SEND REPORT TO: Jay Knight | NUMBER: 004032.00 |
| ADDRESS: 2151 Michelson Dr. #100 | LOCATION: Torrance |
| Irvine, CA 92612 | ADDRESS: |
| | |
| PHONE: 949-261-1577 FAX: | SAMPLED BY: Tim Doyle |

ANALYSIS/METHOD REQUEST

| SAMPLE ID | NO. OF CONTAINERS | SAMPLE DATE | SAMPLE TIME | SAMPLE MATRIX | CONTAINER TYPE | PRES. | VOC | METALS | TPH | PCBS | | | | | REMARKS/PRECAUTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C-2-278-5' | 1 | 12/15 | 8:30 | Soil | Acetate Liner | ICE | X | X | X | X | | | | | |
| " -10 | | | 8:40 | | | | | | | | | | | | |
| C-2-279-5 | | | 8:45 | | | | | | | | | | | | |
| -10 | | | 8:50 | | | | | | | | | | | | |
| C-2-280-5 | | | 9:05 | | | | | | | | | | | | |
| -10 | | | 9:10 | | | | | | | | | | | | |
| C-2-281-5 | | | 9:35 | | | | | | | | | | | | |
| -10 | | | 9:45 | | | | | | | | | | | | |
| -15 | | | 9:52 | | | | X | X | X | X | | | | | |
| C-2-282-5 | | | 10:10 | | | | X | X | X | | | | | | |
| -10 | | | 10:15 | | | | X | | X | | | | | | |
| -15 | | | 10:40 | | | | X | | X | | | | | | |
| C-2-283-5 | | | 12:10 | | | | X | X | X | | | | | | |
| -10 | 1 | 12/15 | 12:15 | Soil | Acetate Liner | ICE | X | | | | | | | | |

Total No. of Samples: 14

Method of Shipment:

| Relinquished By: | Date/Time: | Received By: | Date/Time: | Reporting Format: (check) |
|---|---|---|---|---|
| Tim Doyle | 12/15/00 | [illegible] | 12-15-00 @1630 | NORMAL _____ S.D. HMMD _____ |
| [illegible] | 12/15/00 17:50 | Adolfo Villalobos | 12/15 17:50 | RWQCB _____ OTHER _____ |
| Relinquished By: | Date/Time: | Received For Lab By: | Date/Time: | 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.

000002

# Analysis Request and C[illegible]n of Custody Record

**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

Lab Job No: _____
Page _____ of _____

REQUIRED TAT: _____

| CUSTOMER INFORMATION | PROJECT INFORMATION |
|---|---|
| COMPANY: Kennedy Jenks | PROJECT NAME: Boeing C-6 |
| SEND REPORT TO: Jay Knight | NUMBER: 004032.00 |
| ADDRESS: 2151 Michelson Dr. #100 | LOCATION: |
| Irvine CA 92612 | ADDRESS: |
| PHONE: 949-264-1577 FAX: | SAMPLED BY: Tim Doyle |

| SAMPLE ID | NO. OF CONTAINERS | SAMPLE DATE | SAMPLE TIME | SAMPLE MATRIX | CONTAINER TYPE | PRES. | VOC | METALS | TPH | PCBs | | | | | REMARKS/PRECAUTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C-2-284 -5 | 1 | 12/15 | 12:25 | | | | X | X | X | | | | | | |
| " -10 | | | 12:35 | | | | X | | | | | | | | |
| C-2-285- 5 | | | 1:00 | | | | X | X | | | | | | | |
| -10 | | | 1:05 | | | | X | X | | | | | | | |
| C-2-286-2 | | | 1:30 | | | | | | | X | | | | | |
| C-2-287 -2 | | | 1:40 | | | | | | | X | | | | | |
| C-2-289 -2 | | | 1:55 | | | | | | | X | | | | | |
| C-2-290-5 | | | 2:10 | | | | X | X | X | | | | | | |
| -10 | | | 2:15 | | | | X | | X | | | | | | |
| -15 | | | 2:25 | | | | X | | X | | | | | | |
| C-2-291-2 | 1 | | 2:30 | | | | | | | X | | | | | |
| RINSATE | 1 | | 3:30 | | | | X | | | | | | | | |
| TRIP BLANK | 1 | | 3:30 | | | | X | | | | | | | | |

Total No. of Samples: 13

Method of Shipment:

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| Tim Doyle | 12/15/00 | [signature] | 12-15-00 @1630 |
| [signature] | 12/15/0 1750 | [signature] | 12/15 17:50 |
| | | | |

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-C6-0164885

000003

# STL – LOS ANGELES
## PROJECT RECEIPT CHECKLIST

Date: 12/15/00

Quantims Lot #: EOL 160 148
Quote #:
Client Name: Kennedy Jenks
Project: Boeing C6
Received by: AV
Date/Time Received: 12/15 . 17:50
Delivered by : ☐Client ☐Airborne ☐Fed Ex ☐DHL ☐Ultra-Ex ☐Rey B. ☐UPS ☐DES ☒Other MIKE H.

Initial / Date

Custody Seal Status: ☐Intact ☐Broken ☒None ..... AV 12/15
Custody Seal #(s): ☐No Seal # .....
Sample Container(s): ☐STL-LA ☒Client ☐N/A .....
Temperature(s) (COOLER/BLANK) in °C: 16°C (CORRECTED TEMP) .....
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 ..... AV 12/15
Short-Hold Notification: ☐Ph ☐Wet Chem ☐Metals (Filter/Pres) ☐Encore ☐N/A ...
Outside Analysis(es) (Test/Lab/Date Sent Out) :
see attached missing samples.

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

| Fraction | 1 TO 17 | 18 | 19 to 25 | 26,27 | | | | | | | PH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| VOAh /* | | | | 1 | | | | | | | N/A |
| Daily Shave | 1 | 0 | 1 | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

H: HCl  na: Sodium Hydroxide  zna: Zinc Acetate/Sodium Hydroxide  s: $H_2SO_4$  n: $HNO_3$  n/f: $HNO_3$-Field filtered  n/fl: $HNO_3$-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: 12/15/00  REVIEWED BY/DATE: 12/18/00

000004

BOE-C6-0164886

STL Los Angeles
Condition Upon Receipt Anomaly Report (CUR)

Client: EOL 160 148 Date/Time 12/16 13:00
Lot No: KENNEDY JENKS Initiated by: AV

| Affected samples | | Chain of Custody # |
|---|---|---|
| Client ID | Lab ID | Analyses Requested |
| # 018 C-2-285-10 | | |
| AT 13:05 ON COC | | |
| BUT NOT ON COOLER | | |
| | | |
| | | |
| | | |

CONDITION/ANOMALY/VARIANCE (CHECK ALL THAT APPLY):

- COOLERS
  - ☐ Not Received, No (COC)
  - ☐ Not Received but COC (s) Available
  - ☐ Leaking
  - ☐ Other: _____
- CUSTODY SEALS (COOLER(S)/CONTAINER(S)
  - ☐ None
  - ☐ Not Intact
  - ☐ Other _____
- TEMPERATURE (SPECS 4 ± 2°C)
  - ☐ Cooler Temp(s) _____
  - ☐ Temperature Blank(s) _____
- CHAIN OF CUSTODY (COC)
  - ☐ Not relinquished by Client; No date/time relinquished
  - ☐ Incomplete information provided
  - ☐ Other _____
- CONTAINERS
  - ☐ Leaking
  - ☐ Broken
  - ☐ Extra
  - ☐ Without Labels
  - ☐ VOA Vials with Headspace _____ mm
  - ☐ Other: _____
- CONTAINERS LABELS
  - ☐ Not the same ID/info as in COC
  - ☐ Incomplete Information
    - ☐ Preservative
    - ☐ Collection _____ Time _____ Date
  - ☐ Markings/Info illegible
  - ☐ Torn
  - ☐ Other _____
- SAMPLES
  - ☒ Samples NOT RECEIVED but listed on COC
  - ☐ Samples received but NOT LISTED on COC
  - ☐ Logged based on Label Information
  - ☐ Logged based on info from other samples on COC
  - ☐ Logged according to Work Plan
  - ☐ Logged on HOLD UNTIL FURTHER NOTICE
  - ☐ Other _____
  - ☐ Will be noted on COC—Client to send samples with new COC
  - ☐ Mislabeled as to tests, preservatives, etc.
  - ☐ Holding time expired
  - ☐ Improper container used
  - ☐ Not preserved/Improper preservative used
  - ☐ Improper pH _____ Lab to preserve sample and document
  - ☐ Insufficient quantities for analysis

Comments 12/21/00 met refusal - no sample collected per Jay Knight

Corrective Action Implemented:
- ☒ Client Informed: verbally on _____ By: _____ In writing on 12/21/00 By: _____
- ☐ Sample(s) processed "as is."
- ☐ Sample(s) on hold until: _____ If released, notify: _____

Sample Control Supervisor Review: _____ Date: _____
Project Management Review: _____ Date: 12/21/00

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

# EXECUTIVE SUMMARY - Detection Highlights

E0L160148

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | ANALYTICAL METHOD |
|---|---|---|---|---|
| C-2-278-5' 12/15/00 08:30 001 | | | | |
| Mercury | 0.032 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 25700 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 4.0 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.69 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 133 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.46 B | 0.50 | mg/kg | SW846 6010B |
| Chromium | 26.6 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.75 | 0.50 | mg/kg | SW846 6010B |
| Lead | 4.6 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 10.6 | 5.0 | mg/kg | SW846 6010B |
| Copper | 18.8 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.6 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 21.5 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 1.0 | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 55.3 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 59.6 | 2.0 | mg/kg | SW846 6010B |
| C-2-278-10' 12/15/00 08:40 002 | | | | |
| Mercury | 0.046 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 28000 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 5.6 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.84 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 153 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.70 | 0.50 | mg/kg | SW846 6010B |
| Chromium | 31.9 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.78 | 0.50 | mg/kg | SW846 6010B |
| Lead | 5.8 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 12.4 | 5.0 | mg/kg | SW846 6010B |
| Copper | 35.0 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 2.0 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 23.7 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 1.0 | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 69.4 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 74.7 | 2.0 | mg/kg | SW846 6010B |
| C-2-279-5' 12/15/00 08:45 003 | | | | |
| Aroclor 1260 | 62 | 33 | ug/kg | SW846 8082 |
| Mercury | 0.068 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 33500 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 4.1 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.40 B | 6.0 | mg/kg | SW846 6010B |

(Continued on next page)

# EXECUTIVE SUMMARY - Detection Highlights

E0L160148

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | ANALYTICAL METHOD |
|---|---|---|---|---|
| C-2-279-5' 12/15/00 08:45 003 | | | | |
| Barium | 134 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.56 | 0.50 | mg/kg | SW846 6010B |
| Chromium | 33.3 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.87 | 0.50 | mg/kg | SW846 6010B |
| Lead | 5.3 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 10.6 | 5.0 | mg/kg | SW846 6010B |
| Copper | 20.3 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.7 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 24.9 | 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 | 65.2 | 2.0 | mg/kg | SW846 6010B |
| C-2-279-10' 12/15/00 08:50 004 | | | | |
| Mercury | 0.043 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 31600 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 6.1 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.45 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 229 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.86 | 0.50 | mg/kg | SW846 6010B |
| Chromium | 38.7 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.86 | 0.50 | mg/kg | SW846 6010B |
| Lead | 6.9 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 15.2 | 5.0 | mg/kg | SW846 6010B |
| Copper | 37.1 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 2.1 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 28.6 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 1.1 | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 77.6 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 83.6 | 2.0 | mg/kg | SW846 6010B |
| C-2-280-5' 12/15/00 09:05 005 | | | | |
| C24-C27 | 6.2 J | 10 | mg/kg | SW846 8015B |
| Total Carbon Chain Range | 6.5 J | 10 | mg/kg | SW846 8015B |
| Mercury | 0.065 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 21800 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 3.0 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.49 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 140 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.32 B | 0.50 | mg/kg | SW846 6010B |
| Chromium | 24.6 | 1.0 | mg/kg | SW846 6010B |

(Continued on next page)

# EXECUTIVE SUMMARY - Detection Highlights

E0L160148

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | ANALYTICAL METHOD |
|---|---|---|---|---|
| C-2-280-5' 12/15/00 09:05 005 | | | | |
| Beryllium | 0.54 | 0.50 | mg/kg | SW846 6010B |
| Lead | 4.8 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 12.2 | 5.0 | mg/kg | SW846 6010B |
| Copper | 15.9 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.4 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 17.4 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 0.62 B | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 50.1 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 50.2 | 2.0 | mg/kg | SW846 6010B |
| C-2-280-10' 12/15/00 09:10 006 | | | | |
| Mercury | 0.073 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 33900 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 6.0 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.55 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 159 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.70 | 0.50 | mg/kg | SW846 6010B |
| Chromium | 39.3 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.92 | 0.50 | mg/kg | SW846 6010B |
| Lead | 7.0 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 14.3 | 5.0 | mg/kg | SW846 6010B |
| Copper | 34.5 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 2.1 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 28.5 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 0.77 B | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 79.0 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 80.0 | 2.0 | mg/kg | SW846 6010B |
| C-2-281-5' 12/15/00 09:35 007 | | | | |
| C12-C13 | 180 J | 200 | mg/kg | SW846 8015B |
| C14-C15 | 430 | 200 | mg/kg | SW846 8015B |
| C16-C17 | 480 | 200 | mg/kg | SW846 8015B |
| C18-C19 | 420 | 200 | mg/kg | SW846 8015B |
| C20-C23 | 260 | 200 | mg/kg | SW846 8015B |
| C24-C27 | 200 | 200 | mg/kg | SW846 8015B |
| C28-C31 | 130 J | 200 | mg/kg | SW846 8015B |
| Total Carbon Chain Range | 2400 | 200 | mg/kg | SW846 8015B |
| Aroclor 1260 | 2400 | 160 | ug/kg | SW846 8082 |
| Mercury | 0.072 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 23800 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 2.8 | 1.0 | mg/kg | SW846 6010B |

(Continued on next page)

# EXECUTIVE SUMMARY - Detection Highlights

E0L160148

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | ANALYTICAL METHOD |
|---|---|---|---|---|
| C-2-281-5' 12/15/00 09:35 007 | | | | |
| Antimony | 0.38 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 133 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.58 | 0.50 | mg/kg | SW846 6010B |
| Chromium | 24.8 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.62 | 0.50 | mg/kg | SW846 6010B |
| Lead | 11.1 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 10.2 | 5.0 | mg/kg | SW846 6010B |
| Copper | 18.9 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.4 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 18.3 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 0.50 B | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 56.2 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 95.6 | 2.0 | mg/kg | SW846 6010B |
| 1,2,4-Trimethylbenzene | 14 J | 25 | ug/kg | SW846 8260B |
| n-Butylbenzene | 10 J | 25 | ug/kg | SW846 8260B |
| C-2-281-10' 12/15/00 09:45 008 | | | | |
| C28-C31 | 6.6 J | 10 | mg/kg | SW846 8015B |
| Mercury | 0.047 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 29600 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 5.0 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.73 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 169 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.76 | 0.50 | mg/kg | SW846 6010B |
| Chromium | 35.8 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.80 | 0.50 | mg/kg | SW846 6010B |
| Lead | 6.2 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 13.6 | 5.0 | mg/kg | SW846 6010B |
| Copper | 33.2 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.8 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 25.8 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 0.75 B | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 71.2 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 79.6 | 2.0 | mg/kg | SW846 6010B |
| C-2-281-15' 12/15/00 09:52 009 | | | | |
| C14-C15 | 8.9 J | 10 | mg/kg | SW846 8015B |
| C16-C17 | 19 | 10 | mg/kg | SW846 8015B |
| C18-C19 | 23 | 10 | mg/kg | SW846 8015B |
| C20-C23 | 19 | 10 | mg/kg | SW846 8015B |
| C24-C27 | 42 | 10 | mg/kg | SW846 8015B |

(Continued on next page)

# EXECUTIVE SUMMARY - Detection Highlights

E0L160148

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | ANALYTICAL METHOD |
|---|---|---|---|---|
| C-2-281-15' 12/15/00 09:52 009 | | | | |
| C28-C31 | 39 | 10 | mg/kg | SW846 8015B |
| C32-C35 | 30 | 10 | mg/kg | SW846 8015B |
| C36-C39 | 20 | 10 | mg/kg | SW846 8015B |
| C40+ | 35 | 10 | mg/kg | SW846 8015B |
| Total Carbon Chain Range | 240 | 10 | mg/kg | SW846 8015B |
| Aroclor 1260 | 290 | 33 | ug/kg | SW846 8082 |
| Mercury | 0.055 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 25900 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 5.5 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.58 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 140 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.58 | 0.50 | mg/kg | SW846 6010B |
| Chromium | 29.1 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.72 | 0.50 | mg/kg | SW846 6010B |
| Lead | 5.7 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 12.5 | 5.0 | mg/kg | SW846 6010B |
| Copper | 28.3 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.7 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 20.4 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 0.64 B | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 63.3 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 69.2 | 2.0 | mg/kg | SW846 6010B |
| Trichloroethene | 10 | 5.0 | ug/kg | SW846 8260B |
| C-2-282-5' 12/15/00 10:10 010 | | | | |
| C24-C27 | 18 | 10 | mg/kg | SW846 8015B |
| Total Carbon Chain Range | 19 | 10 | mg/kg | SW846 8015B |
| Mercury | 0.040 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 29300 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 3.4 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.22 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 111 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.40 B | 0.50 | mg/kg | SW846 6010B |
| Chromium | 30.7 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.84 | 0.50 | mg/kg | SW846 6010B |
| Lead | 4.4 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 8.3 | 5.0 | mg/kg | SW846 6010B |
| Copper | 16.1 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.4 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 17.2 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 0.63 B | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 57.1 | 5.0 | mg/kg | SW846 6010B |

(Continued on next page)

# EXECUTIVE SUMMARY - Detection Highlights

E0L160148

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | ANALYTICAL METHOD |
|---|---|---|---|---|
| C-2-282-5' 12/15/00 10:10 010 | | | | |
| Zinc | 49.9 | 2.0 | mg/kg | SW846 6010B |
| C-2-282-10' 12/15/00 10:15 011 | | | | |
| C24-C27 | 12 | 10 | mg/kg | SW846 8015B |
| Total Carbon Chain Range | 14 | 10 | mg/kg | SW846 8015B |
| C-2-282-15' 12/15/00 10:40 012 | | | | |
| C24-C27 | 12 | 10 | mg/kg | SW846 8015B |
| Total Carbon Chain Range | 14 | 10 | mg/kg | SW846 8015B |
| Acetone | 65 | 25 | ug/kg | SW846 8260B |
| C-2-283-5' 12/15/00 12:10 013 | | | | |
| Mercury | 0.039 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 29500 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 3.8 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.27 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 175 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.44 B | 0.50 | mg/kg | SW846 6010B |
| Chromium | 29.6 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.86 | 0.50 | mg/kg | SW846 6010B |
| Lead | 5.1 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 10.2 | 5.0 | mg/kg | SW846 6010B |
| Copper | 15.8 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.4 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 21.3 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 0.77 B | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 57.4 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 50.4 | 2.0 | mg/kg | SW846 6010B |
| Trichloroethene | 16 | 5.0 | ug/kg | SW846 8260B |
| C-2-284-5' 12/15/00 12:25 015 | | | | |
| C24-C27 | 19 | 10 | mg/kg | SW846 8015B |
| Total Carbon Chain Range | 22 | 10 | mg/kg | SW846 8015B |
| Aluminum | 27200 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 3.2 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.28 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 176 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.51 | 0.50 | mg/kg | SW846 6010B |
| Chromium | 28.4 | 1.0 | mg/kg | SW846 6010B |

(Continued on next page)

# EXECUTIVE SUMMARY - Detection Highlights

E0L160148

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | ANALYTICAL METHOD |
|---|---|---|---|---|
| **C-2-284-5' 12/15/00 12:25 015** | | | | |
| Beryllium | 0.78 | 0.50 | mg/kg | SW846 6010B |
| Lead | 5.5 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 11.0 | 5.0 | mg/kg | SW846 6010B |
| Copper | 18.7 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.2 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 19.1 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 0.69 B | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 50.8 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 54.9 | 2.0 | mg/kg | SW846 6010B |
| Trichloroethene | 19 | 5.0 | ug/kg | SW846 8260B |
| **C-2-285-5' 12/15/00 13:00 017** | | | | |
| Mercury | 0.036 B | 0.10 | mg/kg | SW846 7471A |
| Aluminum | 26100 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 3.8 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.47 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 184 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.48 B | 0.50 | mg/kg | SW846 6010B |
| Chromium | 26.3 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.69 | 0.50 | mg/kg | SW846 6010B |
| Lead | 5.3 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 11.3 | 5.0 | mg/kg | SW846 6010B |
| Copper | 23.6 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.5 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 19.3 | 4.0 | mg/kg | SW846 6010B |
| Thallium | 0.85 B | 1.0 | mg/kg | SW846 6010B |
| Vanadium | 57.7 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 65.8 | 2.0 | mg/kg | SW846 6010B |
| **C-2-286-2' 12/15/00 13:30 019** | | | | |
| Aroclor 1260 | 430 | 33 | ug/kg | SW846 8082 |
| **C-2-289-2' 12/15/00 13:55 021** | | | | |
| Aroclor 1260 | 930 | 66 | ug/kg | SW846 8082 |
| **C-2-290-5' 12/15/00 14:10 022** | | | | |
| C24-C27 | 8.6 J | 10 | mg/kg | SW846 8015B |
| Total Carbon Chain Range | 11 | 10 | mg/kg | SW846 8015B |
| Mercury | 0.045 B | 0.10 | mg/kg | SW846 7471A |

(Continued on next page)

# EXECUTIVE SUMMARY - Detection Highlights

E0L160148

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | ANALYTICAL METHOD |
|---|---|---|---|---|
| **C-2-290-5' 12/15/00 14:10 022** | | | | |
| Aluminum | 24600 | 20.0 | mg/kg | SW846 6010B |
| Arsenic | 2.8 | 1.0 | mg/kg | SW846 6010B |
| Antimony | 0.39 B | 6.0 | mg/kg | SW846 6010B |
| Barium | 90.2 | 2.0 | mg/kg | SW846 6010B |
| Cadmium | 0.33 B | 0.50 | mg/kg | SW846 6010B |
| Chromium | 25.5 | 1.0 | mg/kg | SW846 6010B |
| Beryllium | 0.69 | 0.50 | mg/kg | SW846 6010B |
| Lead | 4.7 | 0.50 | mg/kg | SW846 6010B |
| Cobalt | 6.5 | 5.0 | mg/kg | SW846 6010B |
| Copper | 15.6 | 2.5 | mg/kg | SW846 6010B |
| Molybdenum | 1.2 B | 4.0 | mg/kg | SW846 6010B |
| Nickel | 13.1 | 4.0 | mg/kg | SW846 6010B |
| Vanadium | 47.5 | 5.0 | mg/kg | SW846 6010B |
| Zinc | 45.0 | 2.0 | mg/kg | SW846 6010B |
| Trichloroethene | 4.0 J | 5.0 | ug/kg | SW846 8260B |
| **C-2-290-15' 12/15/00 14:25 024** | | | | |
| C24-C27 | 7.0 J | 10 | mg/kg | SW846 8015B |
| Total Carbon Chain Range | 8.1 J | 10 | mg/kg | SW846 8015B |
| **C-2-291-2' 12/15/00 14:30 025** | | | | |
| Aroclor 1260 | 180 | 33 | ug/kg | SW846 8082 |

# METHODS SUMMARY

E0L160148

| 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 |
| PCBs by SW-846 8082 | SW846 8082 | SW846 3550 |
| 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

E0L160148

| WO # | SAMPLE# | CLIENT SAMPLE ID | DATE | TIME |
|---|---|---|---|---|
| DRKDF | 001 | C-2-278-5' | 12/15/00 | 08:30 |
| DRKDX | 002 | C-2-278-10' | 12/15/00 | 08:40 |
| DRKD0 | 003 | C-2-279-5' | 12/15/00 | 08:45 |
| DRKD4 | 004 | C-2-279-10' | 12/15/00 | 08:50 |
| DRKD5 | 005 | C-2-280-5' | 12/15/00 | 09:05 |
| DRKD8 | 006 | C-2-280-10' | 12/15/00 | 09:10 |
| DRKEA | 007 | C-2-281-5' | 12/15/00 | 09:35 |
| DRKEE | 008 | C-2-281-10' | 12/15/00 | 09:45 |
| DRKEH | 009 | C-2-281-15' | 12/15/00 | 09:52 |
| DRKEJ | 010 | C-2-282-5' | 12/15/00 | 10:10 |
| DRKEP | 011 | C-2-282-10' | 12/15/00 | 10:15 |
| DRKER | 012 | C-2-282-15' | 12/15/00 | 10:40 |
| DRKEX | 013 | C-2-283-5' | 12/15/00 | 12:10 |
| DRKE3 | 014 | C-2-283-10' | 12/15/00 | 12:15 |
| DRKE6 | 015 | C-2-284-5' | 12/15/00 | 12:25 |
| DRKE9 | 016 | C-2-284-10' | 12/15/00 | 12:35 |
| DRKFC | 017 | C-2-285-5' | 12/15/00 | 13:00 |
| DRKFE | 019 | C-2-286-2' | 12/15/00 | 13:30 |
| DRKFF | 020 | C-2-287-2' | 12/15/00 | 13:40 |
| DRKFG | 021 | C-2-289-2' | 12/15/00 | 13:55 |
| DRKFH | 022 | C-2-290-5' | 12/15/00 | 14:10 |
| DRKFL | 023 | C-2-290-10' | 12/15/00 | 14:15 |
| DRKFM | 024 | C-2-290-15' | 12/15/00 | 14:25 |
| DRKFP | 025 | C-2-291-2' | 12/15/00 | 14:30 |
| DRKFR | 026 | RINSATE | 12/15/00 | 15:30 |
| DRKFT | 027 | TRIP BLANK | 12/15/00 | 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: C-2-278-5'

GC Semivolatiles

Lot-Sample #...: E0L160148-001
Date Sampled...: 12/15/00 08:30
Prep Date.....: 12/18/00
Prep Batch #...: 0353575
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: DRKDF1AC
Date Received..: 12/15/00 17:50
Analysis Date..: 12/20/00
Analysis Time..: 16:01

Instrument ID..: G01
Method.....: SW846 8015B

Matrix.....: SOLID
MS Run #.....: 0354157

| 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-2-278-5'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-001 | Work Order #...: | DRKDF1AD | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 08:30 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 18:11 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 85 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-5'

GC Semivolatiles

Lot-Sample #...: E0L160148-001
Date Sampled...: 12/15/00 08:30
Prep Date.....: 12/18/00
Prep Batch #...: 0353564
Dilution Factor: 1
Analyst ID.....: 018568

Work Order #...: DRKDF1A1
Date Received..: 12/15/00 17:50
Analysis Date..: 12/19/00
Analysis Time..: 21:13

Instrument ID..: G8B
Method.....: SW846 8082

Matrix.....: SOLID
MS Run #.....: 0354126

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 94 | (60 - 140) |
| Tetrachloro-m-xylene | 101 | (60 - 140) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-001 Work Order #...: DRKDF1AA Matrix.....: SOLID
Date Sampled...: 12/15/00 08:30 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 10:14
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-001 Work Order #...: DRKDF1AA 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 | 79 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 94 | (60 - 140) |
| Toluene-d8 | 82 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-10'

GC Semivolatiles

Lot-Sample #...: E0L160148-002
Date Sampled...: 12/15/00 08:40
Prep Date.....: 12/18/00
Prep Batch #...: 0353575
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: DRKDX1AE
Date Received..: 12/15/00 17:50
Analysis Date..: 12/20/00
Analysis Time..: 16:31

Instrument ID..: G01
Method.....: SW846 8015B

Matrix.....: SOLID
MS Run #.....: 0354157

| 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 | 97 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-10'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-002 | Work Order #...: | DRKDX1AF | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 08:40 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 18:38 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 94 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-10'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-002 | Work Order #...: | DRKDX1AC | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 08:40 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/19/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 23:12 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 93 | (60 - 140) |
| Tetrachloro-m-xylene | 101 | (60 - 140) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-002 Work Order #...: DRKDX1AD Matrix.....: SOLID
Date Sampled...: 12/15/00 08:40 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 10:45
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-002 Work Order #...: DRKDX1AD 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 | 79 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 97 | (60 - 140) |
| Toluene-d8 | 85 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-5'

GC Semivolatiles

Lot-Sample #...: E0L160148-003 Work Order #...: DRKD01AE Matrix.....: SOLID
Date Sampled...: 12/15/00 08:45 Date Received..: 12/15/00 17:50 MS Run #.....: 0354157
Prep Date.....: 12/18/00 Analysis Date..: 12/20/00
Prep Batch #...: 0353575 Analysis Time..: 17:01
Dilution Factor: 1
Analyst ID.....: 356074 Instrument ID..: G01
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: C-2-279-5'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-003 | Work Order #...: | DRKD01AF | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 08:45 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 19:05 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 89 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-5'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-003 | Work Order #...: | DRKD01AC | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 08:45 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/19/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 23:52 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| Aroclor 1016 | ND | 33 | ug/kg | 10 |
| Aroclor 1221 | ND | 33 | ug/kg | 10 |
| Aroclor 1232 | ND | 33 | ug/kg | 10 |
| Aroclor 1242 | ND | 33 | ug/kg | 10 |
| Aroclor 1248 | ND | 33 | ug/kg | 10 |
| Aroclor 1254 | ND | 33 | ug/kg | 10 |
| **Aroclor 1260** | **62** | **33** | **ug/kg** | **10** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 92 | (60 - 140) |
| Tetrachloro-m-xylene | 96 | (60 - 140) |

NOTE(S):

Very weathered AR1260: calculated by non-common peaks.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-003 Work Order #...: DRKD01AD Matrix.....: SOLID
Date Sampled...: 12/15/00 08:45 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 11:16
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-003 Work Order #...: DRKD01AD 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 | 79 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 98 | (60 - 140) |
| Toluene-d8 | 82 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-10'

GC Semivolatiles

Lot-Sample #...: E0L160148-004
Date Sampled...: 12/15/00 08:50
Prep Date.....: 12/18/00
Prep Batch #...: 0353575
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: DRKD41AE
Date Received..: 12/15/00 17:50
Analysis Date..: 12/20/00
Analysis Time..: 17:31

Instrument ID..: G01
Method.....: SW846 8015B

Matrix.....: SOLID
MS Run #.....: 0354157

| 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 | 65 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-10'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-004 | Work Order #...: | DRKD41AF | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 08:50 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 19:31 | | |
| 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) | 88 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-10'

GC Semivolatiles

Lot-Sample #...: E0L160148-004 Work Order #...: DRKD41AC Matrix.....: SOLID
Date Sampled...: 12/15/00 08:50 Date Received..: 12/15/00 17:50 MS Run #.....: 0354126
Prep Date.....: 12/18/00 Analysis Date..: 12/20/00
Prep Batch #...: 0353564 Analysis Time..: 00:32
Dilution Factor: 1
Analyst ID.....: 018568 Instrument ID..: G8B
Method.....: SW846 8082

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 82 | (60 - 140) |
| Tetrachloro-m-xylene | 89 | (60 - 140) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-004 Work Order #...: DRKD41AD Matrix.....: SOLID
Date Sampled...: 12/15/00 08:50 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 11:47
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-004 Work Order #...: DRKD41AD 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 | 79 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 96 | (60 - 140) |
| Toluene-d8 | 84 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-5'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-005 | Work Order #...: | DRKD51AE | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:05 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354157 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353575 | Analysis Time..: | 18:01 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 356074 | Instrument ID..: | G01 | | |
| | | 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** | **6.2 J** | **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** | **6.5 J** | **10** | **mg/kg** | **5.0** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Benzo(a)pyrene | 86 | (60 - 130) |

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-5'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-005 | Work Order #...: | DRKD51AF | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:05 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 19:58 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-5'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-005 | Work Order #...: | DRKD51AC | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:05 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 14:54 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 90 | (60 - 140) |
| Tetrachloro-m-xylene | 101 | (60 - 140) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-005 Work Order #...: DRKD51AD Matrix.....: SOLID
Date Sampled...: 12/15/00 09:05 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 12:18
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-005 Work Order #...: DRKD51AD 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 | 80 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 99 | (60 - 140) |
| Toluene-d8 | 85 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-10'

GC Semivolatiles

Lot-Sample #...: E0L160148-006 Work Order #...: DRKD81AE Matrix.....: SOLID
Date Sampled...: 12/15/00 09:10 Date Received..: 12/15/00 17:50 MS Run #.....: 0354157
Prep Date.....: 12/18/00 Analysis Date..: 12/20/00
Prep Batch #...: 0353575 Analysis Time..: 18:31
Dilution Factor: 1
Analyst ID.....: 356074 Instrument ID..: G01
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-2-280-10'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-006 | Work Order #...: | DRKD81AF | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:10 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 21:17 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-10'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-006 | Work Order #...: | DRKD81AC | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:10 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 15:33 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 95 | (60 - 140) |
| Tetrachloro-m-xylene | 102 | (60 - 140) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-006 Work Order #...: DRKD81AD Matrix.....: SOLID
Date Sampled...: 12/15/00 09:10 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 12:49
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-10'

GC/MS Volatiles

**Lot-Sample #...:** E0L160148-006 **Work Order #...:** DRKD81AD **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 | 78 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 98 | (60 - 140) |
| Toluene-d8 | 85 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-5'

GC Semivolatiles

Lot-Sample #...: E0L160148-007 Work Order #...: DRKEA1AE Matrix.....: SOLID
Date Sampled...: 12/15/00 09:35 Date Received..: 12/15/00 17:50 MS Run #.....: 0354157
Prep Date.....: 12/18/00 Analysis Date..: 12/26/00
Prep Batch #...: 0353575 Analysis Time..: 14:30
Dilution Factor: 20
Analyst ID.....: 356074 Instrument ID..: G01
Method.....: SW846 8015B

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| C8-C9 | ND | 200 | mg/kg | 100 |
| C10-C11 | ND | 200 | mg/kg | 100 |
| **C12-C13** | **180 J** | **200** | **mg/kg** | **100** |
| **C14-C15** | **430** | **200** | **mg/kg** | **100** |
| **C16-C17** | **480** | **200** | **mg/kg** | **100** |
| **C18-C19** | **420** | **200** | **mg/kg** | **100** |
| **C20-C23** | **260** | **200** | **mg/kg** | **100** |
| **C24-C27** | **200** | **200** | **mg/kg** | **100** |
| **C28-C31** | **130 J** | **200** | **mg/kg** | **100** |
| C32-C35 | ND | 200 | mg/kg | 100 |
| C36-C39 | ND | 200 | mg/kg | 100 |
| C40+ | ND | 200 | mg/kg | 100 |
| **Total Carbon Chain Range** | **2400** | **200** | **mg/kg** | **100** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Benzo(a)pyrene | 146 * | (60 - 130) |

NOTE(S):

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-5'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-007 | Work Order #...: | DRKEA1AF | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:35 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 21:44 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 86 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-5'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-007 | Work Order #...: | DRKEA1AC | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:35 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 14:36 | | |
| Dilution Factor: | 5 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| Aroclor 1016 | ND | 160 | ug/kg | 50 |
| Aroclor 1221 | ND | 160 | ug/kg | 50 |
| Aroclor 1232 | ND | 160 | ug/kg | 50 |
| Aroclor 1242 | ND | 160 | ug/kg | 50 |
| Aroclor 1248 | ND | 160 | ug/kg | 50 |
| Aroclor 1254 | ND | 160 | ug/kg | 50 |
| **Aroclor 1260** | **2400** | **160** | **ug/kg** | **50** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 0.0 SRD,* | (60 - 140) |
| Tetrachloro-m-xylene | 0.0 SRD,* | (60 - 140) |

**NOTE(S):**

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

* Surrogate recovery is outside stated control limits.

Very weathered 1260: non-comon peaks quantitation.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-007 Work Order #...: DRKEA1AD Matrix.....: SOLID
Date Sampled...: 12/15/00 09:35 Date Received..: 12/15/00 17:50 MS Run #.....: 0359005
Prep Date.....: 12/23/00 Analysis Date..: 12/24/00
Prep Batch #...: 0359097 Analysis Time..: 07:46
Dilution Factor: 5
Analyst ID.....: 015590 Instrument ID..: MSD
Method.....: SW846 8260B

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| Dichlorodifluoromethane | ND | 50 | ug/kg | 5.0 |
| Chloromethane | ND | 50 | ug/kg | 15 |
| Vinyl chloride | ND | 50 | ug/kg | 10 |
| Bromomethane | ND | 50 | ug/kg | 10 |
| Chloroethane | ND | 50 | ug/kg | 10 |
| Trichlorofluoromethane | ND | 50 | ug/kg | 10 |
| Acrolein | ND | 500 | ug/kg | 150 |
| 1,1-Dichloroethene | ND | 25 | ug/kg | 10 |
| Iodomethane | ND | 50 | ug/kg | 25 |
| Acetone | ND | 120 | ug/kg | 75 |
| Carbon disulfide | ND | 25 | ug/kg | 10 |
| Methylene chloride | ND | 25 | ug/kg | 15 |
| trans-1,2-Dichloroethene | ND | 25 | ug/kg | 10 |
| Acrylonitrile | ND | 250 | ug/kg | 150 |
| Methyl tert-butyl ether | ND | 25 | ug/kg | 5.0 |
| 1,1-Dichloroethane | ND | 25 | ug/kg | 5.0 |
| Vinyl acetate | ND | 50 | ug/kg | 25 |
| 2,2-Dichloropropane | ND | 25 | ug/kg | 10 |
| cis-1,2-Dichloroethene | ND | 25 | ug/kg | 10 |
| 2-Butanone | ND | 120 | ug/kg | 75 |
| Bromochloromethane | ND | 25 | ug/kg | 5.0 |
| Chloroform | ND | 25 | ug/kg | 5.0 |
| Tetrahydrofuran | ND | 100 | ug/kg | 50 |
| 1,1,1-Trichloroethane | ND | 25 | ug/kg | 5.0 |
| 1,1-Dichloropropene | ND | 25 | ug/kg | 5.0 |
| Carbon tetrachloride | ND | 25 | ug/kg | 5.0 |
| Benzene | ND | 25 | ug/kg | 10 |
| 1,2-Dichloroethane | ND | 25 | ug/kg | 5.0 |
| Trichloroethene | ND | 25 | ug/kg | 10 |
| 1,2-Dichloropropane | ND | 25 | ug/kg | 5.0 |
| Bromodichloromethane | ND | 25 | ug/kg | 5.0 |
| 2-Chloroethyl vinyl ether | ND | 50 | ug/kg | 25 |
| cis-1,3-Dichloropropene | ND | 25 | ug/kg | 5.0 |
| 4-Methyl-2-pentanone | ND | 120 | ug/kg | 50 |
| Toluene | ND | 25 | ug/kg | 10 |
| trans-1,3-Dichloropropene | ND | 25 | ug/kg | 15 |
| 1,1,2-Trichloroethane | ND | 25 | ug/kg | 15 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-007 Work Order #...: DRKEA1AD Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| Tetrachloroethene | ND | 25 | ug/kg | 10 |
| 2-Hexanone | ND | 120 | ug/kg | 50 |
| Dibromochloromethane | ND | 25 | ug/kg | 25 |
| 1,2-Dibromoethane | ND | 25 | ug/kg | 15 |
| Chlorobenzene | ND | 25 | ug/kg | 10 |
| Ethylbenzene | ND | 25 | ug/kg | 10 |
| Xylenes (total) | ND | 25 | ug/kg | 15 |
| Styrene | ND | 50 | ug/kg | 10 |
| Bromoform | ND | 25 | ug/kg | 15 |
| Isopropylbenzene | ND | 25 | ug/kg | 10 |
| p-Isopropyltoluene | ND | 25 | ug/kg | 10 |
| Bromobenzene | ND | 25 | ug/kg | 10 |
| 1,1,1,2-Tetrachloroethane | ND | 25 | ug/kg | 15 |
| 1,1,2,2-Tetrachloroethane | ND | 25 | ug/kg | 15 |
| 1,2,3-Trichloropropane | ND | 25 | ug/kg | 15 |
| n-Propylbenzene | ND | 25 | ug/kg | 10 |
| 2-Chlorotoluene | ND | 25 | ug/kg | 10 |
| 4-Chlorotoluene | ND | 25 | ug/kg | 10 |
| 1,3,5-Trimethylbenzene | ND | 25 | ug/kg | 10 |
| tert-Butylbenzene | ND | 25 | ug/kg | 10 |
| **1,2,4-Trimethylbenzene** | **14 J** | **25** | **ug/kg** | **10** |
| sec-Butylbenzene | ND | 25 | ug/kg | 10 |
| 1,3-Dichlorobenzene | ND | 25 | ug/kg | 10 |
| 1,4-Dichlorobenzene | ND | 25 | ug/kg | 10 |
| 1,2-Dichlorobenzene | ND | 25 | ug/kg | 10 |
| **n-Butylbenzene** | **10 J** | **25** | **ug/kg** | **10** |
| 1,2-Dibromo-3-chloro-propane | ND | 50 | ug/kg | 15 |
| 1,2,4-Trichloro-benzene | ND | 25 | ug/kg | 10 |
| Hexachlorobutadiene | ND | 25 | ug/kg | 10 |
| 1,2,3-Trichlorobenzene | ND | 25 | ug/kg | 10 |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 84 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 99 | (60 - 140) |
| Toluene-d8 | 87 | (70 - 130) |

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-10'

GC Semivolatiles

Lot-Sample #...: E0L160148-008
Date Sampled...: 12/15/00 09:45
Prep Date.....: 12/18/00
Prep Batch #...: 0353575
Dilution Factor: 1
Analyst ID.....: 356074

Work Order #...: DRKEE1AE
Date Received..: 12/15/00 17:50
Analysis Date..: 12/20/00
Analysis Time..: 20:01

Instrument ID..: G01
Method.....: SW846 8015B

Matrix.....: SOLID
MS Run #.....: 0354157

| 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** | **6.6 J** | **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 | 103 | (60 - 130) |

**NOTE(S):**

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-10'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-008 | Work Order #...: | DRKEE1AF | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:45 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 22:10 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-10'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-008 | Work Order #...: | DRKEE1AC | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:45 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 16:53 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 87 | (60 - 140) |
| Tetrachloro-m-xylene | 98 | (60 - 140) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-008 Work Order #...: DRKEE1AD Matrix.....: SOLID
Date Sampled...: 12/15/00 09:45 Date Received..: 12/15/00 17:50 MS Run #.....: 0362154
Prep Date.....: 12/26/00 Analysis Date..: 12/26/00
Prep Batch #...: 0362319 Analysis Time..: 10:06
Dilution Factor: 1
Analyst ID.....: 999998 Instrument ID..: MSD
Method.....: SW846 8260B

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| Dichlorodifluoromethane | ND | 10 | ug/kg | 1.0 |
| Chloromethane | ND | 10 | ug/kg | 3.0 |
| Vinyl chloride | ND | 10 | ug/kg | 2.0 |
| Bromomethane | ND | 10 | ug/kg | 2.0 |
| Chloroethane | ND | 10 | ug/kg | 2.0 |
| Trichlorofluoromethane | ND | 10 | ug/kg | 2.0 |
| Acrolein | ND | 100 | ug/kg | 30 |
| 1,1-Dichloroethene | ND | 5.0 | ug/kg | 2.0 |
| Iodomethane | ND | 10 | ug/kg | 5.0 |
| Acetone | 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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-10'

GC/MS Volatiles

**Lot-Sample #...:** E0L160148-008 **Work Order #...:** DRKEE1AD **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 | 87 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 96 | (60 - 140) |
| Toluene-d8 | 88 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-15'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-009 | Work Order #...: | DRKEH1AE | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:52 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354157 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353575 | Analysis Time..: | 21:31 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 356074 | Instrument ID..: | G01 | | |
| | | 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 | 8.9 J | 10 | mg/kg | 5.0 |
| C16-C17 | 19 | 10 | mg/kg | 5.0 |
| C18-C19 | 23 | 10 | mg/kg | 5.0 |
| C20-C23 | 19 | 10 | mg/kg | 5.0 |
| C24-C27 | 42 | 10 | mg/kg | 5.0 |
| C28-C31 | 39 | 10 | mg/kg | 5.0 |
| C32-C35 | 30 | 10 | mg/kg | 5.0 |
| C36-C39 | 20 | 10 | mg/kg | 5.0 |
| C40+ | 35 | 10 | mg/kg | 5.0 |
| Total Carbon Chain Range | 240 | 10 | mg/kg | 5.0 |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Benzo(a)pyrene | 94 | (60 - 130) |

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-15'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-009 | Work Order #...: | DRKEH1AF | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:52 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 22:37 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 94 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-15'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-009 | Work Order #...: | DRKEH1AC | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 09:52 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 17:32 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| Aroclor 1016 | ND | 33 | ug/kg | 10 |
| Aroclor 1221 | ND | 33 | ug/kg | 10 |
| Aroclor 1232 | ND | 33 | ug/kg | 10 |
| Aroclor 1242 | ND | 33 | ug/kg | 10 |
| Aroclor 1248 | ND | 33 | ug/kg | 10 |
| Aroclor 1254 | ND | 33 | ug/kg | 10 |
| **Aroclor 1260** | **290** | **33** | **ug/kg** | **10** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 118 | (60 - 140) |
| Tetrachloro-m-xylene | 74 | (60 - 140) |

NOTE(S):

Very weathered AR1260; non-common peaks quantitation.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-15'

GC/MS Volatiles

Lot-Sample #...: E0L160148-009 Work Order #...: DRKEH1AD Matrix.....: SOLID
Date Sampled...: 12/15/00 09:52 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 15:23
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** | **10** | **5.0** | **ug/kg** | **2.0** |
| 1,2-Dichloropropane | ND | 5.0 | ug/kg | 1.0 |
| Bromodichloromethane | ND | 5.0 | ug/kg | 1.0 |
| 2-Chloroethyl vinyl ether | ND | 10 | ug/kg | 5.0 |
| cis-1,3-Dichloropropene | ND | 5.0 | ug/kg | 1.0 |
| 4-Methyl-2-pentanone | ND | 25 | ug/kg | 10 |
| Toluene | ND | 5.0 | ug/kg | 2.0 |
| trans-1,3-Dichloropropene | ND | 5.0 | ug/kg | 3.0 |
| 1,1,2-Trichloroethane | ND | 5.0 | ug/kg | 3.0 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-15'

GC/MS Volatiles

Lot-Sample #...: E0L160148-009 Work Order #...: DRKEH1AD 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 | 87 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 92 | (60 - 140) |
| Toluene-d8 | 85 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-5'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-010 | Work Order #...: | DRKEJ1AC | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 10:10 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354157 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353575 | Analysis Time..: | 22:32 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 356074 | Instrument ID..: | G01 | | |
| | | 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** | **18** | **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** | **19** | **10** | **mg/kg** | **5.0** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Benzo(a)pyrene | 86 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-5'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-010 | Work Order #...: | DRKEJ1AD | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 10:10 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 23:03 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 87 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-010 Work Order #...: DRKEJ1AA Matrix.....: SOLID
Date Sampled...: 12/15/00 10:10 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 15:54
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-5'

GC/MS Volatiles

**Lot-Sample #...:** E0L160148-010 **Work Order #...:** DRKEJ1AA **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 | 75 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 94 | (60 - 140) |
| Toluene-d8 | 84 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-10'

GC Semivolatiles

Lot-Sample #...: E0L160148-011 Work Order #...: DRKEP1AC Matrix.....: SOLID
Date Sampled...: 12/15/00 10:15 Date Received..: 12/15/00 17:50 MS Run #.....: 0354157
Prep Date.....: 12/18/00 Analysis Date..: 12/20/00
Prep Batch #...: 0353575 Analysis Time..: 23:02
Dilution Factor: 1
Analyst ID.....: 356074 Instrument ID..: G01
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** | **12** | **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** | **14** | **10** | **mg/kg** | **5.0** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Benzo(a)pyrene | 88 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-10'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-011 | Work Order #...: | DRKEP1AD | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 10:15 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 23:30 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 86 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-011 Work Order #...: DRKEP1AA Matrix.....: SOLID
Date Sampled...: 12/15/00 10:15 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 16:25
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-011 Work Order #...: DRKEP1AA 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 | 78 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 95 | (60 - 140) |
| Toluene-d8 | 84 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-15'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-012 | Work Order #...: | DRKER1AC | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 10:40 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354157 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353575 | Analysis Time..: | 23:32 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 356074 | Instrument ID..: | G01 | | |
| | | 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** | **12** | **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** | **14** | **10** | **mg/kg** | **5.0** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Benzo(a)pyrene | 86 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-15'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-012 | Work Order #...: | DRKER1AD | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 10:40 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 23:56 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 86 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-15'

GC/MS Volatiles

Lot-Sample #...: E0L160148-012 Work Order #...: DRKER1AA Matrix.....: SOLID
Date Sampled...: 12/15/00 10:40 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 16:56
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** | **65** | **25** | **ug/kg** | **15** |
| Carbon disulfide | ND | 5.0 | ug/kg | 2.0 |
| Methylene chloride | ND | 5.0 | ug/kg | 3.0 |
| trans-1,2-Dichloroethene | ND | 5.0 | ug/kg | 2.0 |
| Acrylonitrile | ND | 50 | ug/kg | 30 |
| Methyl tert-butyl ether | ND | 5.0 | ug/kg | 1.0 |
| 1,1-Dichloroethane | ND | 5.0 | ug/kg | 1.0 |
| Vinyl acetate | ND | 10 | ug/kg | 5.0 |
| 2,2-Dichloropropane | ND | 5.0 | ug/kg | 2.0 |
| cis-1,2-Dichloroethene | ND | 5.0 | ug/kg | 2.0 |
| 2-Butanone | ND | 25 | ug/kg | 15 |
| Bromochloromethane | ND | 5.0 | ug/kg | 1.0 |
| Chloroform | ND | 5.0 | ug/kg | 1.0 |
| Tetrahydrofuran | ND | 20 | ug/kg | 10 |
| 1,1,1-Trichloroethane | ND | 5.0 | ug/kg | 1.0 |
| 1,1-Dichloropropene | ND | 5.0 | ug/kg | 1.0 |
| Carbon tetrachloride | ND | 5.0 | ug/kg | 1.0 |
| Benzene | ND | 5.0 | ug/kg | 2.0 |
| 1,2-Dichloroethane | ND | 5.0 | ug/kg | 1.0 |
| Trichloroethene | ND | 5.0 | ug/kg | 2.0 |
| 1,2-Dichloropropane | ND | 5.0 | ug/kg | 1.0 |
| Bromodichloromethane | ND | 5.0 | ug/kg | 1.0 |
| 2-Chloroethyl vinyl ether | ND | 10 | ug/kg | 5.0 |
| cis-1,3-Dichloropropene | ND | 5.0 | ug/kg | 1.0 |
| 4-Methyl-2-pentanone | ND | 25 | ug/kg | 10 |
| Toluene | ND | 5.0 | ug/kg | 2.0 |
| trans-1,3-Dichloropropene | ND | 5.0 | ug/kg | 3.0 |
| 1,1,2-Trichloroethane | ND | 5.0 | ug/kg | 3.0 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-15'

GC/MS Volatiles

Lot-Sample #...: E0L160148-012 Work Order #...: DRKER1AA 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 | 77 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 95 | (60 - 140) |
| Toluene-d8 | 83 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-283-5'

GC Semivolatiles

Lot-Sample #...: E0L160148-013 Work Order #...: DRKEX1AD Matrix.....: SOLID
Date Sampled...: 12/15/00 12:10 Date Received..: 12/15/00 17:50 MS Run #.....: 0354157
Prep Date.....: 12/18/00 Analysis Date..: 12/21/00
Prep Batch #...: 0353575 Analysis Time..: 00:02
Dilution Factor: 1
Analyst ID.....: 356074 Instrument ID..: G01
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 | 97 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-283-5'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-013 | Work Order #...: | DRKEX1AE | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 12:10 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 00:23 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 91 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-283-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-013 Work Order #...: DRKEX1AC Matrix.....: SOLID
Date Sampled...: 12/15/00 12:10 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 17:27
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** | **16** | **5.0** | **ug/kg** | **2.0** |
| 1,2-Dichloropropane | ND | 5.0 | ug/kg | 1.0 |
| Bromodichloromethane | ND | 5.0 | ug/kg | 1.0 |
| 2-Chloroethyl vinyl ether | ND | 10 | ug/kg | 5.0 |
| cis-1,3-Dichloropropene | ND | 5.0 | ug/kg | 1.0 |
| 4-Methyl-2-pentanone | ND | 25 | ug/kg | 10 |
| Toluene | ND | 5.0 | ug/kg | 2.0 |
| trans-1,3-Dichloropropene | ND | 5.0 | ug/kg | 3.0 |
| 1,1,2-Trichloroethane | ND | 5.0 | ug/kg | 3.0 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-283-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-013 Work Order #...: DRKEX1AC 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 | 81 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 96 | (60 - 140) |
| Toluene-d8 | 86 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-283-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-014 Work Order #...: DRKE31AA Matrix.....: SOLID
Date Sampled...: 12/15/00 12:15 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 17:58
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-283-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-014 Work Order #...: DRKE31AA 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 | 78 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 104 | (60 - 140) |
| Toluene-d8 | 85 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-284-5'

GC Semivolatiles

Lot-Sample #...: E0L160148-015 Work Order #...: DRKE61AC Matrix.....: SOLID
Date Sampled...: 12/15/00 12:25 Date Received..: 12/15/00 17:50 MS Run #.....: 0354157
Prep Date.....: 12/18/00 Analysis Date..: 12/21/00
Prep Batch #...: 0353575 Analysis Time..: 00:32
Dilution Factor: 1
Analyst ID.....: 356074 Instrument ID..: G01
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** | **19** | **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** | **22** | **10** | **mg/kg** | **5.0** |

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

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-284-5'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-015 | Work Order #...: | DRKE61AD | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 12:25 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 00:49 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 92 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-284-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-015 Work Order #...: DRKE61AA Matrix.....: SOLID
Date Sampled...: 12/15/00 12:25 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 18:29
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** | **19** | **5.0** | **ug/kg** | **2.0** |
| 1,2-Dichloropropane | ND | 5.0 | ug/kg | 1.0 |
| Bromodichloromethane | ND | 5.0 | ug/kg | 1.0 |
| 2-Chloroethyl vinyl ether | ND | 10 | ug/kg | 5.0 |
| cis-1,3-Dichloropropene | ND | 5.0 | ug/kg | 1.0 |
| 4-Methyl-2-pentanone | ND | 25 | ug/kg | 10 |
| Toluene | ND | 5.0 | ug/kg | 2.0 |
| trans-1,3-Dichloropropene | ND | 5.0 | ug/kg | 3.0 |
| 1,1,2-Trichloroethane | ND | 5.0 | ug/kg | 3.0 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-284-5'

GC/MS Volatiles

**Lot-Sample #...:** E0L160148-015 **Work Order #...:** DRKE61AA **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 | 81 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 98 | (60 - 140) |
| Toluene-d8 | 86 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-284-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-016 Work Order #...: DRKE91AA Matrix.....: SOLID
Date Sampled...: 12/15/00 12:35 Date Received..: 12/15/00 17:50 MS Run #.....: 0358065
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 19:00
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-284-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-016 Work Order #...: DRKE91AA 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 | 79 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 98 | (60 - 140) |
| Toluene-d8 | 86 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-285-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-017 Work Order #...: DRKFC1AA Matrix.....: SOLID
Date Sampled...: 12/15/00 13:00 Date Received..: 12/15/00 17:50 MS Run #.....: 0362154
Prep Date.....: 12/26/00 Analysis Date..: 12/26/00
Prep Batch #...: 0362319 Analysis Time..: 10:37
Dilution Factor: 1
Analyst ID.....: 999998 Instrument ID..: MSD
Method.....: SW846 8260B

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| Dichlorodifluoromethane | ND | 10 | ug/kg | 1.0 |
| Chloromethane | ND | 10 | ug/kg | 3.0 |
| Vinyl chloride | ND | 10 | ug/kg | 2.0 |
| Bromomethane | ND | 10 | ug/kg | 2.0 |
| Chloroethane | ND | 10 | ug/kg | 2.0 |
| Trichlorofluoromethane | ND | 10 | ug/kg | 2.0 |
| Acrolein | ND | 100 | ug/kg | 30 |
| 1,1-Dichloroethene | ND | 5.0 | ug/kg | 2.0 |
| Iodomethane | ND | 10 | ug/kg | 5.0 |
| Acetone | 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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-285-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-017 Work Order #...: DRKFC1AA 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 | 88 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 94 | (60 - 140) |
| Toluene-d8 | 89 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-286-2'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-019 | Work Order #...: | DRKFE1AA | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 13:30 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 18:12 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| Aroclor 1016 | ND | 33 | ug/kg | 10 |
| Aroclor 1221 | ND | 33 | ug/kg | 10 |
| Aroclor 1232 | ND | 33 | ug/kg | 10 |
| Aroclor 1242 | ND | 33 | ug/kg | 10 |
| Aroclor 1248 | ND | 33 | ug/kg | 10 |
| Aroclor 1254 | ND | 33 | ug/kg | 10 |
| **Aroclor 1260** | **430** | **33** | **ug/kg** | **10** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 100 | (60 - 140) |
| Tetrachloro-m-xylene | 92 | (60 - 140) |

NOTE(S):

Very weathered AR1260: non-common peaks quantitation.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-287-2'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-020 | Work Order #...: | DRKFF1AA | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 13:40 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 18:52 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 85 | (60 - 140) |
| Tetrachloro-m-xylene | 101 | (60 - 140) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-289-2'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-021 | Work Order #...: | DRKFG1AA | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 13:55 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 15:16 | | |
| Dilution Factor: | 2 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| Aroclor 1016 | ND | 66 | ug/kg | 20 |
| Aroclor 1221 | ND | 66 | ug/kg | 20 |
| Aroclor 1232 | ND | 66 | ug/kg | 20 |
| Aroclor 1242 | ND | 66 | ug/kg | 20 |
| Aroclor 1248 | ND | 66 | ug/kg | 20 |
| Aroclor 1254 | ND | 66 | ug/kg | 20 |
| **Aroclor 1260** | **930** | **66** | **ug/kg** | **20** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 127 | (60 - 140) |
| Tetrachloro-m-xylene | 81 | (60 - 140) |

**NOTE(S):**

Very weathered 1260; non-common peaks quantitation.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-5'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-022 | Work Order #...: | DRKFH1AD | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 14:10 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354157 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0353575 | Analysis Time..: | 01:01 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 356074 | Instrument ID..: | G01 | | |
| | | 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** | **8.6 J** | **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** | **11** | **10** | **mg/kg** | **5.0** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Benzo(a)pyrene | 107 | (60 - 130) |

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-5'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-022 | Work Order #...: | DRKFH1AE | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 14:10 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 01:16 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 89 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-5'

GC/MS Volatiles

Lot-Sample #...: E0L160148-022 Work Order #...: DRKFH1AC Matrix.....: SOLID
Date Sampled...: 12/15/00 14:10 Date Received..: 12/15/00 17:50 MS Run #.....: 0359005
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0359097 Analysis Time..: 22:31
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** | **4.0 J** | **5.0** | **ug/kg** | **2.0** |
| 1,2-Dichloropropane | ND | 5.0 | ug/kg | 1.0 |
| Bromodichloromethane | ND | 5.0 | ug/kg | 1.0 |
| 2-Chloroethyl vinyl ether | ND | 10 | ug/kg | 5.0 |
| cis-1,3-Dichloropropene | ND | 5.0 | ug/kg | 1.0 |
| 4-Methyl-2-pentanone | ND | 25 | ug/kg | 10 |
| Toluene | ND | 5.0 | ug/kg | 2.0 |
| trans-1,3-Dichloropropene | ND | 5.0 | ug/kg | 3.0 |
| 1,1,2-Trichloroethane | ND | 5.0 | ug/kg | 3.0 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-5'

GC/MS Volatiles

**Lot-Sample #...:** E0L160148-022 **Work Order #...:** DRKFH1AC **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 | 81 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 93 | (60 - 140) |
| Toluene-d8 | 85 | (70 - 130) |

**NOTE(S):**

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-10'

GC Semivolatiles

Lot-Sample #...: E0L160148-023 Work Order #...: DRKFL1AC Matrix.....: SOLID
Date Sampled...: 12/15/00 14:15 Date Received..: 12/15/00 17:50 MS Run #.....: 0354157
Prep Date.....: 12/18/00 Analysis Date..: 12/21/00
Prep Batch #...: 0353575 Analysis Time..: 01:31
Dilution Factor: 1
Analyst ID.....: 356074 Instrument ID..: G01
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 | 95 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-10'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-023 | Work Order #...: | DRKFL1AD | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 14:15 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357224 |
| Prep Date.....: | 12/21/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0357457 | Analysis Time..: | 03:55 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 96 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-023 Work Order #...: DRKFL1AA Matrix.....: SOLID
Date Sampled...: 12/15/00 14:15 Date Received..: 12/15/00 17:50 MS Run #.....: 0359005
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0359097 Analysis Time..: 23:02
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-10'

GC/MS Volatiles

Lot-Sample #...: E0L160148-023 Work Order #...: DRKFL1AA 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 | 80 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 94 | (60 - 140) |
| Toluene-d8 | 86 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-15'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-024 | Work Order #...: | DRKFM1AC | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 14:25 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354157 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0353575 | Analysis Time..: | 02:01 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 356074 | Instrument ID..: | G01 | | |
| | | 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** | **7.0 J** | **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** | **8.1 J** | **10** | **mg/kg** | **5.0** |

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

NOTE(S):

J Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-15'

GC Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-024 | Work Order #...: | DRKFM1AD | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 14:25 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357224 |
| Prep Date.....: | 12/21/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0357457 | Analysis Time..: | 04:22 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 001464 | Instrument ID..: | G15 | | |
| | | Method.....: | SW846 8015B | | |

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 86 | (60 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-15'

GC/MS Volatiles

Lot-Sample #...: E0L160148-024 Work Order #...: DRKFM1AA Matrix.....: SOLID
Date Sampled...: 12/15/00 14:25 Date Received..: 12/15/00 17:50 MS Run #.....: 0359005
Prep Date.....: 12/23/00 Analysis Date..: 12/24/00
Prep Batch #...: 0359097 Analysis Time..: 00:34
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-15'

GC/MS Volatiles

Lot-Sample #...: E0L160148-024 Work Order #...: DRKFM1AA 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 | 86 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 99 | (60 - 140) |
| Toluene-d8 | 89 | (70 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-291-2'

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Lot-Sample #...: | E0L160148-025 | Work Order #...: | DRKFP1AA | Matrix.....: | SOLID |
| Date Sampled...: | 12/15/00 14:30 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/20/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 20:11 | | |
| Dilution Factor: | 1 | | | | |
| Analyst ID.....: | 018568 | Instrument ID..: | G8B | | |
| | | Method.....: | SW846 8082 | | |

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | MDL |
|---|---|---|---|---|
| Aroclor 1016 | ND | 33 | ug/kg | 10 |
| Aroclor 1221 | ND | 33 | ug/kg | 10 |
| Aroclor 1232 | ND | 33 | ug/kg | 10 |
| Aroclor 1242 | ND | 33 | ug/kg | 10 |
| Aroclor 1248 | ND | 33 | ug/kg | 10 |
| Aroclor 1254 | ND | 33 | ug/kg | 10 |
| **Aroclor 1260** | **180** | **33** | **ug/kg** | **10** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 98 | (60 - 140) |
| Tetrachloro-m-xylene | 105 | (60 - 140) |

**NOTE(S):**

Very weathered AR1260; non-common peaks quantitation.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: RINSATE

GC/MS Volatiles

Lot-Sample #...: E0L160148-026 Work Order #...: DRKFR1AA Matrix.....: WATER
Date Sampled...: 12/15/00 15:30 Date Received..: 12/15/00 17:50 MS Run #.....: 0358024
Prep Date.....: 12/21/00 Analysis Date..: 12/21/00
Prep Batch #...: 0358125 Analysis Time..: 12:00
Dilution Factor: 1
Analyst ID.....: 004648 Instrument ID..: MSC
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: RINSATE

GC/MS Volatiles

Lot-Sample #...: E0L160148-026 Work Order #...: DRKFR1AA 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 | 90 | (75 - 120) |
| 1,2-Dichloroethane-d4 | 83 | (65 - 130) |
| Toluene-d8 | 99 | (80 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: E0L160148-027 Work Order #...: DRKFT1AA Matrix.....: WATER
Date Sampled...: 12/15/00 15:30 Date Received..: 12/15/00 17:50 MS Run #.....: 0358024
Prep Date.....: 12/21/00 Analysis Date..: 12/21/00
Prep Batch #...: 0358125 Analysis Time..: 11:14
Dilution Factor: 1
Analyst ID.....: 004648 Instrument ID..: MSC
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 |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: E0L160148-027 Work Order #...: DRKFT1AA 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 | 94 | (75 - 120) |
| 1,2-Dichloroethane-d4 | 86 | (65 - 130) |
| Toluene-d8 | 107 | (80 - 130) |

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-5'

TOTAL Metals

Lot-Sample #...: E0L160148-001 Matrix.....: SOLID
Date Sampled...: 12/15/00 08:30 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 25700 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AE |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 4.0 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AF |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.69 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AG |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 133 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AH |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.46 B | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 26.6 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AK |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.75 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AL |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 4.6 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AM |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AN |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-5'

TOTAL Metals

Lot-Sample #...: E0L160148-001 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AP |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 10.6 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 18.8 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AR |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.6 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AT |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 21.5 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AU |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 1.0 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AV |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 55.3 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AW |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 59.6 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDF1AX |
| | | Dilution Factor: 1 | | Analysis Time..: 19:38 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.032 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKDF1A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 14:59 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-10'

TOTAL Metals

Lot-Sample #...: E0L160148-002 Matrix.....: SOLID
Date Sampled...: 12/15/00 08:40 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 28000 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AG |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 5.6 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AH |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.84 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 153 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AK |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.70 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AL |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 31.9 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AM |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.78 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AN |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 5.8 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AP |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-278-10'

TOTAL Metals

Lot-Sample #...: E0L160148-002 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AR |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 12.4 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AT |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 35.0 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AU |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 2.0 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AV |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 23.7 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AW |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 1.0 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1AX |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 69.4 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 74.7 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKDX1A1 |
| | | Dilution Factor: 1 | | Analysis Time..: 19:46 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.046 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKDX1AA |
| | | Dilution Factor: 1 | | Analysis Time..: 15:04 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-5'

TOTAL Metals

Lot-Sample #...: E0L160148-003 Matrix.....: SOLID
Date Sampled...: 12/15/00 08:45 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 33500 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AG |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 4.1 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AH |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.40 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 134 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AK |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.56 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AL |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 33.3 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AM |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.87 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AN |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 5.3 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AP |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-5'

TOTAL Metals

Lot-Sample #...: E0L160148-003 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AR |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 10.6 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AT |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 20.3 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AU |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.7 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AV |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 24.9 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AW |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 1.2 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01AX |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 65.1 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 65.2 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD01A1 |
| | | Dilution Factor: 1 | | Analysis Time..: 19:54 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.068 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKD01AA |
| | | Dilution Factor: 1 | | Analysis Time..: 15:06 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-10'

TOTAL Metals

Lot-Sample #...: E0L160148-004 Matrix.....: SOLID
Date Sampled...: 12/15/00 08:50 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 31600 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AG |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 6.1 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AH |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.45 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 229 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AK |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.86 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AL |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 38.7 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AM |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.86 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AN |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 6.9 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AP |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-279-10'

TOTAL Metals

Lot-Sample #...: E0L160148-004 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AR |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 15.2 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AT |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 37.1 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AU |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 2.1 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AV |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 28.6 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AW |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 1.1 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41AX |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 77.6 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 83.6 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD41A1 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:02 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.043 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKD41AA |
| | | Dilution Factor: 1 | | Analysis Time..: 15:12 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-5'

TOTAL Metals

Lot-Sample #...: E0L160148-005 Matrix.....: SOLID
Date Sampled...: 12/15/00 09:05 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 21800 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AG |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 3.0 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AH |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.49 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 140 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AK |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.32 B | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AL |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 24.6 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AM |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.54 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AN |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 4.8 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AP |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-5'

TOTAL Metals

Lot-Sample #...: E0L160148-005 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AR |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 12.2 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AT |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 15.9 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AU |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.4 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AV |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 17.4 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AW |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 0.62 B | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51AX |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 50.1 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 50.2 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD51A1 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:10 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.065 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKD51AA |
| | | Dilution Factor: 1 | | Analysis Time..: 15:14 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-10'

TOTAL Metals

Lot-Sample #...: E0L160148-006 Matrix.....: SOLID
Date Sampled...: 12/15/00 09:10 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 33900 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AG |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 6.0 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AH |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.55 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 159 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AK |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.70 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AL |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 39.3 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AM |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.92 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AN |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 7.0 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AP |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-280-10'

TOTAL Metals

Lot-Sample #...: E0L160148-006 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AR |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 14.3 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AT |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 34.5 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AU |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 2.1 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AV |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 28.5 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AW |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 0.77 B | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81AX |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 79.0 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 80.0 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKD81A1 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:18 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.073 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKD81AA |
| | | Dilution Factor: 1 | | Analysis Time..: 15:15 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-5'

TOTAL Metals

Lot-Sample #...: E0L160148-007 Matrix.....: SOLID
Date Sampled...: 12/15/00 09:35 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 23800 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AG |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 2.8 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AH |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.38 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 133 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AK |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.58 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AL |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 24.8 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AM |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.62 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AN |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 11.1 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AP |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-5'

TOTAL Metals

Lot-Sample #...: E0L160148-007 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AR |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 10.2 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AT |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 18.9 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AU |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.4 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AV |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 18.3 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AW |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 0.50 B | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1AX |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 56.2 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 95.6 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEA1A1 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:26 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.072 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKEA1AA |
| | | Dilution Factor: 1 | | Analysis Time..: 15:17 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-10'

TOTAL Metals

Lot-Sample #...: E0L160148-008 Matrix.....: SOLID
Date Sampled...: 12/15/00 09:45 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 29600 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AG |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 5.0 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AH |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.73 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 169 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AK |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.76 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AL |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 35.8 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AM |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.80 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AN |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 6.2 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AP |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-10'

TOTAL Metals

Lot-Sample #...: E0L160148-008 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AR |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 13.6 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AT |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 33.2 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AU |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.8 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AV |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 25.8 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AW |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 0.75 B | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1AX |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 71.2 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 79.6 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEE1A1 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:34 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.047 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKEE1AA |
| | | Dilution Factor: 1 | | Analysis Time..: 15:19 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-15'

TOTAL Metals

Lot-Sample #...: E0L160148-009 Matrix.....: SOLID
Date Sampled...: 12/15/00 09:52 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 25900 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AG |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 5.5 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AH |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.58 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 140 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AK |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.58 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AL |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 29.1 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AM |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.72 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AN |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 5.7 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AP |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-281-15'

TOTAL Metals

Lot-Sample #...: E0L160148-009 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AR |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 12.5 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AT |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 28.3 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AU |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.7 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AV |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 20.4 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AW |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 0.64 B | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1AX |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 63.3 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 69.2 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEH1A1 |
| | | Dilution Factor: 1 | | Analysis Time..: 20:56 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.055 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKEH1AA |
| | | Dilution Factor: 1 | | Analysis Time..: 15:20 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-5'

TOTAL Metals

Lot-Sample #...: E0L160148-010 Matrix.....: SOLID
Date Sampled...: 12/15/00 10:10 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 29300 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AE |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 3.4 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AF |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.22 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AG |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 111 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AH |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.40 B | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 30.7 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AK |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.84 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AL |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 4.4 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AM |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AN |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-282-5'

TOTAL Metals

Lot-Sample #...: E0L160148-010 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AP |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 8.3 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 16.1 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AR |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.4 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AT |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 17.2 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AU |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 0.63 B | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AV |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 57.1 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AW |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 49.9 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEJ1AX |
| | | Dilution Factor: 1 | | Analysis Time..: 21:04 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.040 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKEJ1A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 15:22 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-283-5'

TOTAL Metals

Lot-Sample #...: E0L160148-013 Matrix.....: SOLID
Date Sampled...: 12/15/00 12:10 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 29500 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AF |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 3.8 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AG |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.27 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AH |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 175 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.44 B | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AK |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 29.6 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AL |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.86 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AM |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 5.1 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AN |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AP |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-283-5'

TOTAL Metals

Lot-Sample #...: E0L160148-013 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 10.2 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AR |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 15.8 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AT |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.4 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AU |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 21.3 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AV |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 0.77 B | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AW |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 57.4 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1AX |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 50.4 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKEX1A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 21:12 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.039 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKEX1AA |
| | | Dilution Factor: 1 | | Analysis Time..: 15:24 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-284-5'

TOTAL Metals

Lot-Sample #...: E0L160148-015 Matrix.....: SOLID
Date Sampled...: 12/15/00 12:25 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 27200 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AE |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 3.2 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AF |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.28 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AG |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 176 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AH |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.51 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 28.4 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AK |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.78 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AL |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 5.5 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AM |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AN |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-284-5'

TOTAL Metals

Lot-Sample #...: E0L160148-015 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AP |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 11.0 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 18.7 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AR |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.2 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AT |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 19.1 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AU |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 0.69 B | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AV |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 50.8 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AW |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 54.9 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKE61AX |
| | | Dilution Factor: 1 | | Analysis Time..: 21:20 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |

Prep Batch #...: 0353339

| | | | | | | |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKE61A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 15:26 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-285-5'

TOTAL Metals

Lot-Sample #...: E0L160148-017 Matrix.....: SOLID
Date Sampled...: 12/15/00 13:00 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 26100 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AC |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 3.8 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AD |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.47 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AE |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 184 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AF |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.48 B | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AG |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 26.3 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AH |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.69 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 5.3 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AK |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AL |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-285-5'

TOTAL Metals

Lot-Sample #...: E0L160148-017 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AM |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 11.3 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AN |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 23.6 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AP |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.5 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 19.3 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AR |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | 0.85 B | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AT |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 57.7 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AU |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 65.8 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFC1AV |
| | | Dilution Factor: 1 | | Analysis Time..: 21:28 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.036 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKFC1AW |
| | | Dilution Factor: 1 | | Analysis Time..: 15:27 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-5'

TOTAL Metals

Lot-Sample #...: E0L160148-022 Matrix.....: SOLID
Date Sampled...: 12/15/00 14:10 Date Received..: 12/15/00 17:50

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Prep Batch #...: 0353332 | | | | | | |
| Aluminum | 24600 | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AF |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 003119 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 8.0 | |
| Arsenic | 2.8 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AG |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Antimony | 0.39 B | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AH |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.20 | |
| Barium | 90.2 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AJ |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cadmium | 0.33 B | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AK |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Chromium | 25.5 | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AL |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Beryllium | 0.69 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AM |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.050 | |
| Lead | 4.7 | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AN |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AP |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |

(Continued on next page)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C-2-290-5'

TOTAL Metals

Lot-Sample #...: E0L160148-022 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AQ |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Cobalt | 6.5 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AR |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Copper | 15.6 | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AT |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.40 | |
| Molybdenum | 1.2 B | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AU |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Nickel | 13.1 | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AV |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.30 | |
| Thallium | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AW |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.50 | |
| Vanadium | 47.5 | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1AX |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 0.10 | |
| Zinc | 45.0 | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRKFH1A0 |
| | | Dilution Factor: 1 | | Analysis Time..: 21:36 | Analyst ID.....: 0031196 | |
| | | Instrument ID..: M01 | | MS Run #.....: 0353166 | MDL.....: 1.0 | |
| Prep Batch #...: 0353339 | | | | | | |
| Mercury | 0.045 B | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRKFH1AA |
| | | Dilution Factor: 1 | | Analysis Time..: 15:33 | Analyst ID.....: 0210886 | |
| | | Instrument ID..: M04 | | MS Run #.....: 0353168 | MDL.....: 0.020 | |

NOTE(S):

B Estimated result. Result is less than RL.

# QC DATA ASSOCIATION SUMMARY

**E0L160148**

Sample Preparation and Analysis Control Numbers

| SAMPLE# | MATRIX | ANALYTICAL METHOD | LEACH BATCH # | PREP BATCH # | MS RUN# |
|---|---|---|---|---|---|
| 001 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8082 | | 0353564 | 0354126 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 002 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8082 | | 0353564 | 0354126 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 003 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8082 | | 0353564 | 0354126 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 004 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8082 | | 0353564 | 0354126 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 005 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8082 | | 0353564 | 0354126 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 006 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8082 | | 0353564 | 0354126 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |

(Continued on next page)

# QC DATA ASSOCIATION SUMMARY

**E0L160148**

Sample Preparation and Analysis Control Numbers

| SAMPLE# | MATRIX | ANALYTICAL METHOD | LEACH BATCH # | PREP BATCH # | MS RUN# |
|---|---|---|---|---|---|
| 007 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8082 | | 0353564 | 0354126 |
| | SOLID | SW846 8260B | | 0359097 | 0359005 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 008 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8082 | | 0353564 | 0354126 |
| | SOLID | SW846 8260B | | 0362319 | 0362154 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 009 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8082 | | 0353564 | 0354126 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 010 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 011 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| 012 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| 013 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 014 | SOLID | SW846 8260B | | 0358183 | 0358065 |

(Continued on next page)

# QC DATA ASSOCIATION SUMMARY

E0L160148

Sample Preparation and Analysis Control Numbers

| SAMPLE# | MATRIX | ANALYTICAL METHOD | LEACH BATCH # | PREP BATCH # | MS RUN# |
|---|---|---|---|---|---|
| 015 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8260B | | 0358183 | 0358065 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 016 | SOLID | SW846 8260B | | 0358183 | 0358065 |
| 017 | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8260B | | 0362319 | 0362154 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 019 | SOLID | SW846 8082 | | 0353564 | 0354126 |
| 020 | SOLID | SW846 8082 | | 0353564 | 0354126 |
| 021 | SOLID | SW846 8082 | | 0353564 | 0354126 |
| 022 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357455 | 0357225 |
| | SOLID | SW846 7471A | | 0353339 | 0353168 |
| | SOLID | SW846 8260B | | 0359097 | 0359005 |
| | SOLID | SW846 6010B | | 0353332 | 0353166 |
| 023 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357457 | 0357224 |
| | SOLID | SW846 8260B | | 0359097 | 0359005 |
| 024 | SOLID | SW846 8015B | | 0353575 | 0354157 |
| | SOLID | SW846 8015B | | 0357457 | 0357224 |
| | SOLID | SW846 8260B | | 0359097 | 0359005 |
| 025 | SOLID | SW846 8082 | | 0353564 | 0354126 |
| 026 | WATER | SW846 8260B | | 0358125 | 0358024 |
| 027 | WATER | SW846 8260B | | 0358125 | 0358024 |

# METHOD BLANK REPORT

## GC Semivolatiles

Client Lot #...: E0L160148
MB Lot-Sample #: E0L180000-564

Work Order #...: DRM681AA

Matrix.....: SOLID

Prep Date.....: 12/18/00

Analysis Time..: 12:26

Analysis Date..: 12/19/00

Prep Batch #...: 0353564

Instrument ID..: G8B

Dilution Factor: 1

Analyst ID.....: 018568

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 95 | (60 - 140) |
| Tetrachloro-m-xylene | 87 | (60 - 140) |

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E0L160148
MB Lot-Sample #: E0L180000-575

Work Order #...: DRNA91AA

Matrix.....: SOLID

Prep Date.....: 12/18/00

Analysis Time..: 15:01

Analysis Date..: 12/20/00

Prep Batch #...: 0353575

Instrument ID..: G01

Dilution Factor: 1

Analyst ID.....: 356074

| 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 | 90 | (60 - 130) |

NOTE(S):

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

# METHOD BLANK REPORT

## GC Volatiles

Client Lot #...: E0L160148
MB Lot-Sample #: E0L220000-457

Work Order #...: DR0CP1AA

Matrix.....: SOLID

Prep Date.....: 12/21/00

Analysis Time..: 03:29

Analysis Date..: 12/21/00

Prep Batch #...: 0357457

Instrument ID..: G15

Dilution Factor: 1

Analyst ID.....: 001464

| 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) | 92 | (60 - 130) |

**NOTE(S):**

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

# METHOD BLANK REPORT

## GC Volatiles

Client Lot #...: E0L160148
MB Lot-Sample #: E0L220000-455

Analysis Date..: 12/20/00
Dilution Factor: 1

Work Order #...: DR0CT1AA

Prep Date.....: 12/20/00
Prep Batch #...: 0357455

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 15:32
Instrument ID..: G15

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

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 90 | (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 #...: E0L160148
MB Lot-Sample #: E0L230000-125

Work Order #...: DR0LG1AA

Matrix.....: WATER

Prep Date.....: 12/21/00
Prep Batch #...: 0358125

Analysis Time..: 10:01
Instrument ID..: MSC

Analysis Date..: 12/21/00
Dilution Factor: 1

Analyst ID.....: 004648

| 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 |

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L160148 Work Order #...: DR0LG1AA 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 | 96 | (75 - 120) |
| 1,2-Dichloroethane-d4 | 90 | (65 - 130) |
| Toluene-d8 | 106 | (80 - 130) |

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L160148
MB Lot-Sample #: E0L230000-183

Work Order #...: DR00W1AA

Matrix.....: SOLID

Prep Date.....: 12/23/00
Prep Batch #...: 0358183

Analysis Time..: 09:43
Instrument ID..: MSD

Analysis Date..: 12/23/00
Dilution Factor: 1

Analyst ID.....: 015590

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L160148 Work Order #...: DR00W1AA 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 | 78 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 96 | (60 - 140) |
| Toluene-d8 | 82 | (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 #...: E0L160148
MB Lot-Sample #: E0L240000-097

Work Order #...: DR0061AA

Matrix.....: SOLID

Prep Date.....: 12/23/00
Prep Batch #...: 0359097

Analysis Time..: 21:28
Instrument ID..: MSD

Analysis Date..: 12/23/00
Dilution Factor: 1

Analyst ID.....: 015590

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L160148 Work Order #...: DR0061AA 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 | 87 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 96 | (60 - 140) |
| Toluene-d8 | 94 | (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 #...: E0L160148
MB Lot-Sample #: E0L270000-319

Work Order #...: DR1661AA

Matrix.....: SOLID

Prep Date.....: 12/26/00

Analysis Time..: 09:35

Analysis Date..: 12/26/00

Prep Batch #...: 0362319

Instrument ID..: MSD

Dilution Factor: 1

Analyst ID.....: 999998

| 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 |

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E0L160148 Work Order #...: DR1661AA 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 | 100 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 89 | (60 - 140) |
| Toluene-d8 | 101 | (70 - 130) |

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E0L160148 Matrix.....: SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| MB Lot-Sample #: E0L180000-332 Prep Batch #...: 0353332 | | | | | | |
| Aluminum | ND | 20.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1CD |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Arsenic | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AA |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Antimony | ND | 6.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AC |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Barium | ND | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AD |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Cadmium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AE |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| **Chromium** | **0.10 B** | **1.0** | **mg/kg** | **SW846 6010B** | **12/19-12/20/00** | **DRLFQ1AF** |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Beryllium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AG |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Lead | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AH |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Selenium | ND | 0.50 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AJ |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Silver | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AK |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Cobalt | ND | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AL |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |

(Continued on next page)

## METHOD BLANK REPORT

### TOTAL Metals

**Client Lot #...:** E0L160148 **Matrix.....:** SOLID

| PARAMETER | RESULT | REPORTING LIMIT | UNITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|
| Copper | ND | 2.5 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AM |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Molybdenum | ND | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AN |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Nickel | ND | 4.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AP |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Thallium | ND | 1.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AQ |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Vanadium | ND | 5.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AR |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Zinc | ND | 2.0 | mg/kg | SW846 6010B | 12/19-12/20/00 | DRLFQ1AT |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 18:14 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |

**MB Lot-Sample #:** E0L180000-339 **Prep Batch #...:** 0353339

| | | | | | | |
|---|---|---|---|---|---|---|
| Mercury | ND | 0.10 | mg/kg | SW846 7471A | 12/20-12/21/00 | DRLF31AA |
| | | Dilution Factor: 1 | | | | |
| | | Analysis Time..: 14:56 | | 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 #...: E0L160148 Work Order #...: DRM681AC Matrix.....: SOLID
LCS Lot-Sample#: E0L180000-564
Prep Date.....: 12/18/00 Analysis Date..: 12/19/00
Prep Batch #...: 0353564 Analysis Time..: 13:05
Dilution Factor: 1 Instrument ID..: G8B
Analyst ID.....: 018568

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|
| **Aroclor 1016** | **333** | **363** | **ug/kg** | **109** | **SW846 8082** |
| **Aroclor 1260** | **333** | **380** | **ug/kg** | **114** | **SW846 8082** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 107 | (60 - 140) |
| Tetrachloro-m-xylene | 105 | (60 - 140) |

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: E0L160148 Work Order #...: DRNA91AC Matrix.....: SOLID
LCS Lot-Sample#: E0L180000-575
Prep Date.....: 12/18/00 Analysis Date..: 12/20/00
Prep Batch #...: 0353575 Analysis Time..: 15:31
Dilution Factor: 1 Instrument ID..: G01
Analyst ID.....: 356074

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|
| TPH (as Diesel) | 250 | 222 | mg/kg | 89 | SW846 8015B |

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

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E0L160148 Work Order #...: DR0CP1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L220000-457
Prep Date.....: 12/21/00 Analysis Date..: 12/21/00
Prep Batch #...: 0357457 Analysis Time..: 03:02
Dilution Factor: 1 Instrument ID..: G15
Analyst ID.....: 001464

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|
| **TPH (as Gasoline)** | **5.00** | **4.57** | **mg/kg** | **91** | **SW846 8015B** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 109 | (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 #...: E0L160148 Work Order #...: DR0CT1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L220000-455
Prep Date.....: 12/20/00 Analysis Date..: 12/20/00
Prep Batch #...: 0357455 Analysis Time..: 15:05
Dilution Factor: 1 Instrument ID..: G15
Analyst ID.....: 001464

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|
| TPH (as Gasoline) | 5.00 | 5.35 | mg/kg | 107 | SW846 8015B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 117 | (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 #...: E0L160148 Work Order #...: DR0LG1AC Matrix.....: WATER
LCS Lot-Sample#: E0L230000-125
Prep Date.....: 12/21/00 Analysis Date..: 12/21/00
Prep Batch #...: 0358125 Analysis Time..: 09:31
Dilution Factor: 1 Instrument ID..: MSC
Analyst ID.....: 004648

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|
| Benzene | 10.0 | 10.1 | ug/L | 101 | SW846 8260B |
| 1,1-Dichloroethene | 10.0 | 9.47 | ug/L | 95 | SW846 8260B |
| Chlorobenzene | 10.0 | 9.71 | ug/L | 97 | SW846 8260B |
| Toluene | 10.0 | 10.2 | ug/L | 102 | SW846 8260B |
| Trichloroethene | 10.0 | 9.16 | ug/L | 92 | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 100 | (75 - 120) |
| 1,2-Dichloroethane-d4 | 90 | (65 - 130) |
| Toluene-d8 | 111 | (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/MS Volatiles

Client Lot #...: E0L160148 Work Order #...: DR00W1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L230000-183
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 09:12
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 015590

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 53.9 | ug/kg | 108 | SW846 8260B |
| Benzene | 50.0 | 48.9 | ug/kg | 98 | SW846 8260B |
| Trichloroethene | 50.0 | 52.5 | ug/kg | 105 | SW846 8260B |
| Toluene | 50.0 | 45.7 | ug/kg | 91 | SW846 8260B |
| Chlorobenzene | 50.0 | 47.3 | ug/kg | 95 | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 78 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 100 | (60 - 140) |
| Toluene-d8 | 86 | (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 #...: E0L160148 Work Order #...: DR0061AC Matrix.....: SOLID
LCS Lot-Sample#: E0L240000-097
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0359097 Analysis Time..: 20:57
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 015590

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 56.3 | ug/kg | 113 | SW846 8260B |
| Benzene | 50.0 | 51.2 | ug/kg | 102 | SW846 8260B |
| Trichloroethene | 50.0 | 57.1 | ug/kg | 114 | SW846 8260B |
| Toluene | 50.0 | 51.4 | ug/kg | 103 | SW846 8260B |
| Chlorobenzene | 50.0 | 54.2 | ug/kg | 108 | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 90 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 104 | (60 - 140) |
| Toluene-d8 | 99 | (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 #...: E0L160148 Work Order #...: DR1661AC Matrix.....: SOLID
LCS Lot-Sample#: E0L270000-319
Prep Date.....: 12/26/00 Analysis Date..: 12/26/00
Prep Batch #...: 0362319 Analysis Time..: 09:04
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 999998

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCENT RECOVERY | METHOD |
|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 47.8 | ug/kg | 96 | SW846 8260B |
| Benzene | 50.0 | 50.0 | ug/kg | 100 | SW846 8260B |
| Trichloroethene | 50.0 | 48.6 | ug/kg | 97 | SW846 8260B |
| Toluene | 50.0 | 48.6 | ug/kg | 97 | SW846 8260B |
| Chlorobenzene | 50.0 | 49.0 | ug/kg | 98 | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 91 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 102 | (60 - 140) |
| Toluene-d8 | 96 | (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 #...: E0L160148 Matrix.....: SOLID

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCNT RECVRY | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|---|
| **LCS Lot-Sample#:** E0L180000-332 **Prep Batch #...:** 0353332 | | | | | | | |
| Arsenic | 200 | 188 | mg/kg | 94 | SW846 6010B | 12/19-12/20/00 | DRLFQ1AU |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Aluminum | 200 | 199 | mg/kg | 99 | SW846 6010B | 12/19-12/20/00 | DRLFQ1CE |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Antimony | 50.0 | 47.4 | mg/kg | 95 | SW846 6010B | 12/19-12/20/00 | DRLFQ1AV |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Barium | 200 | 199 | mg/kg | 100 | SW846 6010B | 12/19-12/20/00 | DRLFQ1AW |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Cadmium | 5.00 | 5.03 | mg/kg | 101 | SW846 6010B | 12/19-12/20/00 | DRLFQ1AX |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Chromium | 20.0 | 20.4 | mg/kg | 102 | SW846 6010B | 12/19-12/20/00 | DRLFQ1A0 |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Beryllium | 5.00 | 5.02 | mg/kg | 100 | SW846 6010B | 12/19-12/20/00 | DRLFQ1A1 |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Lead | 50.0 | 49.1 | mg/kg | 98 | SW846 6010B | 12/19-12/20/00 | DRLFQ1A2 |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Selenium | 200 | 186 | mg/kg | 93 | SW846 6010B | 12/19-12/20/00 | DRLFQ1A3 |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Silver | 5.00 | 4.87 | mg/kg | 97 | SW846 6010B | 12/19-12/20/00 | DRLFQ1A4 |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |

(Continued on next page)

## LABORATORY CONTROL SAMPLE DATA REPORT

### TOTAL Metals

**Client Lot #...:** E0L160148 **Matrix.....:** SOLID

| PARAMETER | SPIKE AMOUNT | MEASURED AMOUNT | UNITS | PERCNT RECVRY | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|---|
| Cobalt | 50.0 | 51.5 | mg/kg | 103 | SW846 6010B | 12/19-12/20/00 | DRLFQ1A5 |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Copper | 25.0 | 25.6 | mg/kg | 102 | SW846 6010B | 12/19-12/20/00 | DRLFQ1A6 |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Molybdenum | 100 | 99.3 | mg/kg | 99 | SW846 6010B | 12/19-12/20/00 | DRLFQ1A7 |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Nickel | 50.0 | 50.3 | mg/kg | 101 | SW846 6010B | 12/19-12/20/00 | DRLFQ1A8 |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Thallium | 200 | 201 | mg/kg | 101 | SW846 6010B | 12/19-12/20/00 | DRLFQ1A9 |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Vanadium | 50.0 | 50.9 | mg/kg | 102 | SW846 6010B | 12/19-12/20/00 | DRLFQ1CA |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Zinc | 50.0 | 49.5 | mg/kg | 99 | SW846 6010B | 12/19-12/20/00 | DRLFQ1CC |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 18:20 | | Analyst ID.....: 003119 | Instrument ID..: M01 | |

**LCS Lot-Sample#:** E0L180000-339 **Prep Batch #...:** 0353339

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mercury | 0.833 | 0.798 | mg/kg | 96 | SW846 7471A | 12/20-12/21/00 | DRLF31AC |
| | | | Dilution Factor: 1 | | | | |
| | | | Analysis Time..: 14:57 | | 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 #...: E0L160148 Work Order #...: DRM681AC Matrix.....: SOLID
LCS Lot-Sample#: E0L180000-564
Prep Date.....: 12/18/00 Analysis Date..: 12/19/00
Prep Batch #...: 0353564 Analysis Time..: 13:05
Dilution Factor: 1 Instrument ID..: G8B
Analyst ID.....: 018568

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| Aroclor 1016 | 109 | (65 - 130) | SW846 8082 |
| Aroclor 1260 | 114 | (70 - 130) | SW846 8082 |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 107 | (60 - 140) |
| Tetrachloro-m-xylene | 105 | (60 - 140) |

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: E0L160148 Work Order #...: DRNA91AC Matrix.....: SOLID
LCS Lot-Sample#: E0L180000-575
Prep Date.....: 12/18/00 Analysis Date..: 12/20/00
Prep Batch #...: 0353575 Analysis Time..: 15:31
Dilution Factor: 1 Instrument ID..: G01
Analyst ID.....: 356074

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| **TPH (as Diesel)** | **89** | **(60 - 130)** | **SW846 8015B** |

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

**NOTE(S):**

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E0L160148 Work Order #...: DR0CP1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L220000-457
Prep Date.....: 12/21/00 Analysis Date..: 12/21/00
Prep Batch #...: 0357457 Analysis Time..: 03:02
Dilution Factor: 1 Instrument ID..: G15
Analyst ID.....: 001464

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| **TPH (as Gasoline)** | **91** | **(80 - 140)** | **SW846 8015B** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 109 | (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 #...: E0L160148 Work Order #...: DR0CT1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L220000-455
Prep Date.....: 12/20/00 Analysis Date..: 12/20/00
Prep Batch #...: 0357455 Analysis Time..: 15:05
Dilution Factor: 1 Instrument ID..: G15
Analyst ID.....: 001464

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| **TPH (as Gasoline)** | **107** | **(80 - 140)** | **SW846 8015B** |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 117 | (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 #...: E0L160148 Work Order #...: DR0LG1AC Matrix.....: WATER
LCS Lot-Sample#: E0L230000-125
Prep Date.....: 12/21/00 Analysis Date..: 12/21/00
Prep Batch #...: 0358125 Analysis Time..: 09:31
Dilution Factor: 1 Instrument ID..: MSC
Analyst ID.....: 004648

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| Benzene | 101 | (75 - 120) | SW846 8260B |
| 1,1-Dichloroethene | 95 | (70 - 130) | SW846 8260B |
| Chlorobenzene | 97 | (80 - 120) | SW846 8260B |
| Toluene | 102 | (80 - 120) | SW846 8260B |
| Trichloroethene | 92 | (75 - 130) | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 100 | (75 - 120) |
| 1,2-Dichloroethane-d4 | 90 | (65 - 130) |
| Toluene-d8 | 111 | (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/MS Volatiles

Client Lot #...: E0L160148 Work Order #...: DR00W1AC Matrix.....: SOLID
LCS Lot-Sample#: E0L230000-183
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358183 Analysis Time..: 09:12
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 015590

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| 1,1-Dichloroethene | 108 | (60 - 150) | SW846 8260B |
| Benzene | 98 | (70 - 140) | SW846 8260B |
| Trichloroethene | 105 | (70 - 130) | SW846 8260B |
| Toluene | 91 | (70 - 130) | SW846 8260B |
| Chlorobenzene | 95 | (70 - 130) | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 78 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 100 | (60 - 140) |
| Toluene-d8 | 86 | (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 #...: E0L160148 Work Order #...: DR0061AC Matrix.....: SOLID
LCS Lot-Sample#: E0L240000-097
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0359097 Analysis Time..: 20:57
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 015590

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| 1,1-Dichloroethene | 113 | (60 - 150) | SW846 8260B |
| Benzene | 102 | (70 - 140) | SW846 8260B |
| Trichloroethene | 114 | (70 - 130) | SW846 8260B |
| Toluene | 103 | (70 - 130) | SW846 8260B |
| Chlorobenzene | 108 | (70 - 130) | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 90 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 104 | (60 - 140) |
| Toluene-d8 | 99 | (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 #...: E0L160148 Work Order #...: DR1661AC Matrix.....: SOLID
LCS Lot-Sample#: E0L270000-319
Prep Date.....: 12/26/00 Analysis Date..: 12/26/00
Prep Batch #...: 0362319 Analysis Time..: 09:04
Dilution Factor: 1 Instrument ID..: MSD
Analyst ID.....: 999998

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD |
|---|---|---|---|
| 1,1-Dichloroethene | 96 | (60 - 150) | SW846 8260B |
| Benzene | 100 | (70 - 140) | SW846 8260B |
| Trichloroethene | 97 | (70 - 130) | SW846 8260B |
| Toluene | 97 | (70 - 130) | SW846 8260B |
| Chlorobenzene | 98 | (70 - 130) | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 91 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 102 | (60 - 140) |
| Toluene-d8 | 96 | (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 #...:** E0L160148 **Matrix.....:** SOLID

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|
| **LCS Lot-Sample#:** E0L180000-332 **Prep Batch #...:** 0353332 | | | | | |
| Arsenic | 94 | (75 - 115) | SW846 6010B | 12/19-12/20/00 | DRLFQ1AU |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Aluminum | 99 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1CE |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Antimony | 95 | (75 - 115) | SW846 6010B | 12/19-12/20/00 | DRLFQ1AV |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Barium | 100 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1AW |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Cadmium | 101 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1AX |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Chromium | 102 | (85 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1A0 |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Beryllium | 100 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1A1 |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Lead | 98 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1A2 |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Selenium | 93 | (70 - 115) | SW846 6010B | 12/19-12/20/00 | DRLFQ1A3 |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Silver | 97 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1A4 |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

**Client Lot #...:** E0L160148 **Matrix.....:** SOLID

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|
| Cobalt | 103 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1A5 |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Copper | 102 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1A6 |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Molybdenum | 99 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1A7 |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Nickel | 101 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1A8 |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Thallium | 101 | (75 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1A9 |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Vanadium | 102 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1CA |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |
| Zinc | 99 | (80 - 120) | SW846 6010B | 12/19-12/20/00 | DRLFQ1CC |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 18:20 | Analyst ID.....: 003119 | Instrument ID..: M01 | |

**LCS Lot-Sample#:** E0L180000-339 **Prep Batch #...:** 0353339

| | | | | | |
|---|---|---|---|---|---|
| Mercury | 96 | (85 - 115) | SW846 7471A | 12/20-12/21/00 | DRLF31AC |
| | | Dilution Factor: 1 | | | |
| | | Analysis Time..: 14:57 | 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

## TOTAL Metals

**Client Lot #...:** E0L160148 **Matrix.....:** SOLID
**Date Sampled...:** 12/13/00 13:30 **Date Received..:** 12/14/00 10:00

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASURED AMOUNT | | UNITS | PERCNT RECVRY | RPD | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|---|---|---|---|
| **MS Lot-Sample #:** E0L140336-001 **Prep Batch #...:** 0353332 | | | | | | | | | | |
| Aluminum | | | | | | | | | | |
| | 5420 | 200 | 6440 | NC | mg/kg | | | SW846 6010B | 12/19-12/20/00 | DRFQ91C4 |
| | 5420 | 200 | 6330 | NC | mg/kg | | | SW846 6010B | 12/19-12/20/00 | DRFQ91C5 |
| | | | Dilution Factor: 1 | | | | | | | |
| | | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | MS Run #.....: 0353166 | | | | | | | |
| Arsenic | | | | | | | | | | |
| | 0.50 | 200 | 178 | | mg/kg | 89 | | SW846 6010B | 12/19-12/20/00 | DRFQ91A1 |
| | 0.50 | 200 | 176 | | mg/kg | 88 | 0.73 | SW846 6010B | 12/19-12/20/00 | DRFQ91A2 |
| | | | Dilution Factor: 1 | | | | | | | |
| | | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | MS Run #.....: 0353166 | | | | | | | |
| Antimony | | | | | | | | | | |
| | ND | 50.0 | 23.6 | N | mg/kg | 47 | | SW846 6010B | 12/19-12/20/00 | DRFQ91A3 |
| | ND | 50.0 | 24.2 | N | mg/kg | 48 | 2.4 | SW846 6010B | 12/19-12/20/00 | DRFQ91A4 |
| | | | Dilution Factor: 1 | | | | | | | |
| | | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | MS Run #.....: 0353166 | | | | | | | |
| Barium | | | | | | | | | | |
| | 29.2 | 200 | 226 | | mg/kg | 99 | | SW846 6010B | 12/19-12/20/00 | DRFQ91A5 |
| | 29.2 | 200 | 223 | | mg/kg | 97 | 1.7 | SW846 6010B | 12/19-12/20/00 | DRFQ91A6 |
| | | | Dilution Factor: 1 | | | | | | | |
| | | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | MS Run #.....: 0353166 | | | | | | | |
| Cadmium | | | | | | | | | | |
| | 0.17 | 5.00 | 4.89 | | mg/kg | 94 | | SW846 6010B | 12/19-12/20/00 | DRFQ91A7 |
| | 0.17 | 5.00 | 4.84 | | mg/kg | 93 | 1.0 | SW846 6010B | 12/19-12/20/00 | DRFQ91A8 |
| | | | Dilution Factor: 1 | | | | | | | |
| | | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | MS Run #.....: 0353166 | | | | | | | |
| Chromium | | | | | | | | | | |
| | 13.7 | 20.0 | 31.0 | | mg/kg | 86 | | SW846 6010B | 12/19-12/20/00 | DRFQ91A9 |
| | 13.7 | 20.0 | 31.0 | | mg/kg | 86 | 0.09 | SW846 6010B | 12/19-12/20/00 | DRFQ91CA |
| | | | Dilution Factor: 1 | | | | | | | |
| | | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | MS Run #.....: 0353166 | | | | | | | |

(Continued on next page)

# MATRIX SPIKE SAMPLE DATA REPORT

## TOTAL Metals

**Client Lot #...:** E0L160148 **Matrix.....:** SOLID
**Date Sampled...:** 12/13/00 13:30 **Date Received..:** 12/14/00 10:00

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASURED AMOUNT | UNITS | PERCNT RECVRY | RPD | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|---|---|---|
| Beryllium | | | | | | | | | |
| | 0.22 | 5.00 | 5.00 | mg/kg | 96 | | SW846 6010B | 12/19-12/20/00 | DRFQ91CC |
| | 0.22 | 5.00 | 4.99 | mg/kg | 95 | 0.28 | SW846 6010B | 12/19-12/20/00 | DRFQ91CD |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |
| Lead | | | | | | | | | |
| | 2.1 | 50.0 | 47.9 | mg/kg | 91 | | SW846 6010B | 12/19-12/20/00 | DRFQ91CE |
| | 2.1 | 50.0 | 47.6 | mg/kg | 91 | 0.48 | SW846 6010B | 12/19-12/20/00 | DRFQ91CF |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |
| Selenium | | | | | | | | | |
| | ND | 200 | 176 | mg/kg | 88 | | SW846 6010B | 12/19-12/20/00 | DRFQ91CG |
| | ND | 200 | 175 | mg/kg | 88 | 0.49 | SW846 6010B | 12/19-12/20/00 | DRFQ91CH |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |
| Silver | | | | | | | | | |
| | ND | 5.00 | 4.46 | mg/kg | 89 | | SW846 6010B | 12/19-12/20/00 | DRFQ91CJ |
| | ND | 5.00 | 4.45 | mg/kg | 89 | 0.24 | SW846 6010B | 12/19-12/20/00 | DRFQ91CK |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |
| Cobalt | | | | | | | | | |
| | 2.9 | 50.0 | 51.5 | mg/kg | 97 | | SW846 6010B | 12/19-12/20/00 | DRFQ91CL |
| | 2.9 | 50.0 | 51.2 | mg/kg | 96 | 0.67 | SW846 6010B | 12/19-12/20/00 | DRFQ91CM |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |
| Copper | | | | | | | | | |
| | 6.9 | 25.0 | 30.9 | mg/kg | 96 | | SW846 6010B | 12/19-12/20/00 | DRFQ91CN |
| | 6.9 | 25.0 | 31.2 | mg/kg | 97 | 0.97 | SW846 6010B | 12/19-12/20/00 | DRFQ91CP |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |
| Molybdenum | | | | | | | | | |
| | 1.1 | 100 | 92.7 | mg/kg | 92 | | SW846 6010B | 12/19-12/20/00 | DRFQ91CQ |
| | 1.1 | 100 | 93.0 | mg/kg | 92 | 0.32 | SW846 6010B | 12/19-12/20/00 | DRFQ91CR |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |

# MATRIX SPIKE SAMPLE DATA REPORT

## TOTAL Metals

**Client Lot #...:** E0L160148 **Matrix.....:** SOLID
**Date Sampled...:** 12/13/00 13:30 **Date Received..:** 12/14/00 10:00

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASURED AMOUNT | UNITS | PERCNT RECVRY | RPD | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|---|---|---|
| Nickel | | | | | | | | | |
| | 4.2 | 50.0 | 51.6 | mg/kg | 95 | | SW846 6010B | 12/19-12/20/00 | DRFQ91CT |
| | 4.2 | 50.0 | 51.3 | mg/kg | 94 | 0.52 | SW846 6010B | 12/19-12/20/00 | DRFQ91CU |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |
| Thallium | | | | | | | | | |
| | ND | 200 | 189 | mg/kg | 94 | | SW846 6010B | 12/19-12/20/00 | DRFQ91CV |
| | ND | 200 | 188 | mg/kg | 94 | 0.19 | SW846 6010B | 12/19-12/20/00 | DRFQ91CW |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |
| Vanadium | | | | | | | | | |
| | 20.3 | 50.0 | 70.2 | mg/kg | 100 | | SW846 6010B | 12/19-12/20/00 | DRFQ91CX |
| | 20.3 | 50.0 | 69.2 | mg/kg | 98 | 1.3 | SW846 6010B | 12/19-12/20/00 | DRFQ91C0 |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |
| Zinc | | | | | | | | | |
| | 24.3 | 50.0 | 72.6 | mg/kg | 97 | | SW846 6010B | 12/19-12/20/00 | DRFQ91C1 |
| | 24.3 | 50.0 | 73.4 | mg/kg | 98 | 1.1 | SW846 6010B | 12/19-12/20/00 | DRFQ91C2 |
| | | | | Dilution Factor: 1 | | | | | |
| | | | | Analysis Time..: 19:00 | Instrument ID..: M01 | | | Analyst ID.....: 003119 | |
| | | | | MS Run #.....: 0353166 | | | | | |

**NOTE(S):**

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

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E0L160148 Work Order #...: DRF7G1A1-MS Matrix.....: WATER
MS Lot-Sample #: E0L140365-002 DRF7G1A2-MSD
Date Sampled...: 12/14/00 13:20 Date Received..: 12/14/00 18:08 MS Run #.....: 0358024
Prep Date.....: 12/21/00 Analysis Date..: 12/21/00
Prep Batch #...: 0358125 Analysis Time..: 19:03
Dilution Factor: 1 Analyst ID.....: 004648 Instrument ID..: MSC

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASRD AMOUNT | UNITS | PERCENT RECOVERY | RPD | METHOD |
|---|---|---|---|---|---|---|---|
| Benzene | ND | 10.0 | 10.6 | ug/L | 106 | | SW846 8260B |
| | ND | 10.0 | 10.1 | ug/L | 101 | 5.0 | SW846 8260B |
| 1,1-Dichloroethene | 1.5 | 10.0 | 11.3 | ug/L | 98 | | SW846 8260B |
| | 1.5 | 10.0 | 10.5 | ug/L | 90 | 7.7 | SW846 8260B |
| Chlorobenzene | ND | 10.0 | 9.67 | ug/L | 97 | | SW846 8260B |
| | ND | 10.0 | 9.39 | ug/L | 94 | 2.9 | SW846 8260B |
| Toluene | ND | 10.0 | 10.2 | ug/L | 102 | | SW846 8260B |
| | ND | 10.0 | 9.87 | ug/L | 99 | 3.8 | SW846 8260B |
| Trichloroethene | 4.8 | 10.0 | 13.6 | ug/L | 89 | | SW846 8260B |
| | 4.8 | 10.0 | 13.1 | ug/L | 83 | 4.3 | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 99 | (75 - 120) |
| | 97 | (75 - 120) |
| 1,2-Dichloroethane-d4 | 93 | (65 - 130) |
| | 90 | (65 - 130) |
| Toluene-d8 | 108 | (80 - 130) |
| | 104 | (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

## GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Client Lot #...: | E0L160148 | Work Order #...: | DRJVJ1A4-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L150339-018 | | DRJVJ1A5-MSD | | |
| Date Sampled...: | 12/15/00 10:05 | Date Received..: | 12/15/00 17:15 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/19/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 16:35 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 018568 | Instrument ID..: | G8B |

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASRD AMOUNT | UNITS | PERCENT RECOVERY | RPD | METHOD |
|---|---|---|---|---|---|---|---|
| Aroclor 1016 | ND | 333 | 364 | ug/kg | 109 | | SW846 8082 |
| | ND | 333 | 348 | ug/kg | 105 | 4.3 | SW846 8082 |
| Aroclor 1260 | ND | 333 | 357 | ug/kg | 107 | | SW846 8082 |
| | ND | 333 | 344 | ug/kg | 103 | 3.8 | SW846 8082 |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 90 | (60 - 140) |
| | 81 | (60 - 140) |
| Tetrachloro-m-xylene | 107 | (60 - 140) |
| | 102 | (60 - 140) |

NOTE(S):

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

Bold print denotes control parameters

# MATRIX SPIKE SAMPLE DATA REPORT

## GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Client Lot #...: | E0L160148 | Work Order #...: | DRJWC1AE-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L150339-036 | | DRJWC1AF-MSD | | |
| Date Sampled...: | 12/15/00 14:20 | Date Received..: | 12/15/00 17:15 | MS Run #.....: | 0354157 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0353575 | Analysis Time..: | 04:01 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 356074 | Instrument ID..: | G01 |

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASRD AMOUNT | UNITS | PERCENT RECOVERY | RPD | METHOD |
|---|---|---|---|---|---|---|---|
| TPH (as Diesel) | | 250 | 194 | mg/kg | 78 | | SW846 8015B |
| | | 250 | 193 | mg/kg | 77 | 0.68 | SW846 8015B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Benzo(a)pyrene | 81 | (60 - 130) |
| | 82 | (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

TOTAL Metals

**Client Lot #...:** E0L160148 **Matrix.....:** SOLID
**Date Sampled...:** 12/15/00 08:30 **Date Received..:** 12/15/00 17:50

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASURED AMOUNT | UNITS | PERCNT RECVRY | RPD | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|---|---|---|
| **MS Lot-Sample #:** E0L160148-001 **Prep Batch #...:** 0353339 | | | | | | | | | |
| Mercury | | | | | | | | | |
| | 0.032 | 0.167 | 0.190 | mg/kg | 95 | | SW846 7471A | 12/20-12/21/00 | DRKDF1A2 |
| | 0.032 | 0.167 | 0.197 | mg/kg | 99 | 3.4 | SW846 7471A | 12/20-12/21/00 | DRKDF1A3 |

Dilution Factor: 1
Analysis Time..: 15:01 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 0353168

**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 #...: | E0L160148 | Work Order #...: | DRKDF1A4-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L160148-001 | | DRKDF1A5-MSD | | |
| Date Sampled...: | 12/15/00 08:30 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0358065 |
| Prep Date.....: | 12/23/00 | Analysis Date..: | 12/23/00 | | |
| Prep Batch #...: | 0358183 | Analysis Time..: | 13:20 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 015590 | Instrument ID..: | MSD |

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASRD AMOUNT | UNITS | PERCENT RECOVERY | RPD | METHOD |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | ND | 50.0 | 52.7 | ug/kg | 105 | | SW846 8260B |
| | ND | 50.0 | 46.2 | ug/kg | 92 | 13 | SW846 8260B |
| Benzene | ND | 50.0 | 48.3 | ug/kg | 97 | | SW846 8260B |
| | ND | 50.0 | 41.9 | ug/kg | 84 | 14 | SW846 8260B |
| Trichloroethene | ND | 50.0 | 55.6 | ug/kg | 111 | | SW846 8260B |
| | ND | 50.0 | 47.2 | ug/kg | 94 | 16 | SW846 8260B |
| Toluene | ND | 50.0 | 46.1 | ug/kg | 92 | | SW846 8260B |
| | ND | 50.0 | 39.2 | ug/kg | 78 | 16 | SW846 8260B |
| Chlorobenzene | ND | 50.0 | 47.8 | ug/kg | 96 | | SW846 8260B |
| | ND | 50.0 | 40.5 | ug/kg | 81 | 17 | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 81 | (70 - 130) |
| | 77 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 106 | (60 - 140) |
| | 104 | (60 - 140) |
| Toluene-d8 | 90 | (70 - 130) |
| | 87 | (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 #...: | E0L160148 | Work Order #...: | DRKEE1A2-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L160148-008 | | DRKEE1A3-MSD | | |
| Date Sampled...: | 12/15/00 09:45 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 01:43 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 001464 | Instrument ID..: | G15 |

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASRD AMOUNT | UNITS | PERCENT RECOVERY | RPD | METHOD |
|---|---|---|---|---|---|---|---|
| TPH (as Gasoline) | | 5.00 | 5.57 | mg/kg | 111 | | SW846 8015B |
| | | 5.00 | 5.52 | mg/kg | 110 | 0.87 | SW846 8015B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 109 | (60 - 130) |
| | 104 | (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 #...: | E0L160148 | Work Order #...: | DRKFL1AE-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L160148-023 | | DRKFL1AF-MSD | | |
| Date Sampled...: | 12/15/00 14:15 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0359005 |
| Prep Date.....: | 12/23/00 | Analysis Date..: | 12/23/00 | | |
| Prep Batch #...: | 0359097 | Analysis Time..: | 23:33 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 015590 | Instrument ID..: | MSD |

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASRD AMOUNT | UNITS | PERCENT RECOVERY | RPD | METHOD |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | ND | 50.0 | 48.4 | ug/kg | 97 | | SW846 8260B |
| | ND | 50.0 | 48.9 | ug/kg | 98 | 1.1 | SW846 8260B |
| Benzene | ND | 50.0 | 46.1 | ug/kg | 92 | | SW846 8260B |
| | ND | 50.0 | 45.2 | ug/kg | 90 | 2.0 | SW846 8260B |
| Trichloroethene | ND | 50.0 | 50.8 | ug/kg | 102 | | SW846 8260B |
| | ND | 50.0 | 50.8 | ug/kg | 102 | 0.05 | SW846 8260B |
| Toluene | ND | 50.0 | 45.7 | ug/kg | 91 | | SW846 8260B |
| | ND | 50.0 | 45.8 | ug/kg | 92 | 0.28 | SW846 8260B |
| Chlorobenzene | ND | 50.0 | 47.8 | ug/kg | 96 | | SW846 8260B |
| | ND | 50.0 | 48.0 | ug/kg | 96 | 0.33 | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 80 | (70 - 130) |
| | 81 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 99 | (60 - 140) |
| | 99 | (60 - 140) |
| Toluene-d8 | 89 | (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 #...: | E0L160148 | Work Order #...: | DRKFM1AE-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L160148-024 | | DRKFM1AF-MSD | | |
| Date Sampled...: | 12/15/00 14:25 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357224 |
| Prep Date.....: | 12/21/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0357457 | Analysis Time..: | 04:48 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 001464 | Instrument ID..: | G15 |

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASRD AMOUNT | UNITS | PERCENT RECOVERY | RPD | METHOD |
|---|---|---|---|---|---|---|---|
| TPH (as Gasoline) | | 5.00 | 5.85 | mg/kg | 117 | | SW846 8015B |
| | | 5.00 | 6.09 | mg/kg | 122 | 4.0 | SW846 8015B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 114 | (60 - 130) |
| | 116 | (60 - 130) |

NOTE(S):

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

Bold print denotes control parameters

# MATRIX SPIKE SAMPLE DATA REPORT

## GC/MS Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Client Lot #...: | E0L160148 | Work Order #...: | DRMTN1AE-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L190131-012 | | DRMTN1AF-MSD | | |
| Date Sampled...: | 12/18/00 09:55 | Date Received..: | 12/18/00 17:55 | MS Run #.....: | 0362154 |
| Prep Date.....: | 12/26/00 | Analysis Date..: | 12/26/00 | | |
| Prep Batch #...: | 0362319 | Analysis Time..: | 12:41 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 999998 | Instrument ID..: | MSD |

| PARAMETER | SAMPLE AMOUNT | SPIKE AMT | MEASRD AMOUNT | UNITS | PERCENT RECOVERY | RPD | METHOD |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | ND | 50.0 | 47.0 | ug/kg | 94 | | SW846 8260B |
| | ND | 50.0 | 39.0 | ug/kg | 78 | 19 | SW846 8260B |
| Benzene | ND | 50.0 | 47.6 | ug/kg | 95 | | SW846 8260B |
| | ND | 50.0 | 42.9 | ug/kg | 86 | 10 | SW846 8260B |
| Trichloroethene | ND | 50.0 | 55.3 | ug/kg | 111 | | SW846 8260B |
| | ND | 50.0 | 49.0 | ug/kg | 98 | 12 | SW846 8260B |
| Toluene | ND | 50.0 | 46.3 | ug/kg | 93 | | SW846 8260B |
| | ND | 50.0 | 43.6 | ug/kg | 87 | 6.2 | SW846 8260B |
| Chlorobenzene | ND | 50.0 | 46.2 | ug/kg | 92 | | SW846 8260B |
| | ND | 50.0 | 43.8 | ug/kg | 88 | 5.2 | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 87 | (70 - 130) |
| | 84 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 102 | (60 - 140) |
| | 89 | (60 - 140) |
| Toluene-d8 | 92 | (70 - 130) |
| | 86 | (70 - 130) |

**NOTE(S):**

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

Bold print denotes control parameters

## MATRIX SPIKE SAMPLE EVALUATION REPORT

### TOTAL Metals

**Client Lot #...:** E0L160148 **Matrix.....:** SOLID
**Date Sampled...:** 12/13/00 13:30 **Date Received..:** 12/14/00 10:00

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|---|
| **MS Lot-Sample #:** E0L140336-001 **Prep Batch #...:** 0353332 | | | | | | | |
| Aluminum | NC | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91C4 |
| | NC | (80 - 120) | | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91C5 |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Arsenic | 89 | (75 - 115) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91A1 |
| | 88 | (75 - 115) | 0.73 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91A2 |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Antimony | 47 N | (75 - 115) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91A3 |
| | 48 N | (75 - 115) | 2.4 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91A4 |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Barium | 99 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91A5 |
| | 97 | (80 - 120) | 1.7 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91A6 |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Cadmium | 94 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91A7 |
| | 93 | (80 - 120) | 1.0 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91A8 |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Chromium | 86 | (85 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91A9 |
| | 86 | (85 - 120) | 0.09 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91CA |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Beryllium | 96 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91CC |
| | 95 | (80 - 120) | 0.28 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91CD |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E0L160148 Matrix.....: SOLID
Date Sampled...: 12/13/00 13:30 Date Received..: 12/14/00 10:00

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|---|
| Lead | 91 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91CE |
| | 91 | (80 - 120) | 0.48 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91CF |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Selenium | 88 | (70 - 115) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91CG |
| | 88 | (70 - 115) | 0.49 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91CH |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Silver | 89 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91CJ |
| | 89 | (80 - 120) | 0.24 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91CK |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Cobalt | 97 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91CL |
| | 96 | (80 - 120) | 0.67 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91CM |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Copper | 96 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91CN |
| | 97 | (80 - 120) | 0.97 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91CP |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Molybdenum | 92 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91CQ |
| | 92 | (80 - 120) | 0.32 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91CR |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Nickel | 95 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91CT |
| | 94 | (80 - 120) | 0.52 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91CU |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Thallium | 94 | (75 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91CV |
| | 94 | (75 - 120) | 0.19 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91CW |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |

(Continued on next page)

## MATRIX SPIKE SAMPLE EVALUATION REPORT

### TOTAL Metals

Client Lot #...: E0L160148 Matrix.....: SOLID
Date Sampled...: 12/13/00 13:30 Date Received..: 12/14/00 10:00

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|---|
| Vanadium | 100 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91CX |
| | 98 | (80 - 120) | 1.3 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91C0 |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |
| Zinc | 97 | (80 - 120) | | | SW846 6010B | 12/19-12/20/00 | DRFQ91C1 |
| | 98 | (80 - 120) | 1.1 | (0-25) | SW846 6010B | 12/19-12/20/00 | DRFQ91C2 |
| | | Dilution Factor: 1 | | | | | |
| | | Analysis Time..: 19:00 | | | Instrument ID..: M01 | Analyst ID.....: 003119 | |
| | | MS Run #.....: 0353166 | | | | | |

**NOTE(S):**

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

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

# MATRIX SPIKE SAMPLE EVALUATION REPORT

## GC/MS Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Client Lot #...: | E0L160148 | Work Order #...: | DRF7G1A1-MS | Matrix.....: | WATER |
| MS Lot-Sample #: | E0L140365-002 | | DRF7G1A2-MSD | | |
| Date Sampled...: | 12/14/00 13:20 | Date Received..: | 12/14/00 18:08 | MS Run #.....: | 0358024 |
| Prep Date.....: | 12/21/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0358125 | Analysis Time..: | 19:03 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 004648 | Instrument ID..: | MSC |

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD |
|---|---|---|---|---|---|
| Benzene | 106 | (75 - 120) | | | SW846 8260B |
| | 101 | (75 - 120) | 5.0 | (0-25) | SW846 8260B |
| 1,1-Dichloroethene | 98 | (70 - 130) | | | SW846 8260B |
| | 90 | (70 - 130) | 7.7 | (0-25) | SW846 8260B |
| Chlorobenzene | 97 | (80 - 120) | | | SW846 8260B |
| | 94 | (80 - 120) | 2.9 | (0-25) | SW846 8260B |
| Toluene | 102 | (80 - 120) | | | SW846 8260B |
| | 99 | (80 - 120) | 3.8 | (0-25) | SW846 8260B |
| Trichloroethene | 89 | (75 - 130) | | | SW846 8260B |
| | 83 | (75 - 130) | 4.3 | (0-25) | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 99 | (75 - 120) |
| | 97 | (75 - 120) |
| 1,2-Dichloroethane-d4 | 93 | (65 - 130) |
| | 90 | (65 - 130) |
| Toluene-d8 | 108 | (80 - 130) |
| | 104 | (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

## GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Client Lot #...: | E0L160148 | Work Order #...: | DRJVJ1A4-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L150339-018 | | DRJVJ1A5-MSD | | |
| Date Sampled...: | 12/15/00 10:05 | Date Received..: | 12/15/00 17:15 | MS Run #.....: | 0354126 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/19/00 | | |
| Prep Batch #...: | 0353564 | Analysis Time..: | 16:35 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 018568 | Instrument ID..: | G8B |

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD |
|---|---|---|---|---|---|
| Aroclor 1016 | 109 | (65 - 130) | | | SW846 8082 |
| | 105 | (65 - 130) | 4.3 | (0-30) | SW846 8082 |
| Aroclor 1260 | 107 | (70 - 130) | | | SW846 8082 |
| | 103 | (70 - 130) | 3.8 | (0-30) | SW846 8082 |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Decachlorobiphenyl | 90 | (60 - 140) |
| | 81 | (60 - 140) |
| Tetrachloro-m-xylene | 107 | (60 - 140) |
| | 102 | (60 - 140) |

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

| | | | | | |
|---|---|---|---|---|---|
| Client Lot #...: | E0L160148 | Work Order #...: | DRJWC1AE-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L150339-036 | | DRJWC1AF-MSD | | |
| Date Sampled...: | 12/15/00 14:20 | Date Received..: | 12/15/00 17:15 | MS Run #.....: | 0354157 |
| Prep Date.....: | 12/18/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0353575 | Analysis Time..: | 04:01 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 356074 | Instrument ID..: | G01 |

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD |
|---|---|---|---|---|---|
| TPH (as Diesel) | 78 | (60 - 130) | | | SW846 8015B |
| | 77 | (60 - 130) | 0.68 | (0-35) | SW846 8015B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Benzo(a)pyrene | 81 | (60 - 130) |
| | 82 | (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

TOTAL Metals

Client Lot #...: E0L160148 Matrix.....: SOLID
Date Sampled...: 12/15/00 08:30 Date Received..: 12/15/00 17:50

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD | PREPARATION-ANALYSIS DATE | WORK ORDER # |
|---|---|---|---|---|---|---|---|
| **MS Lot-Sample #:** E0L160148-001 **Prep Batch #...:** 0353339 | | | | | | | |
| Mercury | 95 | (80 - 120) | | | SW846 7471A | 12/20-12/21/00 | DRKDF1A2 |
| | 99 | (80 - 120) | 3.4 | (0-20) | SW846 7471A | 12/20-12/21/00 | DRKDF1A3 |

Dilution Factor: 1
Analysis Time..: 15:01 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 0353168

NOTE(S):

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

# MATRIX SPIKE SAMPLE EVALUATION REPORT

## GC/MS Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Client Lot #...: | E0L160148 | Work Order #...: | DRKDF1A4-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L160148-001 | | DRKDF1A5-MSD | | |
| Date Sampled...: | 12/15/00 08:30 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0358065 |
| Prep Date.....: | 12/23/00 | Analysis Date..: | 12/23/00 | | |
| Prep Batch #...: | 0358183 | Analysis Time..: | 13:20 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 015590 | Instrument ID..: | MSD |

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD |
|---|---|---|---|---|---|
| 1,1-Dichloroethene | 105 | (60 - 150) | | | SW846 8260B |
| | 92 | (60 - 150) | 13 | (0-30) | SW846 8260B |
| Benzene | 97 | (70 - 140) | | | SW846 8260B |
| | 84 | (70 - 140) | 14 | (0-30) | SW846 8260B |
| Trichloroethene | 111 | (70 - 130) | | | SW846 8260B |
| | 94 | (70 - 130) | 16 | (0-30) | SW846 8260B |
| Toluene | 92 | (70 - 130) | | | SW846 8260B |
| | 78 | (70 - 130) | 16 | (0-30) | SW846 8260B |
| Chlorobenzene | 96 | (70 - 130) | | | SW846 8260B |
| | 81 | (70 - 130) | 17 | (0-30) | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 81 | (70 - 130) |
| | 77 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 106 | (60 - 140) |
| | 104 | (60 - 140) |
| Toluene-d8 | 90 | (70 - 130) |
| | 87 | (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 #...: | E0L160148 | Work Order #...: | DRKEE1A2-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L160148-008 | | DRKEE1A3-MSD | | |
| Date Sampled...: | 12/15/00 09:45 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357225 |
| Prep Date.....: | 12/20/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0357455 | Analysis Time..: | 01:43 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 001464 | Instrument ID..: | G15 |

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD |
|---|---|---|---|---|---|
| TPH (as Gasoline) | 111 | (80 - 140) | | | SW846 8015B |
| | 110 | (80 - 140) | 0.87 | (0-40) | SW846 8015B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 109 | (60 - 130) |
| | 104 | (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 #...: | E0L160148 | Work Order #...: | DRKFL1AE-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L160148-023 | | DRKFL1AF-MSD | | |
| Date Sampled...: | 12/15/00 14:15 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0359005 |
| Prep Date.....: | 12/23/00 | Analysis Date..: | 12/23/00 | | |
| Prep Batch #...: | 0359097 | Analysis Time..: | 23:33 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 015590 | Instrument ID..: | MSD |

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD |
|---|---|---|---|---|---|
| 1,1-Dichloroethene | 97 | (60 - 150) | | | SW846 8260B |
| | 98 | (60 - 150) | 1.1 | (0-30) | SW846 8260B |
| Benzene | 92 | (70 - 140) | | | SW846 8260B |
| | 90 | (70 - 140) | 2.0 | (0-30) | SW846 8260B |
| Trichloroethene | 102 | (70 - 130) | | | SW846 8260B |
| | 102 | (70 - 130) | 0.05 | (0-30) | SW846 8260B |
| Toluene | 91 | (70 - 130) | | | SW846 8260B |
| | 92 | (70 - 130) | 0.28 | (0-30) | SW846 8260B |
| Chlorobenzene | 96 | (70 - 130) | | | SW846 8260B |
| | 96 | (70 - 130) | 0.33 | (0-30) | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 80 | (70 - 130) |
| | 81 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 99 | (60 - 140) |
| | 99 | (60 - 140) |
| Toluene-d8 | 89 | (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 #...: | E0L160148 | Work Order #...: | DRKFM1AE-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L160148-024 | | DRKFM1AF-MSD | | |
| Date Sampled...: | 12/15/00 14:25 | Date Received..: | 12/15/00 17:50 | MS Run #.....: | 0357224 |
| Prep Date.....: | 12/21/00 | Analysis Date..: | 12/21/00 | | |
| Prep Batch #...: | 0357457 | Analysis Time..: | 04:48 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 001464 | Instrument ID..: | G15 |

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD |
|---|---|---|---|---|---|
| TPH (as Gasoline) | 117 | (80 - 140) | | | SW846 8015B |
| | 122 | (80 - 140) | 4.0 | (0-40) | SW846 8015B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| a,a,a-Trifluorotoluene (TFT) | 114 | (60 - 130) |
| | 116 | (60 - 130) |

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

| | | | | | |
|---|---|---|---|---|---|
| Client Lot #...: | E0L160148 | Work Order #...: | DRMTN1AE-MS | Matrix.....: | SOLID |
| MS Lot-Sample #: | E0L190131-012 | | DRMTN1AF-MSD | | |
| Date Sampled...: | 12/18/00 09:55 | Date Received..: | 12/18/00 17:55 | MS Run #.....: | 0362154 |
| Prep Date.....: | 12/26/00 | Analysis Date..: | 12/26/00 | | |
| Prep Batch #...: | 0362319 | Analysis Time..: | 12:41 | | |
| Dilution Factor: | 1 | Analyst ID.....: | 999998 | Instrument ID..: | MSD |

| PARAMETER | PERCENT RECOVERY | RECOVERY LIMITS | RPD | RPD LIMITS | METHOD |
|---|---|---|---|---|---|
| 1,1-Dichloroethene | 94 | (60 - 150) | | | SW846 8260B |
| | 78 | (60 - 150) | 19 | (0-30) | SW846 8260B |
| Benzene | 95 | (70 - 140) | | | SW846 8260B |
| | 86 | (70 - 140) | 10 | (0-30) | SW846 8260B |
| Trichloroethene | 111 | (70 - 130) | | | SW846 8260B |
| | 98 | (70 - 130) | 12 | (0-30) | SW846 8260B |
| Toluene | 93 | (70 - 130) | | | SW846 8260B |
| | 87 | (70 - 130) | 6.2 | (0-30) | SW846 8260B |
| Chlorobenzene | 92 | (70 - 130) | | | SW846 8260B |
| | 88 | (70 - 130) | 5.2 | (0-30) | SW846 8260B |

| SURROGATE | PERCENT RECOVERY | RECOVERY LIMITS |
|---|---|---|
| Bromofluorobenzene | 87 | (70 - 130) |
| | 84 | (70 - 130) |
| 1,2-Dichloroethane-d4 | 102 | (60 - 140) |
| | 89 | (60 - 140) |
| Toluene-d8 | 92 | (70 - 130) |
| | 86 | (70 - 130) |

NOTE(S):

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

Bold print denotes control parameters