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

November 3, 2000

STL LOT NUMBER: **E0J120324**

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

Dear Rus Purcell,

This report contains the analytical results for the 28 samples received under chain of custody by STL Los Angeles on October 12, 2000. These samples are associated with your Boeing C6 project.

All applicable quality control procedures met method-specified acceptance criteria except as noted on the following page. 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

LOT NUMBER E0J120324

Nonconformance E01046

SEVERN TRENT SERVICES

STL Los Angeles

Affected Samples:
11: C-2-143-10
16: C-2-145-6
20: C-2-147-5
21: C-2-147-10
22: C-2-147-15
23: C-2-148-5
25: 2-149-5

Affected Methods:
8015 TEPH

Case Narrative:
The closing CCV for these samples was out high (52%D) for C40+,

Corrective Action:
The samples were analyzed twice with similar results. Results were reported as measured.

SEVERN TRENT LABORATORIES

Committed To *Your* Success

No. 203038

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME/NUMBER: 004032.01
SEND REPORT TO: Jay Knight	**BILLING INFORMATION**
ADDRESS: 2151 Michelson Dr. Ste 100	BILL TO:
Irvine, Ca 92612	ADDRESS:
PHONE: 949-261-1577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO. EOJ120324

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 METALS	8015 TPH	8082 PCB'S					REMARKS/PRECAUTIONS
	C-2-139-2	10-12-00	8:10	Soil	Poly Liner	ICE	1	X	X	X						
	C-2-139-5		8:15													
	C-2-139-10		8:20					X	X	X						
	C-2-140-1		8:35													
	C-2-140-5		8:40					X	X	X						
	C-2-141-5		9:13					X	X	X						
	C-2-141-10		9:17					X	X	X						
	C-2-142-1		9:40					X	X	X						
	C-2-142-5		9:45					X	X	X						
	C-2-143-5		10:10				1	X	X	X						

SAMPLER: Tim

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: Tim Dosh	10-12-00	SIGNATURE: [illegible]	10-12-00	SIGNATURE:	
PRINTED NAME/COMPANY: Tim Dosh K/J	TIME 1600	PRINTED NAME/COMPANY: Frank Jobrez Dependable	TIME 1650	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	**DATE**	**2. RECEIVED BY:**	**DATE**	**3. RECEIVED BY:**	**DATE**
SIGNATURE: [illegible]	10-12-00	SIGNATURE: Adolfo Villalobos	10/12	SIGNATURE:	
PRINTED NAME/COMPANY: Frank Jobrez	TIME 16:00	PRINTED NAME/COMPANY: STC	TIME 16.50	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES
1721 South Grand Avenue
Santa Ana, CA 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

000003

BOE-C6-0126663

SEVERN TRENT LABORATORIES

Committed To *Your* Success

No. 203039

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME/NUMBER: 004032.01
SEND REPORT TO: JAY Knight	BILLING INFORMATION
ADDRESS: 2151 Michelson Dr. Ste 100	BILL TO:
Irvine Ca 92612	ADDRESS:
PHONE: 949-261-1577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO. EB01203254

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 METALS	8015 TPH	8082 PCBS	CR 6+	PH			REMARKS/PRECAUTIONS
	C-2-143-10	10-12-00	10:15	Soil	Poly	ICE	1	X	X	X						
	C-2-144-1		10:20						X			X				
	C-2-144-5		10:25													
	C-2-144-10		10:35													
	C-2-144-15		11:00						X			X				
	C-2-145-10		12:00					X		X						
	C-2-145-15															No sample (R)
	C-2-145-20															No sample (R)
	C-2-146-1		12:40					X	X				X			
	C-2-146-5	10-12-00	12:45	Soil	Poly	ICE	1	X	X				X			

SAMPLER: TIM

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: T. Doyle	10-12-00	SIGNATURE: [illegible]	10/12/00	SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle KJ	TIME 1600	PRINTED NAME/COMPANY: Frank Alvarez	TIME 16:50	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	**DATE**	**2. RECEIVED BY:**	**DATE**	**3. RECEIVED BY:**	**DATE**
SIGNATURE: [illegible]	10/12/00	SIGNATURE: ADOLFO VILLALOBOS	10/12	SIGNATURE:	
PRINTED NAME/COMPANY: FRANK ALVAREZ	TIME 16:00	PRINTED NAME/COMPANY: STC	TIME 16:50	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES
1721 South Grand Avenue
Santa Ana, CA 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

000004

BOE-C6-0126664

STL Committed To *Your* Success

SEVERN TRENT LABORATORIES

No. 203040

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy Jenks	PROJECT NAME/NUMBER: 004032.01
SEND REPORT TO: Jay Knight	**BILLING INFORMATION**
ADDRESS: 2151 MICHELSON Dr. Ste 100	BILL TO:
Irvine CA 92612	ADDRESS:
PHONE: 949-261-1577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO. EOT120324

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260 VOC	6010 METALS	8015 TPH	8082 PCBs	CRL+	PH			REMARKS/PRECAUTIONS
	C-2-146-10	10-12-00	12:50	Soil	Poly jar	ICE	1	X					X			
	C-2-147-5		13:10						X	X						
	C-2-147-10		13:15													
	C-2-147-15		13:17					X		X						
	C-2-148-5		13:30					X	X	X						
	C-2-148-10		13:43					X								
	2-149-5		15:00					X	X	X						
	2-149-10		15:15				1	X								
	C-2-10/12 Rinsate		15:30	W	VOA	ICE	2	X								
	Trip Blank	10-12-00	16:00	W	VOA	ICE	1	X								

SAMPLER: Tini

SHIPMENT METHOD:

AIRBILL NO.:

REQUIRED TURNAROUND* ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☐ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER

1. RELINQUISHED BY:	DATE	2. RELINQUISHED BY:	DATE	3. RELINQUISHED BY:	DATE
SIGNATURE: [signature]	10-12-00	SIGNATURE: [signature]	10/12/00	SIGNATURE:	
PRINTED NAME/COMPANY: Tim Doyle KJ	TIME 1600	PRINTED NAME/COMPANY: Frank Alvarez	TIME 1650	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY:	**DATE**	**2. RECEIVED BY:**	**DATE**	**3. RECEIVED BY:**	**DATE**
SIGNATURE: [signature]	10/12/00	SIGNATURE: Apollo Villalobos	10/12	SIGNATURE:	
PRINTED NAME/COMPANY: Frank Alvarez	TIME 1600	PRINTED NAME/COMPANY: STL	TIME 1650	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES
1721 South Grand Avenue
Santa Ana, CA 92705
Phone: (714) 258-8610 / Fax: (714) 258-0921

000005

BOE-C6-0126665

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 10-12-00

Quantims Lot #: EOJ120324
Client Name: KENNEDY JENKS
Received by:

Quote #:
Project: 004032.01
Date/Time Received: 10/12 16:50

Delivered by : ☐Client ☐Airborne ☐Fed Ex ☐DHL ☐Ultra-Ex ☐Rey B. ☐UPS ☒DES ☐Other

Initial / Date

Custody Seal Status: ☐Intact ☐Broken ☒None ..... AV 10/12
Custody Seal #(s): ☐No Seal # .....
Sample Container(s): ☐STL-LA ☐Client ☒N/A .....
Temperature(s) (COOLER/BLANK) in °C: 6°.0 NOTB/AV (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 10/12
Short-Hold Notification: ☐Ph ☐Wet Chem ☐Metals (Filter/Pres) ☐Encore ☐N/A ...
Outside Analysis(es) (Test/Lab/Date Sent Out) :

LEAVE NO BLANK SPACES ; USE N/A

Fraction	1 to 26	27	28								PH
VOAh *		2	1								N/A
Plastic Sleeve	1										

h:HCl na:Sodium Hydroxide znna:Zinc Acetate/Sodium Hydroxide s: H2SO4 n:HNO3 n/f:HNO3-Field filtered n/fl:HNO3-Lab filtered
CGJ:Clear Glass Jar CGB:Clear Glass Bottle AGJ:Amber Glass Jar AGB:Amber Glass Bottle PB: Poly Bottle E:Encore Sampler V:VOA
* Number of VOA's w/ Headspace present

LOGGED BY/DATE: LMC REVIEWED BY/DATE: 10/13/00

PRC Ver. 1 030200 KJP

000006

BOE-C6-0126666

STL Los Angeles

Condition Upon Receipt Anomaly Report (CUR)

Client: KENNEDY JENKS Date/Time 10-12-00

Lot No: EOJ 120 324 Initiated by: AV

Affected samples Chain of Custody #

Client ID	Lab ID	Analyses Requested
C-2-139-15 on Sample		
C-2-139-10 on COC	"EXTRA" on label	
labelled as #3		

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: ~~Name~~ on sample label different to COC
- **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: Log as on COC

Corrective Action Implemented:

☐ Client Informed: verbally on _____ By: _____ In writing on _____ By: _____

☐ Sample(s) processed "as is." _____

☐ Sample(s) on hold until: _____ If released, notify: _____

Sample Control Supervisor Review: _____ Date: _____

Project Management Review: _____ Date: _____

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

* See Back

ANALYTICAL REPORT

PROJECT NO. 004032.01

Boeing C6

Lot #: E0J120324

Rus Purcell

Kennedy/Jenks Consultants

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

October 31, 2000

000008

EXECUTIVE SUMMARY - Detection Highlights

E0J120324

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-139-2 10/12/00 08:10 001				
C16-C17	60	50	mg/kg	SW846 8015B
C18-C19	55	50	mg/kg	SW846 8015B
C20-C23	46 J	50	mg/kg	SW846 8015B
C24-C27	69	50	mg/kg	SW846 8015B
C28-C31	81	50	mg/kg	SW846 8015B
C32-C35	53	50	mg/kg	SW846 8015B
Total Carbon Chain Range	390	50	mg/kg	SW846 8015B
Mercury	0.022 B	0.10	mg/kg	SW846 7471A
Aluminum	11400	20.0	mg/kg	SW846 6010B
Arsenic	2.2	1.0	mg/kg	SW846 6010B
Antimony	0.26 B	6.0	mg/kg	SW846 6010B
Barium	103	2.0	mg/kg	SW846 6010B
Cadmium	0.32 B	0.50	mg/kg	SW846 6010B
Chromium	17.1	1.0	mg/kg	SW846 6010B
Beryllium	0.39 B	0.50	mg/kg	SW846 6010B
Lead	10.3	0.50	mg/kg	SW846 6010B
Cobalt	7.8	5.0	mg/kg	SW846 6010B
Copper	19.8	2.5	mg/kg	SW846 6010B
Molybdenum	0.36 B	4.0	mg/kg	SW846 6010B
Nickel	10.4	4.0	mg/kg	SW846 6010B
Vanadium	29.5	5.0	mg/kg	SW846 6010B
Zinc	54.9	2.0	mg/kg	SW846 6010B
Acetone	26	25	ug/kg	SW846 8260B
Trichloroethene	11	5.0	ug/kg	SW846 8260B
C-2-139-5 10/12/00 08:15 002				
Mercury	0.053 B	0.10	mg/kg	SW846 7471A
Aluminum	30100	20.0	mg/kg	SW846 6010B
Arsenic	3.4	1.0	mg/kg	SW846 6010B
Antimony	0.26 B	6.0	mg/kg	SW846 6010B
Barium	205	2.0	mg/kg	SW846 6010B
Cadmium	0.15 B	0.50	mg/kg	SW846 6010B
Chromium	34.8	1.0	mg/kg	SW846 6010B
Beryllium	0.86	0.50	mg/kg	SW846 6010B
Lead	6.3	0.50	mg/kg	SW846 6010B
Cobalt	12.4	5.0	mg/kg	SW846 6010B
Copper	23.7	2.5	mg/kg	SW846 6010B
Nickel	21.9	4.0	mg/kg	SW846 6010B
Thallium	0.79 B	1.0	mg/kg	SW846 6010B
Vanadium	64.6	5.0	mg/kg	SW846 6010B
Zinc	71.3	2.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J120324

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-139-10 10/12/00 08:20 003				
Total Carbon Chain Range	6.0 J	10	mg/kg	SW846 8015B
Mercury	0.062 B	0.10	mg/kg	SW846 7471A
Aluminum	20800	20.0	mg/kg	SW846 6010B
Arsenic	4.6	1.0	mg/kg	SW846 6010B
Barium	147	2.0	mg/kg	SW846 6010B
Cadmium	0.22 B	0.50	mg/kg	SW846 6010B
Chromium	29.3	1.0	mg/kg	SW846 6010B
Beryllium	0.61	0.50	mg/kg	SW846 6010B
Lead	6.9	0.50	mg/kg	SW846 6010B
Cobalt	12.5	5.0	mg/kg	SW846 6010B
Copper	28.9	2.5	mg/kg	SW846 6010B
Molybdenum	0.39 B	4.0	mg/kg	SW846 6010B
Nickel	23.2	4.0	mg/kg	SW846 6010B
Vanadium	57.4	5.0	mg/kg	SW846 6010B
Zinc	69.9	2.0	mg/kg	SW846 6010B
C-2-140-1 10/12/00 08:35 004				
C18-C19	68 J	100	mg/kg	SW846 8015B
C20-C23	220	100	mg/kg	SW846 8015B
C24-C27	470	100	mg/kg	SW846 8015B
C28-C31	1000	100	mg/kg	SW846 8015B
C32-C35	69 J	100	mg/kg	SW846 8015B
C36-C39	140	100	mg/kg	SW846 8015B
Total Carbon Chain Range	2000	100	mg/kg	SW846 8015B
Aluminum	13800	20.0	mg/kg	SW846 6010B
Arsenic	5.1	1.0	mg/kg	SW846 6010B
Antimony	0.25 B	6.0	mg/kg	SW846 6010B
Barium	112	2.0	mg/kg	SW846 6010B
Cadmium	0.31 B	0.50	mg/kg	SW846 6010B
Chromium	19.3	1.0	mg/kg	SW846 6010B
Beryllium	0.48 B	0.50	mg/kg	SW846 6010B
Lead	12.7	0.50	mg/kg	SW846 6010B
Cobalt	12.0	5.0	mg/kg	SW846 6010B
Copper	29.7	2.5	mg/kg	SW846 6010B
Molybdenum	0.45 B	4.0	mg/kg	SW846 6010B
Nickel	12.7	4.0	mg/kg	SW846 6010B
Thallium	1.0	1.0	mg/kg	SW846 6010B
Vanadium	37.1	5.0	mg/kg	SW846 6010B
Zinc	65.2	2.0	mg/kg	SW846 6010B
Trichloroethene	22	5.0	ug/kg	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J120324

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-140-5 10/12/00 08:40 005				
Aluminum	23600	20.0	mg/kg	SW846 6010B
Arsenic	3.8	1.0	mg/kg	SW846 6010B
Barium	121	2.0	mg/kg	SW846 6010B
Chromium	25.8	1.0	mg/kg	SW846 6010B
Beryllium	0.67	0.50	mg/kg	SW846 6010B
Lead	4.7	0.50	mg/kg	SW846 6010B
Cobalt	10.1	5.0	mg/kg	SW846 6010B
Copper	18.1	2.5	mg/kg	SW846 6010B
Nickel	20.6	4.0	mg/kg	SW846 6010B
Vanadium	54.1	5.0	mg/kg	SW846 6010B
Zinc	63.2	2.0	mg/kg	SW846 6010B
C-2-141-5 10/12/00 09:13 006				
Mercury	0.11	0.10	mg/kg	SW846 7471A
Aluminum	25100	20.0	mg/kg	SW846 6010B
Arsenic	5.1	1.0	mg/kg	SW846 6010B
Barium	237	2.0	mg/kg	SW846 6010B
Cadmium	0.25 B	0.50	mg/kg	SW846 6010B
Chromium	33.6	1.0	mg/kg	SW846 6010B
Beryllium	0.71	0.50	mg/kg	SW846 6010B
Lead	6.7	0.50	mg/kg	SW846 6010B
Cobalt	11.9	5.0	mg/kg	SW846 6010B
Copper	21.8	2.5	mg/kg	SW846 6010B
Molybdenum	0.83 B	4.0	mg/kg	SW846 6010B
Nickel	21.1	4.0	mg/kg	SW846 6010B
Thallium	0.90 B	1.0	mg/kg	SW846 6010B
Vanadium	60.7	5.0	mg/kg	SW846 6010B
Zinc	70.7	2.0	mg/kg	SW846 6010B
Acetone	18 J	25	ug/kg	SW846 8260B
C-2-141-10 10/12/00 09:17 007				
C20-C23	5.5 J	10	mg/kg	SW846 8015B
C24-C27	13	10	mg/kg	SW846 8015B
C28-C31	16	10	mg/kg	SW846 8015B
C32-C35	13	10	mg/kg	SW846 8015B
C36-C39	8.8 J	10	mg/kg	SW846 8015B
Total Carbon Chain Range	62	10	mg/kg	SW846 8015B
Mercury	0.032 B	0.10	mg/kg	SW846 7471A
Aluminum	27300	20.0	mg/kg	SW846 6010B
Arsenic	6.2	1.0	mg/kg	SW846 6010B
Antimony	0.34 B	6.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J120324

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-141-10 10/12/00 09:17 007				
Barium	204	2.0	mg/kg	SW846 6010B
Cadmium	0.51	0.50	mg/kg	SW846 6010B
Chromium	35.3	1.0	mg/kg	SW846 6010B
Beryllium	0.85	0.50	mg/kg	SW846 6010B
Lead	7.7	0.50	mg/kg	SW846 6010B
Cobalt	15.8	5.0	mg/kg	SW846 6010B
Copper	38.4	2.5	mg/kg	SW846 6010B
Molybdenum	0.79 B	4.0	mg/kg	SW846 6010B
Nickel	30.3	4.0	mg/kg	SW846 6010B
Vanadium	71.3	5.0	mg/kg	SW846 6010B
Zinc	80.0	2.0	mg/kg	SW846 6010B
Acetone	16 J	25	ug/kg	SW846 8260B
Trichloroethene	2.1 J	5.0	ug/kg	SW846 8260B
C-2-142-1 10/12/00 09:40 008				
C24-C27	8.0 J	10	mg/kg	SW846 8015B
C28-C31	10	10	mg/kg	SW846 8015B
C32-C35	7.6 J	10	mg/kg	SW846 8015B
C36-C39	5.2 J	10	mg/kg	SW846 8015B
Total Carbon Chain Range	39	10	mg/kg	SW846 8015B
Aluminum	13100	20.0	mg/kg	SW846 6010B
Arsenic	3.7	1.0	mg/kg	SW846 6010B
Antimony	0.40 B	6.0	mg/kg	SW846 6010B
Barium	112	2.0	mg/kg	SW846 6010B
Cadmium	0.41 B	0.50	mg/kg	SW846 6010B
Chromium	21.6	1.0	mg/kg	SW846 6010B
Beryllium	0.47 B	0.50	mg/kg	SW846 6010B
Lead	12.6	0.50	mg/kg	SW846 6010B
Cobalt	9.3	5.0	mg/kg	SW846 6010B
Copper	19.3	2.5	mg/kg	SW846 6010B
Molybdenum	0.61 B	4.0	mg/kg	SW846 6010B
Nickel	11.5	4.0	mg/kg	SW846 6010B
Vanadium	35.9	5.0	mg/kg	SW846 6010B
Zinc	75.4	2.0	mg/kg	SW846 6010B
Trichloroethene	100	5.0	ug/kg	SW846 8260B
C-2-142-5 10/12/00 09:45 009				
Mercury	0.040 B	0.10	mg/kg	SW846 7471A
Aluminum	25100	20.0	mg/kg	SW846 6010B
Arsenic	4.5	1.0	mg/kg	SW846 6010B
Antimony	0.39 B	6.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J120324

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-142-5 10/12/00 09:45 009				
Barium	152	2.0	mg/kg	SW846 6010B
Chromium	28.4	1.0	mg/kg	SW846 6010B
Beryllium	0.78	0.50	mg/kg	SW846 6010B
Lead	6.1	0.50	mg/kg	SW846 6010B
Cobalt	12.3	5.0	mg/kg	SW846 6010B
Copper	19.1	2.5	mg/kg	SW846 6010B
Molybdenum	0.36 B	4.0	mg/kg	SW846 6010B
Nickel	21.4	4.0	mg/kg	SW846 6010B
Vanadium	62.8	5.0	mg/kg	SW846 6010B
Zinc	65.8	2.0	mg/kg	SW846 6010B
Methylene chloride	4.0 J	5.0	ug/kg	SW846 8260B
C-2-143-5 10/12/00 10:10 010				
Mercury	0.079 B	0.10	mg/kg	SW846 7471A
Aluminum	25800	20.0	mg/kg	SW846 6010B
Arsenic	4.1	1.0	mg/kg	SW846 6010B
Barium	104	2.0	mg/kg	SW846 6010B
Chromium	28.0	1.0	mg/kg	SW846 6010B
Beryllium	0.77	0.50	mg/kg	SW846 6010B
Lead	6.4	0.50	mg/kg	SW846 6010B
Cobalt	12.9	5.0	mg/kg	SW846 6010B
Copper	19.0	2.5	mg/kg	SW846 6010B
Nickel	22.1	4.0	mg/kg	SW846 6010B
Thallium	0.70 B	1.0	mg/kg	SW846 6010B
Vanadium	62.1	5.0	mg/kg	SW846 6010B
Zinc	61.5	2.0	mg/kg	SW846 6010B
Methylene chloride	3.3 J	5.0	ug/kg	SW846 8260B
C-2-143-10 10/12/00 10:15 011				
Mercury	0.032 B	0.10	mg/kg	SW846 7471A
Aluminum	24900	20.0	mg/kg	SW846 6010B
Arsenic	5.9	1.0	mg/kg	SW846 6010B
Barium	130	2.0	mg/kg	SW846 6010B
Cadmium	0.22 B	0.50	mg/kg	SW846 6010B
Chromium	31.9	1.0	mg/kg	SW846 6010B
Beryllium	0.76	0.50	mg/kg	SW846 6010B
Lead	6.8	0.50	mg/kg	SW846 6010B
Cobalt	13.6	5.0	mg/kg	SW846 6010B
Copper	33.7	2.5	mg/kg	SW846 6010B
Molybdenum	0.76 B	4.0	mg/kg	SW846 6010B
Nickel	26.7	4.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J120324

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-143-10 10/12/00 10:15 011				
Vanadium	67.6	5.0	mg/kg	SW846 6010B
Zinc	71.3	2.0	mg/kg	SW846 6010B
C-2-144-1 10/12/00 10:20 012				
Aluminum	23500	20.0	mg/kg	SW846 6010B
Arsenic	4.0	1.0	mg/kg	SW846 6010B
Antimony	0.47 B	6.0	mg/kg	SW846 6010B
Barium	149	2.0	mg/kg	SW846 6010B
Chromium	28.0	1.0	mg/kg	SW846 6010B
Beryllium	0.72	0.50	mg/kg	SW846 6010B
Lead	6.2	0.50	mg/kg	SW846 6010B
Cobalt	12.0	5.0	mg/kg	SW846 6010B
Copper	18.4	2.5	mg/kg	SW846 6010B
Molybdenum	0.42 B	4.0	mg/kg	SW846 6010B
Nickel	17.7	4.0	mg/kg	SW846 6010B
Thallium	0.78 B	1.0	mg/kg	SW846 6010B
Vanadium	56.3	5.0	mg/kg	SW846 6010B
Zinc	57.9	2.0	mg/kg	SW846 6010B
C-2-144-5 10/12/00 10:25 013				
Mercury	0.047 B	0.10	mg/kg	SW846 7471A
Aluminum	23800	20.0	mg/kg	SW846 6010B
Arsenic	4.1	1.0	mg/kg	SW846 6010B
Barium	135	2.0	mg/kg	SW846 6010B
Chromium	25.8	1.0	mg/kg	SW846 6010B
Beryllium	0.69	0.50	mg/kg	SW846 6010B
Lead	5.5	0.50	mg/kg	SW846 6010B
Cobalt	12.5	5.0	mg/kg	SW846 6010B
Copper	17.4	2.5	mg/kg	SW846 6010B
Molybdenum	0.46 B	4.0	mg/kg	SW846 6010B
Nickel	20.2	4.0	mg/kg	SW846 6010B
Thallium	0.72 B	1.0	mg/kg	SW846 6010B
Vanadium	59.9	5.0	mg/kg	SW846 6010B
Zinc	59.0	2.0	mg/kg	SW846 6010B
C-2-144-10 10/12/00 10:35 014				
Mercury	0.048 B	0.10	mg/kg	SW846 7471A
Aluminum	27300	20.0	mg/kg	SW846 6010B
Arsenic	5.9	1.0	mg/kg	SW846 6010B
Antimony	0.53 B	6.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J120324

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-144-10 10/12/00 10:35 014				
Barium	150	2.0	mg/kg	SW846 6010B
Cadmium	0.30 B	0.50	mg/kg	SW846 6010B
Chromium	37.5	1.0	mg/kg	SW846 6010B
Beryllium	0.85	0.50	mg/kg	SW846 6010B
Lead	6.6	0.50	mg/kg	SW846 6010B
Cobalt	13.1	5.0	mg/kg	SW846 6010B
Copper	34.5	2.5	mg/kg	SW846 6010B
Molybdenum	0.69 B	4.0	mg/kg	SW846 6010B
Nickel	26.1	4.0	mg/kg	SW846 6010B
Thallium	0.75 B	1.0	mg/kg	SW846 6010B
Vanadium	73.2	5.0	mg/kg	SW846 6010B
Zinc	80.5	2.0	mg/kg	SW846 6010B
C-2-144-15 10/12/00 11:00 015				
Mercury	0.028 B	0.10	mg/kg	SW846 7471A
Aluminum	22200	20.0	mg/kg	SW846 6010B
Arsenic	5.9	1.0	mg/kg	SW846 6010B
Antimony	0.38 B	6.0	mg/kg	SW846 6010B
Barium	171	2.0	mg/kg	SW846 6010B
Cadmium	0.13 B	0.50	mg/kg	SW846 6010B
Chromium	30.0	1.0	mg/kg	SW846 6010B
Beryllium	0.69	0.50	mg/kg	SW846 6010B
Lead	6.9	0.50	mg/kg	SW846 6010B
Cobalt	13.1	5.0	mg/kg	SW846 6010B
Copper	30.5	2.5	mg/kg	SW846 6010B
Molybdenum	0.36 B	4.0	mg/kg	SW846 6010B
Nickel	24.5	4.0	mg/kg	SW846 6010B
Thallium	0.82 B	1.0	mg/kg	SW846 6010B
Vanadium	58.4	5.0	mg/kg	SW846 6010B
Zinc	69.6	2.0	mg/kg	SW846 6010B
C-2-145-6 10/12/00 12:00 016				
Total Carbon Chain Range	5.9 J	10	mg/kg	SW846 8015B
C-2-146-1 10/12/00 12:40 017				
Mercury	0.040 B	0.10	mg/kg	SW846 7471A
Aluminum	21800	20.0	mg/kg	SW846 6010B
Arsenic	3.8	1.0	mg/kg	SW846 6010B
Barium	162	2.0	mg/kg	SW846 6010B
Cadmium	0.13 B	0.50	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J120324

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-146-1 10/12/00 12:40 017				
Chromium	26.0	1.0	mg/kg	SW846 6010B
Beryllium	0.72	0.50	mg/kg	SW846 6010B
Lead	7.1	0.50	mg/kg	SW846 6010B
Cobalt	12.0	5.0	mg/kg	SW846 6010B
Copper	22.1	2.5	mg/kg	SW846 6010B
Molybdenum	0.46 B	4.0	mg/kg	SW846 6010B
Nickel	19.5	4.0	mg/kg	SW846 6010B
Thallium	0.56 B	1.0	mg/kg	SW846 6010B
Vanadium	51.9	5.0	mg/kg	SW846 6010B
Zinc	62.8	2.0	mg/kg	SW846 6010B
Trichloroethene	4.3 J	5.0	ug/kg	SW846 8260B
pH (solid)	7.5	0.10	No Units	SW846 9045C
C-2-146-5 10/12/00 12:45 018				
Mercury	0.039 B	0.10	mg/kg	SW846 7471A
Aluminum	28100	20.0	mg/kg	SW846 6010B
Arsenic	4.0	1.0	mg/kg	SW846 6010B
Antimony	0.42 B	6.0	mg/kg	SW846 6010B
Barium	181	2.0	mg/kg	SW846 6010B
Chromium	32.3	1.0	mg/kg	SW846 6010B
Beryllium	0.92	0.50	mg/kg	SW846 6010B
Lead	6.2	0.50	mg/kg	SW846 6010B
Cobalt	12.2	5.0	mg/kg	SW846 6010B
Copper	18.2	2.5	mg/kg	SW846 6010B
Nickel	20.4	4.0	mg/kg	SW846 6010B
Thallium	0.81 B	1.0	mg/kg	SW846 6010B
Vanadium	61.9	5.0	mg/kg	SW846 6010B
Zinc	56.0	2.0	mg/kg	SW846 6010B
pH (solid)	7.4	0.10	No Units	SW846 9045C
C-2-146-10 10/12/00 12:50 019				
pH (solid)	8.2	0.10	No Units	SW846 9045C
C-2-147-5 10/12/00 13:10 020				
Mercury	0.040 B	0.10	mg/kg	SW846 7471A
Aluminum	22700	20.0	mg/kg	SW846 6010B
Arsenic	3.5	1.0	mg/kg	SW846 6010B
Barium	184	2.0	mg/kg	SW846 6010B
Cadmium	0.21 B	0.50	mg/kg	SW846 6010B
Chromium	27.3	1.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J120324

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C-2-147-5 10/12/00 13:10 020				
Beryllium	0.70	0.50	mg/kg	SW846 6010B
Lead	5.4	0.50	mg/kg	SW846 6010B
Cobalt	10.5	5.0	mg/kg	SW846 6010B
Copper	17.7	2.5	mg/kg	SW846 6010B
Nickel	18.5	4.0	mg/kg	SW846 6010B
Thallium	0.97 B	1.0	mg/kg	SW846 6010B
Vanadium	50.3	5.0	mg/kg	SW846 6010B
Zinc	49.6	2.0	mg/kg	SW846 6010B
C-2-147-15 10/12/00 13:17 022				
Total Carbon Chain Range	5.0 J	10	mg/kg	SW846 8015B
C-2-148-5 10/12/00 13:30 023				
Total Carbon Chain Range	5.6 J	10	mg/kg	SW846 8015B
Mercury	0.035 B	0.10	mg/kg	SW846 7471A
Aluminum	27800	20.0	mg/kg	SW846 6010B
Arsenic	4.3	1.0	mg/kg	SW846 6010B
Barium	185	2.0	mg/kg	SW846 6010B
Chromium	32.6	1.0	mg/kg	SW846 6010B
Beryllium	0.84	0.50	mg/kg	SW846 6010B
Lead	6.7	0.50	mg/kg	SW846 6010B
Cobalt	12.9	5.0	mg/kg	SW846 6010B
Copper	20.7	2.5	mg/kg	SW846 6010B
Molybdenum	0.59 B	4.0	mg/kg	SW846 6010B
Nickel	24.1	4.0	mg/kg	SW846 6010B
Vanadium	64.7	5.0	mg/kg	SW846 6010B
Zinc	67.8	2.0	mg/kg	SW846 6010B
2-149-5 10/12/00 15:00 025				
Mercury	0.079 B	0.10	mg/kg	SW846 7471A
Aluminum	30100	20.0	mg/kg	SW846 6010B
Arsenic	4.1	1.0	mg/kg	SW846 6010B
Barium	160	2.0	mg/kg	SW846 6010B
Cadmium	0.50	0.50	mg/kg	SW846 6010B
Chromium	35.1	1.0	mg/kg	SW846 6010B
Beryllium	0.83	0.50	mg/kg	SW846 6010B
Lead	5.7	0.50	mg/kg	SW846 6010B
Cobalt	10.3	5.0	mg/kg	SW846 6010B
Copper	22.3	2.5	mg/kg	SW846 6010B
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E0J120324

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
2-149-5 10/12/00 15:00 025				
Nickel	22.9	4.0	mg/kg	SW846 6010B
Vanadium	63.7	5.0	mg/kg	SW846 6010B
Zinc	64.8	2.0	mg/kg	SW846 6010B
Trichloroethene	42	5.0	ug/kg	SW846 8260B

BOE-C6-0126678