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 27, 2000

STL LOT NUMBER: **E0L160151**
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 four 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

BOE-C6-0124421

STL Committed To Your Success

SEVERN TRENT LABORATORIES

No. 203082

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy / Jenks	PROJECT NAME/NUMBER: 0040-34.00
SEND REPORT TO: Jay Knight	BILLING INFORMATION
ADDRESS: 2151 Michelson Dr. #100	BILL TO: Boeing Realty Corp.
Irvine CA. 92612	ADDRESS:
PHONE: 949-261-1577	PHONE:
FAX:	FAX: PO NO.:

LAB JOB NO.

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	8260B / VOCs	6000 / 7000 metals	REMARKS/PRECAUTIONS
	Build-1-J-4-121500-1	12-15-00	1000	Soil	2x6 brass	None		X	X	
	Build-1-J-4-121500-2	↓	1010	↓	↓	↓		X	X	
	Build-1-J-4-121500-3	↓	1020	↓	↓	↓		X	X	
	Build-1-H-7-121500-1	↓	1330	↓	1x6" Poly	↓		X	X	

SAMPLER: SHIPMENT METHOD: AIRBILL NO.:

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

1. RELINQUISHED BY: SIGNATURE:	DATE 12-15-00	2. RELINQUISHED BY: SIGNATURE:	DATE 12/15/0	3. RELINQUISHED BY: SIGNATURE:	DATE
PRINTED NAME/COMPANY: Kennedy / Jenks	TIME 1500	PRINTED NAME/COMPANY: JR	TIME 1750	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY: SIGNATURE:	DATE 12-15-00	2. RECEIVED BY: SIGNATURE: Adolfo Villalobos	DATE 12/15	3. RECEIVED BY: SIGNATURE:	DATE
PRINTED NAME/COMPANY: JR	TIME 1620	PRINTED NAME/COMPANY: STL	TIME 1750	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

000002

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

STL – LOS ANGELES
PROJECT RECEIPT CHECKLIST

Date: 12/15/00

Quantims Lot #: EOL 160151
Client Name: KENNEDY/JENKS
Received by: AV

Quote #:
Project: 004034.00
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	12/15 AV
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) :

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

Fraction	1 TO 3	4									PH
VOAh *											N/A
Poly sleeve	8	1									
Brass sleeve	1										

a: HCl; ae: Sodium Hydroxide; imac: Zinc Acetate/Sodium Hydroxide; s: H2SO4; n: HNO3; n/f: HNO3-Field filtered; n/lf: 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: AB 12/16/00 REVIEWED BY/DATE:

METHODS SUMMARY

E0L160151

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

References:

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

SAMPLE SUMMARY

E0L160151

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DRKFX	001	Build-1-j-4-121500-1	12/15/00	10:00
DRKF3	002	Build-1-J-4-121500-2	12/15/00	10:10
DRKF6	003	Build-1-J-4-121500-3	12/15/00	10:20
DRKF7	004	Build-1-H-4-121500-1	12/15/00	13:30

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: Build-1-j-4-121500-1

GC/MS Volatiles

Lot-Sample #...: E0L160151-001 Work Order #...: DRKFX1AA Matrix.....: SOLID
Date Sampled...: 12/15/00 10:00 Date Received..: 12/15/00 17:50 MS Run #.....: 0358061
Prep Date.....: 12/22/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358179 Analysis Time..: 06:45
Dilution Factor: 1
Analyst ID.....: 015590 Instrument ID..: MSG
Method.....: SW846 8260B

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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-j-4-121500-1

GC/MS Volatiles

Lot-Sample #...: E0L160151-001 Work Order #...: DRKFX1AA 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	97	(70 - 130)
1,2-Dichloroethane-d4	136	(60 - 140)
Toluene-d8	97	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-J-4-121500-2

GC/MS Volatiles

Lot-Sample #...: E0L160151-002 Work Order #...: DRKF31AA Matrix.....: SOLID
Date Sampled...: 12/15/00 10:10 Date Received..: 12/15/00 17:50 MS Run #.....: 0358064
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358182 Analysis Time..: 11:04
Dilution Factor: 1
Analyst ID.....: 015590 Instrument ID..: MSG
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	**6.2**	**5.0**	**ug/kg**	**2.0**
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-J-4-121500-2

GC/MS Volatiles

Lot-Sample #...: E0L160151-002 Work Order #...: DRKF31AA Matrix.....: SOLID

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(70 - 130)
1,2-Dichloroethane-d4	129	(60 - 140)
Toluene-d8	101	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-J-4-121500-3

GC/MS Volatiles

Lot-Sample #...: E0L160151-003 Work Order #...: DRKF61AA Matrix.....: SOLID
Date Sampled...: 12/15/00 10:20 Date Received..: 12/15/00 17:50 MS Run #.....: 0358064
Prep Date.....: 12/23/00 Analysis Date..: 12/23/00
Prep Batch #...: 0358182 Analysis Time..: 10:32
Dilution Factor: 1
Analyst ID.....: 015590 Instrument ID..: MSG
Method.....: SW846 8260B

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

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-J-4-121500-3

GC/MS Volatiles

Lot-Sample #...: E0L160151-003 Work Order #...: DRKF61AA 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	97	(70 - 130)
1,2-Dichloroethane-d4	125	(60 - 140)
Toluene-d8	96	(70 - 130)

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-j-4-121500-1

TOTAL Metals

Lot-Sample #...: E0L160151-001 Matrix.....: SOLID
Date Sampled...: 12/15/00 10:00 Date Received..: 12/15/00 17:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0353339						
Mercury	0.063 B	0.10	mg/kg	SW846 7471A	12/20-12/21/00	DRKFX1AW
		Dilution Factor: 1		Analysis Time..: 15:35	Analyst ID.....: 021088	
		Instrument ID..: M04		MS Run #.....: 0353168	MDL.....: 0.020	
Prep Batch #...: 0354418						
Aluminum	23600	20.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AC
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 8.0	
Arsenic	3.8	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AD
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.40	
Antimony	0.48 B	6.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AE
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.20	
Barium	141	2.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AF
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Cadmium	0.40 B	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AG
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.050	
Chromium	25.3	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AH
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Beryllium	0.63	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AJ
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.050	
Lead	4.4	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AK
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.30	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-j-4-121500-1

TOTAL Metals

Lot-Sample #...: E0L160151-001 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AL
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AM
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Cobalt	9.3	5.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AN
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Copper	34.7	2.5	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AP
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.40	
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AQ
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.30	
Nickel	16.0	4.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AR
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.30	
Thallium	0.85 B	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AT
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.50	
Vanadium	52.1	5.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AU
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Zinc	74.5	2.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKFX1AV
		Dilution Factor: 1		Analysis Time..: 17:03	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 1.0	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-J-4-121500-2

TOTAL Metals

Lot-Sample #...: E0L160151-002 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 #...: 0353339						
Mercury	0.036 B	0.10	mg/kg	SW846 7471A	12/20-12/21/00	DRKF31AW
		Dilution Factor: 1		Analysis Time..: 15:37	Analyst ID.....: 021088	
		Instrument ID..: M04		MS Run #.....: 0353168	MDL.....: 0.020	
Prep Batch #...: 0354418						
Aluminum	23200	20.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AC
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 8.0	
Arsenic	4.0	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AD
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.40	
Antimony	0.36 B	6.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AE
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.20	
Barium	141	2.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AF
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Cadmium	0.51	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AG
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.050	
Chromium	25.8	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AH
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Beryllium	0.66	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AJ
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.050	
Lead	6.5	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AK
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.30	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-J-4-121500-2

TOTAL Metals

Lot-Sample #...: E0L160151-002 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AL
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AM
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Cobalt	11.0	5.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AN
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Copper	57.6	2.5	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AP
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.40	
Molybdenum	1.5 B	4.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AQ
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.30	
Nickel	18.3	4.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AR
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.30	
Thallium	0.60 B	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AT
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.50	
Vanadium	54.1	5.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AU
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Zinc	83.3	2.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF31AV
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 1.0	

NOTE(S):

B Estimated result. Result is less than RL.

KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-J-4-121500-3

TOTAL Metals

Lot-Sample #...: E0L160151-003 Matrix.....: SOLID
Date Sampled...: 12/15/00 10:20 Date Received..: 12/15/00 17:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0353339						
Mercury	0.073 B	0.10	mg/kg	SW846 7471A	12/20-12/21/00	DRKF61AW
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 021088	
		Instrument ID..: M04		MS Run #.....: 0353168	MDL.....: 0.020	
Prep Batch #...: 0354418						
Aluminum	26100	20.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AC
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031198	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 8.0	
Arsenic	4.2	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AD
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.40	
Antimony	0.48 B	6.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AE
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.20	
Barium	152	2.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AF
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Cadmium	0.51	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AG
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.050	
Chromium	28.7	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AH
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Beryllium	0.69	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AJ
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.050	
Lead	4.8	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AK
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.30	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: Build-1-J-4-121500-3

TOTAL Metals

Lot-Sample #...: E0L160151-003 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	0.50	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AL
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AM
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Cobalt	9.9	5.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AN
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Copper	28.3	2.5	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AP
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.40	
Molybdenum	1.7 B	4.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AQ
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.30	
Nickel	18.5	4.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AR
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.30	
Thallium	0.68 B	1.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AT
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.50	
Vanadium	61.8	5.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AU
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 0.10	
Zinc	81.1	2.0	mg/kg	SW846 6010B	12/19-12/20/00	DRKF61AV
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 0354245	MDL.....: 1.0	

NOTE(S):

B Estimated result. Result is less than RL.