Analytical Resources, Incorporated
Analytical Chemists and Consultants

January 26, 2011

Tom Colligan
Floyd Snider
601 Union Street, Suite 600
Seattle, WA 98101-2341

RE: Project: Jorgensen Forge PLO
ARI Job No: SE67

Dear Tom:

Please find enclosed analytical results and the original Chain of Custody documentation (COC) for the project referenced above. Analytical Resources, Incorporated (ARI) accepted fifteen soil samples on January 13, 2011. The samples were received in good condition.

The samples were analyzed for Total Metals, SVOCs, PCBs and NWTPH-Dx, as requested.

The SVOCs 1/21/11 CCAL is out of control low for 2,2-oxybis (1-Chloropropane) and 2,4-Dinitrophenol are out of control low. All associated samples that contain analyte have been flagged with a "Q" qualifier.

The SVOCs 1/24/11 CCAL is out of control low for Benzidine and 2,4-Dinitrophenol and out of control high for Indeno (1,2,3-cd)pyrene, Dibenzo (a,h)anthracene and Benzo(g,h,i) perylene. All associated samples that contain analyte have been flagged with a "Q" qualifier.

The SVOCs sample JF-T3B4-SO-13 was analyzed at a dilution due to matrix effects.

The PCB surrogate DCBP is out of control high for the 1/18/11 LCS. The spike recoveries are in control and no action was taken.

The PCB surrogate TCMX is out of control high for sample JF-T3B3-SO-08. No action was taken.

The PCBs matrix spike and matrix spike duplicate for sample JF-T3B3-SO-03 are out of control high for aroclor 1260 due to matrix effects.

The total metals matrix spike is out of control high for zinc with RPDs for copper and zinc outside of the +/- 20% control limits for sample JF-T3B3-SO-03.

No other analytical complications were noted for these analyses. Quality control results are included for your review.

A copy of the reports and all associated raw data will remain on file with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Kelly Bottem
Client Services Manager
kellyb@arilabs.com
206-695-6211
Enclosures

647295

4611 South 134th Place, Suite 100 • Tukwila WA 98168 • **206-695-6200** • **206-695-6201** fax

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 567	Turn-around Requested: STANDARD
ARI Client Company: FIS	Phone: 206-292-2078
Client Contact: NICK GARSON and TOM COLLIGAN	
Client Project Name: Jorgensen Forge PLO	
Client Project #: 7KPL2JOR	Samplers: DEAN BRAME / LISA MEOLI

Page: 3	of 4
Date: 1/13/11	Ice Present?
No. of Coolers:	Cooler Temps:

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	METALS As, Cd, Cu, Pb Ni, Zn	SVOCs	TPH-D	PCBs					Notes/Comments
JF-T3B2-SO-08	1/13/11	1535	SO	2	x	x	x	x					
JF-T3B2-SO-13	↓	1550	↓	↓	↓	↓	↓	↓					
JF-T3B2-SO-13-D	↓	1550	↓	↓	↓	↓	↓	↓					
JF-T3B1-SO-03	↓	1620	↓	↓	↓	↓	↓	↓					
JF-T3B1-SO-08	↓	1625	↓	↓	↓	↓	↓	↓					
JF-T3B1-SO-13	↓	1630	↓	↓	↓	↓	↓	↓					

Comments/Special Instructions				
Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
Printed Name: DEAN BRAME	Printed Name: C. OREIRO	Printed Name:	Printed Name:
Company: FIS	Company: ARI	Company:	Company:
Date & Time: 1/13/11 1755	Date & Time: 1/13/11 1755	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 5767	Turn-around Requested: STANDARD	Page: 4 of 4	
ARI Client Company: FIS	Phone: 206-292-2078	Date: 1/13/11	Ice Present?
Client Contact: NICK GARSON and TOM COLLIGAN		No. of Coolers:	Cooler Temps:
Client Project Name: Jorgensen Forge PLO			
Client Project #: 7KPL2JOR	Samplers: DEAN BRAME / LISA MEOLI		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	METALS As, Cd, Cu, Pb, Ni, Zn	SVOCs	TPH-D	PCBs					Notes/Comments
JF-T2B4-SO-18	1/13/11	1120	SO	2	x	x	x	x					
JF-T2B4-SO-23	1/13/11	1125	SO										
~~JF-T2~~													
JF-T3B4-SO-03	1/13/11	1350	SO										
JF-T3B4-SO-13		1405											
JF-T3B4-SO-23		1420											
JF-T3B3-SO-03		1445											MS/MSD
JF-T3B3-SO-08		1455											1/13/11
JF-T3B3-SO-13		1510											
JF-T3B2-SO-03		1525											

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) [signature]	(Signature) [signature]	(Signature)	(Signature)
	Printed Name: 1/13/11 DEAN BRAME	Printed Name: C. OREIRO	Printed Name:	Printed Name:
	Company: FIS	Company: ARI	Company:	Company:
	Date & Time: 1/13/11 1755	Date & Time: 1/13/11 1755	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Boeing

Project Name: Jorgensen Forge PLO

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: SE67

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)..... 5.9 (4.3) 4.3 ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 91094161 9

Cooler Accepted by: W Date: 1/13/11 Time: 1755

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

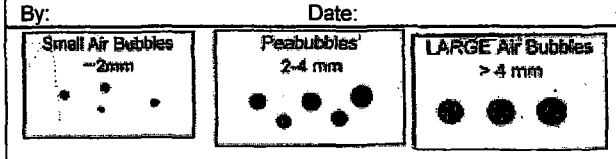
Samples Logged by: MMM Date: 1/14/11 Time: 1021

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm"	
Peabubbles → "pb"	
Large → "lg"	
Headspace → "hs"	

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B2-SO-08
SAMPLE

Lab Sample ID: SE67A
LIMS ID: 11-781
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 17:42
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 7.62 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 24.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	66	< 66 U
111-44-4	Bis-(2-Chloroethyl) Ether	66	< 66 U
95-57-8	2-Chlorophenol	66	< 66 U
541-73-1	1,3-Dichlorobenzene	66	< 66 U
106-46-7	1,4-Dichlorobenzene	66	< 66 U
100-51-6	Benzyl Alcohol	330	< 330 U
95-50-1	1,2-Dichlorobenzene	66	< 66 U
95-48-7	2-Methylphenol	66	< 66 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	66	< 66 U
106-44-5	4-Methylphenol	66	< 66 U
621-64-7	N-Nitroso-Di-N-Propylamine	66	< 66 U
67-72-1	Hexachloroethane	66	< 66 U
98-95-3	Nitrobenzene	66	< 66 U
78-59-1	Isophorone	66	< 66 U
88-75-5	2-Nitrophenol	66	< 66 U
105-67-9	2,4-Dimethylphenol	66	< 66 U
65-85-0	Benzoic Acid	660	< 660 U
111-91-1	bis(2-Chloroethoxy) Methane	66	< 66 U
120-83-2	2,4-Dichlorophenol	330	< 330 U
120-82-1	1,2,4-Trichlorobenzene	66	< 66 U
91-20-3	Naphthalene	66	< 66 U
106-47-8	4-Chloroaniline	330	< 330 U
87-68-3	Hexachlorobutadiene	66	< 66 U
59-50-7	4-Chloro-3-methylphenol	330	< 330 U
91-57-6	2-Methylnaphthalene	66	< 66 U
77-47-4	Hexachlorocyclopentadiene	330	< 330 U
88-06-2	2,4,6-Trichlorophenol	330	< 330 U
95-95-4	2,4,5-Trichlorophenol	330	< 330 U
91-58-7	2-Chloronaphthalene	66	< 66 U
88-74-4	2-Nitroaniline	330	< 330 U
131-11-3	Dimethylphthalate	66	< 66 U
208-96-8	Acenaphthylene	66	< 66 U
99-09-2	3-Nitroaniline	330	< 330 U
83-32-9	Acenaphthene	66	< 66 U
51-28-5	2,4-Dinitrophenol	660	< 660 U
100-02-7	4-Nitrophenol	330	< 330 U
132-64-9	Dibenzofuran	66	< 66 U
606-20-2	2,6-Dinitrotoluene	330	< 330 U
121-14-2	2,4-Dinitrotoluene	330	< 330 U
84-66-2	Diethylphthalate	66	< 66 U
7005-72-3	4-Chlorophenyl-phenylether	66	< 66 U
86-73-7	Fluorene	66	< 66 U
100-01-6	4-Nitroaniline	330	< 330 U
534-52-1	4,6-Dinitro-2-Methylphenol	660	< 660 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B2-SO-08
SAMPLE

Lab Sample ID: SE67A
LIMS ID: 11-781
Matrix: Soil
Date Analyzed: 01/21/11 17:42

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	66	< 66 U
101-55-3	4-Bromophenyl-phenylether	66	< 66 U
118-74-1	Hexachlorobenzene	66	< 66 U
87-86-5	Pentachlorophenol	330	< 330 U
85-01-8	Phenanthrene	66	< 66 U
86-74-8	Carbazole	66	< 66 U
120-12-7	Anthracene	66	< 66 U
84-74-2	Di-n-Butylphthalate	66	< 66 U
206-44-0	Fluoranthene	66	< 66 U
129-00-0	Pyrene	66	< 66 U
85-68-7	Butylbenzylphthalate	66	< 66 U
91-94-1	3,3'-Dichlorobenzidine	330	< 330 U
56-55-3	Benzo(a)anthracene	66	< 66 U
117-81-7	bis(2-Ethylhexyl)phthalate	66	< 66 U
218-01-9	Chrysene	66	< 66 U
117-84-0	Di-n-Octyl phthalate	66	< 66 U
50-32-8	Benzo(a)pyrene	66	< 66 U
193-39-5	Indeno(1,2,3-cd)pyrene	66	< 66 U
53-70-3	Dibenz(a,h)anthracene	66	< 66 U
191-24-2	Benzo(g,h,i)perylene	66	< 66 U
90-12-0	1-Methylnaphthalene	66	< 66 U
TOTBFA	Total Benzofluoranthenes	66	< 66 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.4%	2-Fluorobiphenyl	65.6%
d14-p-Terphenyl	86.0%	d4-1,2-Dichlorobenzene	61.2%
d5-Phenol	63.7%	2-Fluorophenol	58.9%
2,4,6-Tribromophenol	56.5%	d4-2-Chlorophenol	63.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B2-SO-13
SAMPLE

Lab Sample ID: SE67B
LIMS ID: 11-782
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 18:15
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 8.08 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 26.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
106-46-7	1,4-Dichlorobenzene	62	< 62 U
100-51-6	Benzyl Alcohol	310	< 310 U
95-50-1	1,2-Dichlorobenzene	62	< 62 U
95-48-7	2-Methylphenol	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
621-64-7	N-Nitroso-Di-N-Propylamine	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	62	< 62 U
105-67-9	2,4-Dimethylphenol	62	< 62 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
120-82-1	1,2,4-Trichlorobenzene	62	< 62 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
87-68-3	Hexachlorobutadiene	62	< 62 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
131-11-3	Dimethylphthalate	62	< 62 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B2-SO-13
SAMPLE

Lab Sample ID: SE67B
LIMS ID: 11-782
Matrix: Soil
Date Analyzed: 01/21/11 18:15

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	62	< 62 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
118-74-1	Hexachlorobenzene	62	< 62 U
87-86-5	Pentachlorophenol	310	< 310 U
85-01-8	Phenanthrene	62	< 62 U
86-74-8	Carbazole	62	< 62 U
120-12-7	Anthracene	62	< 62 U
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	< 62 U
129-00-0	Pyrene	62	< 62 U
85-68-7	Butylbenzylphthalate	62	< 62 U
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	62	< 62 U
117-81-7	bis(2-Ethylhexyl)phthalate	62	< 62 U
218-01-9	Chrysene	62	< 62 U
117-84-0	Di-n-Octyl phthalate	62	< 62 U
50-32-8	Benzo(a)pyrene	62	< 62 U
193-39-5	Indeno(1,2,3-cd)pyrene	62	< 62 U
53-70-3	Dibenz(a,h)anthracene	62	< 62 U
191-24-2	Benzo(g,h,i)perylene	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U
TOTBFA	Total Benzofluoranthenes	62	< 62 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.8%	2-Fluorobiphenyl	68.4%
d14-p-Terphenyl	79.6%	d4-1,2-Dichlorobenzene	64.8%
d5-Phenol	66.9%	2-Fluorophenol	64.3%
2,4,6-Tribromophenol	57.1%	d4-2-Chlorophenol	68.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B2-SO-13-D
SAMPLE

Lab Sample ID: SE67C
LIMS ID: 11-783
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 18:47
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 8.18 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 26.2%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
106-46-7	1,4-Dichlorobenzene	61	< 61 U
100-51-6	Benzyl Alcohol	310	< 310 U
95-50-1	1,2-Dichlorobenzene	61	< 61 U
95-48-7	2-Methylphenol	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
621-64-7	N-Nitroso-Di-N-Propylamine	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	61	< 61 U
105-67-9	2,4-Dimethylphenol	61	< 61 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
120-82-1	1,2,4-Trichlorobenzene	61	< 61 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	310	< 310 U
87-68-3	Hexachlorobutadiene	61	< 61 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	310	< 310 U
131-11-3	Dimethylphthalate	61	< 61 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	61	< 61 U
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B2-SO-13-D
SAMPLE

Lab Sample ID: SE67C
LIMS ID: 11-783
Matrix: Soil
Date Analyzed: 01/21/11 18:47

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	61	< 61 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
118-74-1	Hexachlorobenzene	61	< 61 U
87-86-5	Pentachlorophenol	310	< 310 U
85-01-8	Phenanthrene	61	< 61 U
86-74-8	Carbazole	61	< 61 U
120-12-7	Anthracene	61	< 61 U
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	< 61 U
129-00-0	Pyrene	61	< 61 U
85-68-7	Butylbenzylphthalate	61	< 61 U
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	61	< 61 U
117-81-7	bis(2-Ethylhexyl)phthalate	61	< 61 U
218-01-9	Chrysene	61	< 61 U
117-84-0	Di-n-Octyl phthalate	61	< 61 U
50-32-8	Benzo(a)pyrene	61	< 61 U
193-39-5	Indeno(1,2,3-cd)pyrene	61	< 61 U
53-70-3	Dibenz(a,h)anthracene	61	< 61 U
191-24-2	Benzo(g,h,i)perylene	61	< 61 U
90-12-0	1-Methylnaphthalene	61	< 61 U
TOTBFA	Total Benzofluoranthenes	61	< 61 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.0%	2-Fluorobiphenyl	70.8%
d14-p-Terphenyl	81.6%	d4-1,2-Dichlorobenzene	67.2%
d5-Phenol	69.9%	2-Fluorophenol	66.7%
2,4,6-Tribromophenol	57.3%	d4-2-Chlorophenol	70.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B1-SO-03
SAMPLE

Lab Sample ID: SE67D
LIMS ID: 11-784
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 19:20
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 7.77 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 23.1%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	64	< 64 U
111-44-4	Bis-(2-Chloroethyl) Ether	64	< 64 U
95-57-8	2-Chlorophenol	64	< 64 U
541-73-1	1,3-Dichlorobenzene	64	< 64 U
106-46-7	1,4-Dichlorobenzene	64	< 64 U
100-51-6	Benzyl Alcohol	320	< 320 U
95-50-1	1,2-Dichlorobenzene	64	< 64 U
95-48-7	2-Methylphenol	64	< 64 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	64	< 64 U
106-44-5	4-Methylphenol	64	< 64 U
621-64-7	N-Nitroso-Di-N-Propylamine	64	< 64 U
67-72-1	Hexachloroethane	64	< 64 U
98-95-3	Nitrobenzene	64	< 64 U
78-59-1	Isophorone	64	< 64 U
88-75-5	2-Nitrophenol	64	< 64 U
105-67-9	2,4-Dimethylphenol	64	< 64 U
65-85-0	Benzoic Acid	640	< 640 U
111-91-1	bis(2-Chloroethoxy) Methane	64	< 64 U
120-83-2	2,4-Dichlorophenol	320	< 320 U
120-82-1	1,2,4-Trichlorobenzene	64	< 64 U
91-20-3	Naphthalene	64	< 64 U
106-47-8	4-Chloroaniline	320	< 320 U
87-68-3	Hexachlorobutadiene	64	< 64 U
59-50-7	4-Chloro-3-methylphenol	320	< 320 U
91-57-6	2-Methylnaphthalene	64	< 64 U
77-47-4	Hexachlorocyclopentadiene	320	< 320 U
88-06-2	2,4,6-Trichlorophenol	320	< 320 U
95-95-4	2,4,5-Trichlorophenol	320	< 320 U
91-58-7	2-Chloronaphthalene	64	< 64 U
88-74-4	2-Nitroaniline	320	< 320 U
131-11-3	Dimethylphthalate	64	< 64 U
208-96-8	Acenaphthylene	64	< 64 U
99-09-2	3-Nitroaniline	320	< 320 U
83-32-9	Acenaphthene	64	< 64 U
51-28-5	2,4-Dinitrophenol	640	< 640 U
100-02-7	4-Nitrophenol	320	< 320 U
132-64-9	Dibenzofuran	64	< 64 U
606-20-2	2,6-Dinitrotoluene	320	< 320 U
121-14-2	2,4-Dinitrotoluene	320	< 320 U
84-66-2	Diethylphthalate	64	< 64 U
7005-72-3	4-Chlorophenyl-phenylether	64	< 64 U
86-73-7	Fluorene	64	< 64 U
100-01-6	4-Nitroaniline	320	< 320 U
534-52-1	4,6-Dinitro-2-Methylphenol	640	< 640 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B1-SO-03
SAMPLE

Lab Sample ID: SE67D
LIMS ID: 11-784
Matrix: Soil
Date Analyzed: 01/21/11 19:20

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	64	< 64 U
101-55-3	4-Bromophenyl-phenylether	64	< 64 U
118-74-1	Hexachlorobenzene	64	< 64 U
87-86-5	Pentachlorophenol	320	< 320 U
85-01-8	Phenanthrene	64	< 64 U
86-74-8	Carbazole	64	< 64 U
120-12-7	Anthracene	64	< 64 U
84-74-2	Di-n-Butylphthalate	64	< 64 U
206-44-0	Fluoranthene	64	< 64 U
129-00-0	Pyrene	64	< 64 U
85-68-7	Butylbenzylphthalate	64	< 64 U
91-94-1	3,3'-Dichlorobenzidine	320	< 320 U
56-55-3	Benzo(a)anthracene	64	< 64 U
117-81-7	bis(2-Ethylhexyl)phthalate	64	< 64 U
218-01-9	Chrysene	64	< 64 U
117-84-0	Di-n-Octyl phthalate	64	< 64 U
50-32-8	Benzo(a)pyrene	64	< 64 U
193-39-5	Indeno(1,2,3-cd)pyrene	64	< 64 U
53-70-3	Dibenz(a,h)anthracene	64	< 64 U
191-24-2	Benzo(g,h,i)perylene	64	< 64 U
90-12-0	1-Methylnaphthalene	64	< 64 U
TOTBFA	Total Benzofluoranthenes	64	< 64 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	67.6%	2-Fluorobiphenyl	73.6%
d14-p-Terphenyl	86.4%	d4-1,2-Dichlorobenzene	69.6%
d5-Phenol	71.5%	2-Fluorophenol	68.3%
2,4,6-Tribromophenol	62.4%	d4-2-Chlorophenol	72.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B1-SO-08
SAMPLE

Lab Sample ID: SE67E
LIMS ID: 11-785
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 19:53
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 8.31 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 18.0%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	60	< 60 U
111-44-4	Bis-(2-Chloroethyl) Ether	60	< 60 U
95-57-8	2-Chlorophenol	60	< 60 U
541-73-1	1,3-Dichlorobenzene	60	< 60 U
106-46-7	1,4-Dichlorobenzene	60	< 60 U
100-51-6	Benzyl Alcohol	300	< 300 U
95-50-1	1,2-Dichlorobenzene	60	< 60 U
95-48-7	2-Methylphenol	60	< 60 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	60	< 60 U
106-44-5	4-Methylphenol	60	< 60 U
621-64-7	N-Nitroso-Di-N-Propylamine	60	< 60 U
67-72-1	Hexachloroethane	60	< 60 U
98-95-3	Nitrobenzene	60	< 60 U
78-59-1	Isophorone	60	< 60 U
88-75-5	2-Nitrophenol	60	< 60 U
105-67-9	2,4-Dimethylphenol	60	< 60 U
65-85-0	Benzoic Acid	600	< 600 U
111-91-1	bis(2-Chloroethoxy) Methane	60	< 60 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
120-82-1	1,2,4-Trichlorobenzene	60	< 60 U
91-20-3	Naphthalene	60	< 60 U
106-47-8	4-Chloroaniline	300	< 300 U
87-68-3	Hexachlorobutadiene	60	< 60 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	60	< 60 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	60	< 60 U
88-74-4	2-Nitroaniline	300	< 300 U
131-11-3	Dimethylphthalate	60	< 60 U
208-96-8	Acenaphthylene	60	< 60 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	60	< 60 U
51-28-5	2,4-Dinitrophenol	600	< 600 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	60	< 60 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	60	< 60 U
7005-72-3	4-Chlorophenyl-phenylether	60	< 60 U
86-73-7	Fluorene	60	< 60 U
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	600	< 600 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B1-SO-08
SAMPLE

Lab Sample ID: SE67E
LIMS ID: 11-785
Matrix: Soil
Date Analyzed: 01/21/11 19:53

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	60	< 60 U
101-55-3	4-Bromophenyl-phenylether	60	< 60 U
118-74-1	Hexachlorobenzene	60	< 60 U
87-86-5	Pentachlorophenol	300	< 300 U
85-01-8	Phenanthrene	60	< 60 U
86-74-8	Carbazole	60	< 60 U
120-12-7	Anthracene	60	< 60 U
84-74-2	Di-n-Butylphthalate	60	< 60 U
206-44-0	Fluoranthene	60	< 60 U
129-00-0	Pyrene	60	< 60 U
85-68-7	Butylbenzylphthalate	60	< 60 U
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo(a)anthracene	60	< 60 U
117-81-7	bis(2-Ethylhexyl)phthalate	60	< 60 U
218-01-9	Chrysene	60	< 60 U
117-84-0	Di-n-Octyl phthalate	60	< 60 U
50-32-8	Benzo(a)pyrene	60	< 60 U
193-39-5	Indeno(1,2,3-cd)pyrene	60	< 60 U
53-70-3	Dibenz(a,h)anthracene	60	< 60 U
191-24-2	Benzo(g,h,i)perylene	60	< 60 U
90-12-0	1-Methylnaphthalene	60	< 60 U
TOTBFA	Total Benzofluoranthenes	60	< 60 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.0%	2-Fluorobiphenyl	68.8%
d14-p-Terphenyl	89.6%	d4-1,2-Dichlorobenzene	63.6%
d5-Phenol	67.5%	2-Fluorophenol	62.4%
2,4,6-Tribromophenol	61.3%	d4-2-Chlorophenol	66.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B1-SO-13
SAMPLE

Lab Sample ID: SE67F
LIMS ID: 11-786
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 20:26
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 8.10 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 26.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
106-46-7	1,4-Dichlorobenzene	62	< 62 U
100-51-6	Benzyl Alcohol	310	< 310 U
95-50-1	1,2-Dichlorobenzene	62	< 62 U
95-48-7	2-Methylphenol	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
621-64-7	N-Nitroso-Di-N-Propylamine	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	62	< 62 U
105-67-9	2,4-Dimethylphenol	62	< 62 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
120-82-1	1,2,4-Trichlorobenzene	62	< 62 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
87-68-3	Hexachlorobutadiene	62	< 62 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
131-11-3	Dimethylphthalate	62	< 62 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B1-SO-13
SAMPLE

Lab Sample ID: SE67F
LIMS ID: 11-786
Matrix: Soil
Date Analyzed: 01/21/11 20:26

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	62	< 62 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
118-74-1	Hexachlorobenzene	62	< 62 U
87-86-5	Pentachlorophenol	310	< 310 U
85-01-8	**Phenanthrene**	**62**	**67**
86-74-8	Carbazole	62	< 62 U
120-12-7	Anthracene	62	< 62 U
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	< 62 U
129-00-0	Pyrene	62	< 62 U
85-68-7	Butylbenzylphthalate	62	< 62 U
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	62	< 62 U
117-81-7	bis(2-Ethylhexyl)phthalate	62	< 62 U
218-01-9	Chrysene	62	< 62 U
117-84-0	Di-n-Octyl phthalate	62	< 62 U
50-32-8	Benzo(a)pyrene	62	< 62 U
193-39-5	Indeno(1,2,3-cd)pyrene	62	< 62 U
53-70-3	Dibenz(a,h)anthracene	62	< 62 U
191-24-2	Benzo(g,h,i)perylene	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U
TOTBFA	Total Benzofluoranthenes	62	< 62 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	73.2%	2-Fluorobiphenyl	73.6%
d14-p-Terphenyl	77.6%	d4-1,2-Dichlorobenzene	66.0%
d5-Phenol	69.1%	2-Fluorophenol	65.3%
2,4,6-Tribromophenol	73.1%	d4-2-Chlorophenol	69.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T2B4-SO-18
SAMPLE

Lab Sample ID: SE67G
LIMS ID: 11-787
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 20:59
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 4.12 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 31.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	120	< 120 U
111-44-4	Bis-(2-Chloroethyl) Ether	120	< 120 U
95-57-8	2-Chlorophenol	120	< 120 U
541-73-1	1,3-Dichlorobenzene	120	< 120 U
106-46-7	**1,4-Dichlorobenzene**	**120**	**150**
100-51-6	Benzyl Alcohol	610	< 610 U
95-50-1	**1,2-Dichlorobenzene**	**120**	**270**
95-48-7	2-Methylphenol	120	< 120 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	120	< 120 U
106-44-5	4-Methylphenol	120	< 120 U
621-64-7	N-Nitroso-Di-N-Propylamine	120	< 120 U
67-72-1	Hexachloroethane	120	< 120 U
98-95-3	Nitrobenzene	120	< 120 U
78-59-1	Isophorone	120	< 120 U
88-75-5	2-Nitrophenol	120	< 120 U
105-67-9	2,4-Dimethylphenol	120	< 120 U
65-85-0	Benzoic Acid	1,200	< 1,200 U
111-91-1	bis(2-Chloroethoxy) Methane	120	< 120 U
120-83-2	2,4-Dichlorophenol	610	< 610 U
120-82-1	1,2,4-Trichlorobenzene	120	< 120 U
91-20-3	**Naphthalene**	**120**	**130**
106-47-8	4-Chloroaniline	610	< 610 U
87-68-3	Hexachlorobutadiene	120	< 120 U
59-50-7	4-Chloro-3-methylphenol	610	< 610 U
91-57-6	2-Methylnaphthalene	120	< 120 U
77-47-4	Hexachlorocyclopentadiene	610	< 610 U
88-06-2	2,4,6-Trichlorophenol	610	< 610 U
95-95-4	2,4,5-Trichlorophenol	610	< 610 U
91-58-7	2-Chloronaphthalene	120	< 120 U
88-74-4	2-Nitroaniline	610	< 610 U
131-11-3	Dimethylphthalate	120	< 120 U
208-96-8	Acenaphthylene	120	< 120 U
99-09-2	3-Nitroaniline	610	< 610 U
83-32-9	Acenaphthene	120	< 120 U
51-28-5	2,4-Dinitrophenol	1,200	< 1,200 U
100-02-7	4-Nitrophenol	610	< 610 U
132-64-9	Dibenzofuran	120	< 120 U
606-20-2	2,6-Dinitrotoluene	610	< 610 U
121-14-2	2,4-Dinitrotoluene	610	< 610 U
84-66-2	Diethylphthalate	120	< 120 U
7005-72-3	4-Chlorophenyl-phenylether	120	< 120 U
86-73-7	Fluorene	120	< 120 U
100-01-6	4-Nitroaniline	610	< 610 U
534-52-1	4,6-Dinitro-2-Methylphenol	1,200	< 1,200 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T2B4-SO-18
SAMPLE

Lab Sample ID: SE67G
LIMS ID: 11-787
Matrix: Soil
Date Analyzed: 01/21/11 20:59

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	120	< 120 U
101-55-3	4-Bromophenyl-phenylether	120	< 120 U
118-74-1	Hexachlorobenzene	120	< 120 U
87-86-5	Pentachlorophenol	610	< 610 U
85-01-8	Phenanthrene	120	< 120 U
86-74-8	Carbazole	120	< 120 U
120-12-7	Anthracene	120	< 120 U
84-74-2	Di-n-Butylphthalate	120	< 120 U
206-44-0	Fluoranthene	120	< 120 U
129-00-0	Pyrene	120	< 120 U
85-68-7	Butylbenzylphthalate	120	< 120 U
91-94-1	3,3'-Dichlorobenzidine	610	< 610 U
56-55-3	Benzo(a)anthracene	120	< 120 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**120**	**16,000 ES**
218-01-9	Chrysene	120	< 120 U
117-84-0	Di-n-Octyl phthalate	120	< 120 U
50-32-8	Benzo(a)pyrene	120	< 120 U
193-39-5	Indeno(1,2,3-cd)pyrene	120	< 120 U
53-70-3	Dibenz(a,h)anthracene	120	< 120 U
191-24-2	Benzo(g,h,i)perylene	120	< 120 U
90-12-0	1-Methylnaphthalene	120	< 120 U
TOTBFA	Total Benzofluoranthenes	120	< 120 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	70.4%	2-Fluorobiphenyl	84.8%
d14-p-Terphenyl	90.0%	d4-1,2-Dichlorobenzene	66.8%
d5-Phenol	70.1%	2-Fluorophenol	58.9%
2,4,6-Tribromophenol	90.1%	d4-2-Chlorophenol	68.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T2B4-SO-18
DILUTION

Lab Sample ID: SE67G
LIMS ID: 11-787
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/24/11 23:52
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 4.12 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 5.00
Percent Moisture: 31.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	610	< 610 U
111-44-4	Bis-(2-Chloroethyl) Ether	610	< 610 U
95-57-8	2-Chlorophenol	610	< 610 U
541-73-1	1,3-Dichlorobenzene	610	< 610 U
106-46-7	1,4-Dichlorobenzene	610	< 610 U
100-51-6	Benzyl Alcohol	3,000	< 3,000 U
95-50-1	1,2-Dichlorobenzene	610	< 610 U
95-48-7	2-Methylphenol	610	< 610 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	610	< 610 U
106-44-5	4-Methylphenol	610	< 610 U
621-64-7	N-Nitroso-Di-N-Propylamine	610	< 610 U
67-72-1	Hexachloroethane	610	< 610 U
98-95-3	Nitrobenzene	610	< 610 U
78-59-1	Isophorone	610	< 610 U
88-75-5	2-Nitrophenol	610	< 610 U
105-67-9	2,4-Dimethylphenol	610	< 610 U
65-85-0	Benzoic Acid	6,100	< 6,100 U
111-91-1	bis(2-Chloroethoxy) Methane	610	< 610 U
120-83-2	2,4-Dichlorophenol	3,000	< 3,000 U
120-82-1	1,2,4-Trichlorobenzene	610	< 610 U
91-20-3	Naphthalene	610	< 610 U
106-47-8	4-Chloroaniline	3,000	< 3,000 U
87-68-3	Hexachlorobutadiene	610	< 610 U
59-50-7	4-Chloro-3-methylphenol	3,000	< 3,000 U
91-57-6	2-Methylnaphthalene	610	< 610 U
77-47-4	Hexachlorocyclopentadiene	3,000	< 3,000 U
88-06-2	2,4,6-Trichlorophenol	3,000	< 3,000 U
95-95-4	2,4,5-Trichlorophenol	3,000	< 3,000 U
91-58-7	2-Chloronaphthalene	610	< 610 U
88-74-4	2-Nitroaniline	3,000	< 3,000 U
131-11-3	Dimethylphthalate	610	< 610 U
208-96-8	Acenaphthylene	610	< 610 U
99-09-2	3-Nitroaniline	3,000	< 3,000 U
83-32-9	Acenaphthene	610	< 610 U
51-28-5	2,4-Dinitrophenol	6,100	< 6,100 U
100-02-7	4-Nitrophenol	3,000	< 3,000 U
132-64-9	Dibenzofuran	610	< 610 U
606-20-2	2,6-Dinitrotoluene	3,000	< 3,000 U
121-14-2	2,4-Dinitrotoluene	3,000	< 3,000 U
84-66-2	Diethylphthalate	610	< 610 U
7005-72-3	4-Chlorophenyl-phenylether	610	< 610 U
86-73-7	Fluorene	610	< 610 U
100-01-6	4-Nitroaniline	3,000	< 3,000 U
534-52-1	4,6-Dinitro-2-Methylphenol	6,100	< 6,100 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T2B4-SO-18
DILUTION

Lab Sample ID: SE67G
LIMS ID: 11-787
Matrix: Soil
Date Analyzed: 01/24/11 23:52

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	610	< 610 U
118-74-1	Hexachlorobenzene	610	< 610 U
87-86-5	Pentachlorophenol	3,000	< 3,000 U
85-01-8	Phenanthrene	610	< 610 U
86-74-8	Carbazole	610	< 610 U
120-12-7	Anthracene	610	< 610 U
84-74-2	**Di-n-Butylphthalate**	**610**	**2,100**
206-44-0	Fluoranthene	610	< 610 U
129-00-0	Pyrene	610	< 610 U
85-68-7	Butylbenzylphthalate	610	< 610 U
91-94-1	3,3'-Dichlorobenzidine	3,000	< 3,000 U
56-55-3	Benzo(a)anthracene	610	< 610 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**610**	**16,000**
218-01-9	Chrysene	610	< 610 U
117-84-0	Di-n-Octyl phthalate	610	< 610 U
50-32-8	Benzo(a)pyrene	610	< 610 U
193-39-5	Indeno(1,2,3-cd)pyrene	610	< 610 U
53-70-3	Dibenz(a,h)anthracene	610	< 610 U
191-24-2	Benzo(g,h,i)perylene	610	< 610 U
90-12-0	1-Methylnaphthalene	610	< 610 U
TOTBFA	Total Benzofluoranthenes	610	< 610 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	65.8%	2-Fluorobiphenyl	84.2%
d14-p-Terphenyl	81.4%	d4-1,2-Dichlorobenzene	68.4%
d5-Phenol	67.9%	2-Fluorophenol	54.7%
2,4,6-Tribromophenol	69.9%	d4-2-Chlorophenol	67.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T2B4-SO-23
SAMPLE

Lab Sample ID: SE67H
LIMS ID: 11-788
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/25/11 00:25
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 8.07 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 20.0%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
106-46-7	1,4-Dichlorobenzene	62	< 62 U
100-51-6	Benzyl Alcohol	310	< 310 U
95-50-1	1,2-Dichlorobenzene	62	< 62 U
95-48-7	2-Methylphenol	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
621-64-7	N-Nitroso-Di-N-Propylamine	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	62	< 62 U
105-67-9	2,4-Dimethylphenol	62	< 62 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
120-82-1	1,2,4-Trichlorobenzene	62	< 62 U
91-20-3	**Naphthalene**	**62**	**780**
106-47-8	4-Chloroaniline	310	< 310 U
87-68-3	Hexachlorobutadiene	62	< 62 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	**2-Methylnaphthalene**	**62**	**150**
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
131-11-3	Dimethylphthalate	62	< 62 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	**Acenaphthene**	**62**	**94**
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T2B4-SO-23
SAMPLE

Lab Sample ID: SE67H
LIMS ID: 11-788
Matrix: Soil
Date Analyzed: 01/25/11 00:25

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	62	< 62 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
118-74-1	Hexachlorobenzene	62	< 62 U
87-86-5	Pentachlorophenol	310	< 310 U
85-01-8	**Phenanthrene**	**62**	**130**
86-74-8	Carbazole	62	< 62 U
120-12-7	Anthracene	62	< 62 U
84-74-2	**Di-n-Butylphthalate**	**62**	**190**
206-44-0	Fluoranthene	62	< 62 U
129-00-0	**Pyrene**	**62**	**74**
85-68-7	Butylbenzylphthalate	62	< 62 U
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	62	< 62 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**62**	**820**
218-01-9	Chrysene	62	< 62 U
117-84-0	Di-n-Octyl phthalate	62	< 62 U
50-32-8	Benzo(a)pyrene	62	< 62 U
193-39-5	Indeno(1,2,3-cd)pyrene	62	< 62 U
53-70-3	Dibenz(a,h)anthracene	62	< 62 U
191-24-2	Benzo(g,h,i)perylene	62	< 62 U
90-12-0	**1-Methylnaphthalene**	**62**	**74**
TOTBFA	Total Benzofluoranthenes	62	< 62 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	65.2%	2-Fluorobiphenyl	78.4%
d14-p-Terphenyl	82.8%	d4-1,2-Dichlorobenzene	62.0%
d5-Phenol	70.9%	2-Fluorophenol	58.7%
2,4,6-Tribromophenol	91.2%	d4-2-Chlorophenol	68.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B4-SO-03
SAMPLE

Lab Sample ID: SE67I
LIMS ID: 11-789
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 22:04
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 7.91 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 21.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	63	< 63 U
111-44-4	Bis-(2-Chloroethyl) Ether	63	< 63 U
95-57-8	2-Chlorophenol	63	< 63 U
541-73-1	1,3-Dichlorobenzene	63	< 63 U
106-46-7	1,4-Dichlorobenzene	63	< 63 U
100-51-6	Benzyl Alcohol	320	< 320 U
95-50-1	1,2-Dichlorobenzene	63	< 63 U
95-48-7	2-Methylphenol	63	< 63 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	63	< 63 U
106-44-5	4-Methylphenol	63	< 63 U
621-64-7	N-Nitroso-Di-N-Propylamine	63	< 63 U
67-72-1	Hexachloroethane	63	< 63 U
98-95-3	Nitrobenzene	63	< 63 U
78-59-1	Isophorone	63	< 63 U
88-75-5	2-Nitrophenol	63	< 63 U
105-67-9	2,4-Dimethylphenol	63	< 63 U
65-85-0	Benzoic Acid	630	< 630 U
111-91-1	bis(2-Chloroethoxy) Methane	63	< 63 U
120-83-2	2,4-Dichlorophenol	320	< 320 U
120-82-1	1,2,4-Trichlorobenzene	63	< 63 U
91-20-3	Naphthalene	63	< 63 U
106-47-8	4-Chloroaniline	320	< 320 U
87-68-3	Hexachlorobutadiene	63	< 63 U
59-50-7	4-Chloro-3-methylphenol	320	< 320 U
91-57-6	2-Methylnaphthalene	63	< 63 U
77-47-4	Hexachlorocyclopentadiene	320	< 320 U
88-06-2	2,4,6-Trichlorophenol	320	< 320 U
95-95-4	2,4,5-Trichlorophenol	320	< 320 U
91-58-7	2-Chloronaphthalene	63	< 63 U
88-74-4	2-Nitroaniline	320	< 320 U
131-11-3	Dimethylphthalate	63	< 63 U
208-96-8	Acenaphthylene	63	< 63 U
99-09-2	3-Nitroaniline	320	< 320 U
83-32-9	Acenaphthene	63	< 63 U
51-28-5	2,4-Dinitrophenol	630	< 630 U
100-02-7	4-Nitrophenol	320	< 320 U
132-64-9	Dibenzofuran	63	< 63 U
606-20-2	2,6-Dinitrotoluene	320	< 320 U
121-14-2	2,4-Dinitrotoluene	320	< 320 U
84-66-2	Diethylphthalate	63	< 63 U
7005-72-3	4-Chlorophenyl-phenylether	63	< 63 U
86-73-7	Fluorene	63	< 63 U
100-01-6	4-Nitroaniline	320	< 320 U
534-52-1	4,6-Dinitro-2-Methylphenol	630	< 630 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B4-SO-03
SAMPLE

Lab Sample ID: SE67I
LIMS ID: 11-789
Matrix: Soil
Date Analyzed: 01/21/11 22:04

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	63	< 63 U
101-55-3	4-Bromophenyl-phenylether	63	< 63 U
118-74-1	Hexachlorobenzene	63	< 63 U
87-86-5	Pentachlorophenol	320	< 320 U
85-01-8	Phenanthrene	63	< 63 U
86-74-8	Carbazole	63	< 63 U
120-12-7	Anthracene	63	< 63 U
84-74-2	**Di-n-Butylphthalate**	**63**	**380**
206-44-0	Fluoranthene	63	< 63 U
129-00-0	Pyrene	63	< 63 U
85-68-7	Butylbenzylphthalate	63	< 63 U
91-94-1	3,3'-Dichlorobenzidine	320	< 320 U
56-55-3	Benzo(a)anthracene	63	< 63 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**63**	**590**
218-01-9	**Chrysene**	**63**	**88**
117-84-0	Di-n-Octyl phthalate	63	< 63 U
50-32-8	Benzo(a)pyrene	63	< 63 U
193-39-5	Indeno(1,2,3-cd)pyrene	63	< 63 U
53-70-3	Dibenz(a,h)anthracene	63	< 63 U
191-24-2	Benzo(g,h,i)perylene	63	< 63 U
90-12-0	1-Methylnaphthalene	63	< 63 U
TOTBFA	**Total Benzofluoranthenes**	**63**	**66**

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	66.0%	2-Fluorobiphenyl	78.8%
d14-p-Terphenyl	74.4%	d4-1,2-Dichlorobenzene	64.8%
d5-Phenol	70.7%	2-Fluorophenol	64.3%
2,4,6-Tribromophenol	80.8%	d4-2-Chlorophenol	70.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B4-SO-13
SAMPLE

Lab Sample ID: SE67J
LIMS ID: 11-790
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 22:37
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 8.25 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 9.2%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	180	< 180 U
111-44-4	Bis-(2-Chloroethyl) Ether	180	< 180 U
95-57-8	2-Chlorophenol	180	< 180 U
541-73-1	1,3-Dichlorobenzene	180	< 180 U
106-46-7	1,4-Dichlorobenzene	180	< 180 U
100-51-6	Benzyl Alcohol	910	< 910 U
95-50-1	1,2-Dichlorobenzene	180	< 180 U
95-48-7	2-Methylphenol	180	< 180 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	180	< 180 U
106-44-5	4-Methylphenol	180	< 180 U
621-64-7	N-Nitroso-Di-N-Propylamine	180	< 180 U
67-72-1	Hexachloroethane	180	< 180 U
98-95-3	Nitrobenzene	180	< 180 U
78-59-1	Isophorone	180	< 180 U
88-75-5	2-Nitrophenol	180	< 180 U
105-67-9	2,4-Dimethylphenol	180	< 180 U
65-85-0	Benzoic Acid	1,800	< 1,800 U
111-91-1	bis(2-Chloroethoxy) Methane	180	< 180 U
120-83-2	2,4-Dichlorophenol	910	< 910 U
120-82-1	1,2,4-Trichlorobenzene	180	< 180 U
91-20-3	Naphthalene	180	< 180 U
106-47-8	4-Chloroaniline	910	< 910 U
87-68-3	Hexachlorobutadiene	180	< 180 U
59-50-7	4-Chloro-3-methylphenol	910	< 910 U
91-57-6	2-Methylnaphthalene	180	< 180 U
77-47-4	Hexachlorocyclopentadiene	910	< 910 U
88-06-2	2,4,6-Trichlorophenol	910	< 910 U
95-95-4	2,4,5-Trichlorophenol	910	< 910 U
91-58-7	2-Chloronaphthalene	180	< 180 U
88-74-4	2-Nitroaniline	910	< 910 U
131-11-3	Dimethylphthalate	180	< 180 U
208-96-8	Acenaphthylene	180	< 180 U
99-09-2	3-Nitroaniline	910	< 910 U
83-32-9	Acenaphthene	180	< 180 U
51-28-5	2,4-Dinitrophenol	1,800	< 1,800 U
100-02-7	4-Nitrophenol	910	< 910 U
132-64-9	Dibenzofuran	180	< 180 U
606-20-2	2,6-Dinitrotoluene	910	< 910 U
121-14-2	2,4-Dinitrotoluene	910	< 910 U
84-66-2	Diethylphthalate	180	< 180 U
7005-72-3	4-Chlorophenyl-phenylether	180	< 180 U
86-73-7	Fluorene	180	< 180 U
100-01-6	4-Nitroaniline	910	< 910 U
534-52-1	4,6-Dinitro-2-Methylphenol	1,800	< 1,800 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B4-SO-13
SAMPLE

Lab Sample ID: SE67J
LIMS ID: 11-790
Matrix: Soil
Date Analyzed: 01/21/11 22:37

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	180	< 180 U
101-55-3	4-Bromophenyl-phenylether	180	< 180 U
118-74-1	Hexachlorobenzene	180	< 180 U
87-86-5	Pentachlorophenol	910	< 910 U
85-01-8	Phenanthrene	180	< 180 U
86-74-8	Carbazole	180	< 180 U
120-12-7	Anthracene	180	< 180 U
84-74-2	Di-n-Butylphthalate	180	< 180 U
206-44-0	Fluoranthene	180	< 180 U
129-00-0	Pyrene	180	< 180 U
85-68-7	Butylbenzylphthalate	180	< 180 U
91-94-1	3,3'-Dichlorobenzidine	910	< 910 U
56-55-3	Benzo(a)anthracene	180	< 180 U
117-81-7	bis(2-Ethylhexyl)phthalate	180	< 180 U
218-01-9	Chrysene	180	< 180 U
117-84-0	Di-n-Octyl phthalate	180	< 180 U
50-32-8	Benzo(a)pyrene	180	< 180 U
193-39-5	Indeno(1,2,3-cd)pyrene	180	< 180 U
53-70-3	Dibenz(a,h)anthracene	180	< 180 U
191-24-2	Benzo(g,h,i)perylene	180	< 180 U
90-12-0	1-Methylnaphthalene	180	< 180 U
TOTBFA	Total Benzofluoranthenes	180	< 180 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	69.2%	2-Fluorobiphenyl	79.1%
d14-p-Terphenyl	73.8%	d4-1,2-Dichlorobenzene	68.5%
d5-Phenol	73.8%	2-Fluorophenol	69.1%
2,4,6-Tribromophenol	72.3%	d4-2-Chlorophenol	74.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B4-SO-23
SAMPLE

Lab Sample ID: SE67K
LIMS ID: 11-791
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 23:10
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 7.91 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 28.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	63	< 63 U
111-44-4	Bis-(2-Chloroethyl) Ether	63	< 63 U
95-57-8	2-Chlorophenol	63	< 63 U
541-73-1	1,3-Dichlorobenzene	63	< 63 U
106-46-7	1,4-Dichlorobenzene	63	< 63 U
100-51-6	Benzyl Alcohol	320	< 320 U
95-50-1	1,2-Dichlorobenzene	63	< 63 U
95-48-7	2-Methylphenol	63	< 63 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	63	< 63 U
106-44-5	4-Methylphenol	63	< 63 U
621-64-7	N-Nitroso-Di-N-Propylamine	63	< 63 U
67-72-1	Hexachloroethane	63	< 63 U
98-95-3	Nitrobenzene	63	< 63 U
78-59-1	Isophorone	63	< 63 U
88-75-5	2-Nitrophenol	63	< 63 U
105-67-9	2,4-Dimethylphenol	63	< 63 U
65-85-0	Benzoic Acid	630	< 630 U
111-91-1	bis(2-Chloroethoxy) Methane	63	< 63 U
120-83-2	2,4-Dichlorophenol	320	< 320 U
120-82-1	1,2,4-Trichlorobenzene	63	< 63 U
91-20-3	Naphthalene	63	< 63 U
106-47-8	4-Chloroaniline	320	< 320 U
87-68-3	Hexachlorobutadiene	63	< 63 U
59-50-7	4-Chloro-3-methylphenol	320	< 320 U
91-57-6	2-Methylnaphthalene	63	< 63 U
77-47-4	Hexachlorocyclopentadiene	320	< 320 U
88-06-2	2,4,6-Trichlorophenol	320	< 320 U
95-95-4	2,4,5-Trichlorophenol	320	< 320 U
91-58-7	2-Chloronaphthalene	63	< 63 U
88-74-4	2-Nitroaniline	320	< 320 U
131-11-3	Dimethylphthalate	63	< 63 U
208-96-8	Acenaphthylene	63	< 63 U
99-09-2	3-Nitroaniline	320	< 320 U
83-32-9	Acenaphthene	63	< 63 U
51-28-5	2,4-Dinitrophenol	630	< 630 U
100-02-7	4-Nitrophenol	320	< 320 U
132-64-9	Dibenzofuran	63	< 63 U
606-20-2	2,6-Dinitrotoluene	320	< 320 U
121-14-2	2,4-Dinitrotoluene	320	< 320 U
84-66-2	Diethylphthalate	63	< 63 U
7005-72-3	4-Chlorophenyl-phenylether	63	< 63 U
86-73-7	Fluorene	63	< 63 U
100-01-6	4-Nitroaniline	320	< 320 U
534-52-1	4,6-Dinitro-2-Methylphenol	630	< 630 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B4-SO-23
SAMPLE

Lab Sample ID: SE67K
LIMS ID: 11-791
Matrix: Soil
Date Analyzed: 01/21/11 23:10

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	63	< 63 U
101-55-3	4-Bromophenyl-phenylether	63	< 63 U
118-74-1	Hexachlorobenzene	63	< 63 U
87-86-5	Pentachlorophenol	320	< 320 U
85-01-8	Phenanthrene	63	< 63 U
86-74-8	Carbazole	63	< 63 U
120-12-7	Anthracene	63	< 63 U
84-74-2	Di-n-Butylphthalate	63	< 63 U
206-44-0	Fluoranthene	63	< 63 U
129-00-0	Pyrene	63	< 63 U
85-68-7	Butylbenzylphthalate	63	< 63 U
91-94-1	3,3'-Dichlorobenzidine	320	< 320 U
56-55-3	Benzo(a)anthracene	63	< 63 U
117-81-7	bis(2-Ethylhexyl)phthalate	63	< 63 U
218-01-9	Chrysene	63	< 63 U
117-84-0	Di-n-Octyl phthalate	63	< 63 U
50-32-8	Benzo(a)pyrene	63	< 63 U
193-39-5	Indeno(1,2,3-cd)pyrene	63	< 63 U
53-70-3	Dibenz(a,h)anthracene	63	< 63 U
191-24-2	Benzo(g,h,i)perylene	63	< 63 U
90-12-0	1-Methylnaphthalene	63	< 63 U
TOTBFA	Total Benzofluoranthenes	63	< 63 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	70.0%	2-Fluorobiphenyl	80.0%
d14-p-Terphenyl	77.2%	d4-1,2-Dichlorobenzene	72.8%
d5-Phenol	72.5%	2-Fluorophenol	66.4%
2,4,6-Tribromophenol	76.8%	d4-2-Chlorophenol	73.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-03
SAMPLE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 23:43
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 7.82 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 14.0%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	64	< 64 U
111-44-4	Bis-(2-Chloroethyl) Ether	64	< 64 U
95-57-8	2-Chlorophenol	64	< 64 U
541-73-1	1,3-Dichlorobenzene	64	< 64 U
106-46-7	1,4-Dichlorobenzene	64	< 64 U
100-51-6	Benzyl Alcohol	320	< 320 U
95-50-1	1,2-Dichlorobenzene	64	< 64 U
95-48-7	2-Methylphenol	64	< 64 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	64	< 64 U
106-44-5	4-Methylphenol	64	< 64 U
621-64-7	N-Nitroso-Di-N-Propylamine	64	< 64 U
67-72-1	Hexachloroethane	64	< 64 U
98-95-3	Nitrobenzene	64	< 64 U
78-59-1	Isophorone	64	< 64 U
88-75-5	2-Nitrophenol	64	< 64 U
105-67-9	2,4-Dimethylphenol	64	< 64 U
65-85-0	Benzoic Acid	640	< 640 U
111-91-1	bis(2-Chloroethoxy) Methane	64	< 64 U
120-83-2	2,4-Dichlorophenol	320	< 320 U
120-82-1	1,2,4-Trichlorobenzene	64	< 64 U
91-20-3	Naphthalene	64	< 64 U
106-47-8	4-Chloroaniline	320	< 320 U
87-68-3	Hexachlorobutadiene	64	< 64 U
59-50-7	4-Chloro-3-methylphenol	320	< 320 U
91-57-6	2-Methylnaphthalene	64	< 64 U
77-47-4	Hexachlorocyclopentadiene	320	< 320 U
88-06-2	2,4,6-Trichlorophenol	320	< 320 U
95-95-4	2,4,5-Trichlorophenol	320	< 320 U
91-58-7	2-Chloronaphthalene	64	< 64 U
88-74-4	2-Nitroaniline	320	< 320 U
131-11-3	Dimethylphthalate	64	< 64 U
208-96-8	Acenaphthylene	64	< 64 U
99-09-2	3-Nitroaniline	320	< 320 U
83-32-9	Acenaphthene	64	< 64 U
51-28-5	2,4-Dinitrophenol	640	< 640 U
100-02-7	4-Nitrophenol	320	< 320 U
132-64-9	Dibenzofuran	64	< 64 U
606-20-2	2,6-Dinitrotoluene	320	< 320 U
121-14-2	2,4-Dinitrotoluene	320	< 320 U
84-66-2	Diethylphthalate	64	< 64 U
7005-72-3	4-Chlorophenyl-phenylether	64	< 64 U
86-73-7	Fluorene	64	< 64 U
100-01-6	4-Nitroaniline	320	< 320 U
534-52-1	4,6-Dinitro-2-Methylphenol	640	< 640 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-03
SAMPLE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Date Analyzed: 01/21/11 23:43

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	64	< 64 U
101-55-3	4-Bromophenyl-phenylether	64	< 64 U
118-74-1	Hexachlorobenzene	64	< 64 U
87-86-5	Pentachlorophenol	320	< 320 U
85-01-8	Phenanthrene	64	< 64 U
86-74-8	Carbazole	64	< 64 U
120-12-7	Anthracene	64	< 64 U
84-74-2	**Di-n-Butylphthalate**	**64**	**120**
206-44-0	Fluoranthene	64	< 64 U
129-00-0	Pyrene	64	< 64 U
85-68-7	Butylbenzylphthalate	64	< 64 U
91-94-1	3,3'-Dichlorobenzidine	320	< 320 U
56-55-3	Benzo(a)anthracene	64	< 64 U
117-81-7	bis(2-Ethylhexyl)phthalate	64	< 64 U
218-01-9	Chrysene	64	< 64 U
117-84-0	Di-n-Octyl phthalate	64	< 64 U
50-32-8	Benzo(a)pyrene	64	< 64 U
193-39-5	Indeno(1,2,3-cd)pyrene	64	< 64 U
53-70-3	Dibenz(a,h)anthracene	64	< 64 U
191-24-2	Benzo(g,h,i)perylene	64	< 64 U
90-12-0	1-Methylnaphthalene	64	< 64 U
TOTBFA	Total Benzofluoranthenes	64	< 64 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	66.0%	2-Fluorobiphenyl	79.6%
d14-p-Terphenyl	76.0%	d4-1,2-Dichlorobenzene	68.4%
d5-Phenol	69.1%	2-Fluorophenol	59.2%
2,4,6-Tribromophenol	76.0%	d4-2-Chlorophenol	69.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-03
MATRIX SPIKE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 00:15
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 7.77 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 14.0%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	64	---
111-44-4	Bis-(2-Chloroethyl) Ether	64	---
95-57-8	2-Chlorophenol	64	---
541-73-1	1,3-Dichlorobenzene	64	---
106-46-7	1,4-Dichlorobenzene	64	---
100-51-6	Benzyl Alcohol	320	---
95-50-1	1,2-Dichlorobenzene	64	---
95-48-7	2-Methylphenol	64	---
108-60-1	2,2'-Oxybis(1-Chloropropane)	64	---
106-44-5	4-Methylphenol	64	---
621-64-7	N-Nitroso-Di-N-Propylamine	64	---
67-72-1	Hexachloroethane	64	---
98-95-3	Nitrobenzene	64	---
78-59-1	Isophorone	64	---
88-75-5	2-Nitrophenol	64	---
105-67-9	2,4-Dimethylphenol	64	---
65-85-0	Benzoic Acid	640	---
111-91-1	bis(2-Chloroethoxy) Methane	64	---
120-83-2	2,4-Dichlorophenol	320	---
120-82-1	1,2,4-Trichlorobenzene	64	---
91-20-3	Naphthalene	64	---
106-47-8	4-Chloroaniline	320	---
87-68-3	Hexachlorobutadiene	64	---
59-50-7	4-Chloro-3-methylphenol	320	---
91-57-6	2-Methylnaphthalene	64	---
77-47-4	Hexachlorocyclopentadiene	320	---
88-06-2	2,4,6-Trichlorophenol	320	---
95-95-4	2,4,5-Trichlorophenol	320	---
91-58-7	2-Chloronaphthalene	64	---
88-74-4	2-Nitroaniline	320	---
131-11-3	Dimethylphthalate	64	---
208-96-8	Acenaphthylene	64	---
99-09-2	3-Nitroaniline	320	---
83-32-9	Acenaphthene	64	---
51-28-5	2,4-Dinitrophenol	640	---
100-02-7	4-Nitrophenol	320	---
132-64-9	Dibenzofuran	64	---
606-20-2	2,6-Dinitrotoluene	320	---
121-14-2	2,4-Dinitrotoluene	320	---
84-66-2	Diethylphthalate	64	---
7005-72-3	4-Chlorophenyl-phenylether	64	---
86-73-7	Fluorene	64	---
100-01-6	4-Nitroaniline	320	---
534-52-1	4,6-Dinitro-2-Methylphenol	640	---

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-03
MATRIX SPIKE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Date Analyzed: 01/22/11 00:15

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	64	---
101-55-3	4-Bromophenyl-phenylether	64	---
118-74-1	Hexachlorobenzene	64	---
87-86-5	Pentachlorophenol	320	---
85-01-8	Phenanthrene	64	---
86-74-8	Carbazole	64	---
120-12-7	Anthracene	64	---
84-74-2	Di-n-Butylphthalate	64	---
206-44-0	Fluoranthene	64	---
129-00-0	Pyrene	64	---
85-68-7	Butylbenzylphthalate	64	---
91-94-1	3,3'-Dichlorobenzidine	320	---
56-55-3	Benzo(a)anthracene	64	---
117-81-7	bis(2-Ethylhexyl)phthalate	64	---
218-01-9	Chrysene	64	---
117-84-0	Di-n-Octyl phthalate	64	---
50-32-8	Benzo(a)pyrene	64	---
193-39-5	Indeno(1,2,3-cd)pyrene	64	---
53-70-3	Dibenz(a,h)anthracene	64	---
191-24-2	Benzo(g,h,i)perylene	64	---
90-12-0	1-Methylnaphthalene	64	---
TOTBFA	Total Benzofluoranthenes	64	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	68.8%	2-Fluorobiphenyl	80.4%
d14-p-Terphenyl	74.4%	d4-1,2-Dichlorobenzene	70.0%
d5-Phenol	73.3%	2-Fluorophenol	68.8%
2,4,6-Tribromophenol	87.7%	d4-2-Chlorophenol	73.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-03
MATRIX SPIKE DUPLICATE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 00:48
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 7.80 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 14.0%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	64	---
111-44-4	Bis-(2-Chloroethyl) Ether	64	---
95-57-8	2-Chlorophenol	64	---
541-73-1	1,3-Dichlorobenzene	64	---
106-46-7	1,4-Dichlorobenzene	64	---
100-51-6	Benzyl Alcohol	320	---
95-50-1	1,2-Dichlorobenzene	64	---
95-48-7	2-Methylphenol	64	---
108-60-1	2,2'-Oxybis(1-Chloropropane)	64	---
106-44-5	4-Methylphenol	64	---
621-64-7	N-Nitroso-Di-N-Propylamine	64	---
67-72-1	Hexachloroethane	64	---
98-95-3	Nitrobenzene	64	---
78-59-1	Isophorone	64	---
88-75-5	2-Nitrophenol	64	---
105-67-9	2,4-Dimethylphenol	64	---
65-85-0	Benzoic Acid	640	---
111-91-1	bis(2-Chloroethoxy) Methane	64	---
120-83-2	2,4-Dichlorophenol	320	---
120-82-1	1,2,4-Trichlorobenzene	64	---
91-20-3	Naphthalene	64	---
106-47-8	4-Chloroaniline	320	---
87-68-3	Hexachlorobutadiene	64	---
59-50-7	4-Chloro-3-methylphenol	320	---
91-57-6	2-Methylnaphthalene	64	---
77-47-4	Hexachlorocyclopentadiene	320	---
88-06-2	2,4,6-Trichlorophenol	320	---
95-95-4	2,4,5-Trichlorophenol	320	---
91-58-7	2-Chloronaphthalene	64	---
88-74-4	2-Nitroaniline	320	---
131-11-3	Dimethylphthalate	64	---
208-96-8	Acenaphthylene	64	---
99-09-2	3-Nitroaniline	320	---
83-32-9	Acenaphthene	64	---
51-28-5	2,4-Dinitrophenol	640	---
100-02-7	4-Nitrophenol	320	---
132-64-9	Dibenzofuran	64	---
606-20-2	2,6-Dinitrotoluene	320	---
121-14-2	2,4-Dinitrotoluene	320	---
84-66-2	Diethylphthalate	64	---
7005-72-3	4-Chlorophenyl-phenylether	64	---
86-73-7	Fluorene	64	---
100-01-6	4-Nitroaniline	320	---
534-52-1	4,6-Dinitro-2-Methylphenol	640	---

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-03
MATRIX SPIKE DUPLICATE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Date Analyzed: 01/22/11 00:48

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	64	---
101-55-3	4-Bromophenyl-phenylether	64	---
118-74-1	Hexachlorobenzene	64	---
87-86-5	Pentachlorophenol	320	---
85-01-8	Phenanthrene	64	---
86-74-8	Carbazole	64	---
120-12-7	Anthracene	64	---
84-74-2	Di-n-Butylphthalate	64	---
206-44-0	Fluoranthene	64	---
129-00-0	Pyrene	64	---
85-68-7	Butylbenzylphthalate	64	---
91-94-1	3,3'-Dichlorobenzidine	320	---
56-55-3	Benzo(a)anthracene	64	---
117-81-7	bis(2-Ethylhexyl)phthalate	64	---
218-01-9	Chrysene	64	---
117-84-0	Di-n-Octyl phthalate	64	---
50-32-8	Benzo(a)pyrene	64	---
193-39-5	Indeno(1,2,3-cd)pyrene	64	---
53-70-3	Dibenz(a,h)anthracene	64	---
191-24-2	Benzo(g,h,i)perylene	64	---
90-12-0	1-Methylnaphthalene	64	---
TOTBFA	Total Benzofluoranthenes	64	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.0%	2-Fluorobiphenyl	75.2%
d14-p-Terphenyl	71.2%	d4-1,2-Dichlorobenzene	65.2%
d5-Phenol	68.8%	2-Fluorophenol	64.8%
2,4,6-Tribromophenol	84.0%	d4-2-Chlorophenol	69.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-08
SAMPLE

Lab Sample ID: SE67M
LIMS ID: 11-793
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 01:21
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 7.96 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 20.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	63	< 63 U
111-44-4	Bis-(2-Chloroethyl) Ether	63	< 63 U
95-57-8	2-Chlorophenol	63	< 63 U
541-73-1	1,3-Dichlorobenzene	63	< 63 U
106-46-7	1,4-Dichlorobenzene	63	< 63 U
100-51-6	Benzyl Alcohol	310	< 310 U
95-50-1	1,2-Dichlorobenzene	63	< 63 U
95-48-7	2-Methylphenol	63	< 63 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	63	< 63 U
106-44-5	4-Methylphenol	63	< 63 U
621-64-7	N-Nitroso-Di-N-Propylamine	63	< 63 U
67-72-1	Hexachloroethane	63	< 63 U
98-95-3	Nitrobenzene	63	< 63 U
78-59-1	Isophorone	63	< 63 U
88-75-5	2-Nitrophenol	63	< 63 U
105-67-9	2,4-Dimethylphenol	63	< 63 U
65-85-0	Benzoic Acid	630	< 630 U
111-91-1	bis(2-Chloroethoxy) Methane	63	< 63 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
120-82-1	1,2,4-Trichlorobenzene	63	< 63 U
91-20-3	Naphthalene	63	< 63 U
106-47-8	4-Chloroaniline	310	< 310 U
87-68-3	Hexachlorobutadiene	63	< 63 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	63	< 63 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	63	< 63 U
88-74-4	2-Nitroaniline	310	< 310 U
131-11-3	Dimethylphthalate	63	< 63 U
208-96-8	Acenaphthylene	63	< 63 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	63	< 63 U
51-28-5	2,4-Dinitrophenol	630	< 630 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	63	< 63 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	63	< 63 U
7005-72-3	4-Chlorophenyl-phenylether	63	< 63 U
86-73-7	Fluorene	63	< 63 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	630	< 630 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-08
SAMPLE

Lab Sample ID: SE67M
LIMS ID: 11-793
Matrix: Soil
Date Analyzed: 01/22/11 01:21

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	63	< 63 U
101-55-3	4-Bromophenyl-phenylether	63	< 63 U
118-74-1	Hexachlorobenzene	63	< 63 U
87-86-5	Pentachlorophenol	310	< 310 U
85-01-8	**Phenanthrene**	**63**	**91**
86-74-8	Carbazole	63	< 63 U
120-12-7	Anthracene	63	< 63 U
84-74-2	**Di-n-Butylphthalate**	**63**	**790**
206-44-0	Fluoranthene	63	< 63 U
129-00-0	Pyrene	63	< 63 U
85-68-7	Butylbenzylphthalate	63	< 63 U
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	63	< 63 U
117-81-7	bis(2-Ethylhexyl)phthalate	63	< 63 U
218-01-9	Chrysene	63	< 63 U
117-84-0	Di-n-Octyl phthalate	63	< 63 U
50-32-8	Benzo(a)pyrene	63	< 63 U
193-39-5	Indeno(1,2,3-cd)pyrene	63	< 63 U
53-70-3	Dibenz(a,h)anthracene	63	< 63 U
191-24-2	Benzo(g,h,i)perylene	63	< 63 U
90-12-0	1-Methylnaphthalene	63	< 63 U
TOTBFA	Total Benzofluoranthenes	63	< 63 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.6%	2-Fluorobiphenyl	74.4%
d14-p-Terphenyl	69.2%	d4-1,2-Dichlorobenzene	61.2%
d5-Phenol	64.3%	2-Fluorophenol	58.4%
2,4,6-Tribromophenol	76.0%	d4-2-Chlorophenol	64.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-13
SAMPLE

Lab Sample ID: SE67N
LIMS ID: 11-794
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 01:54
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 8.12 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 27.0%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
106-46-7	1,4-Dichlorobenzene	62	< 62 U
100-51-6	Benzyl Alcohol	310	< 310 U
95-50-1	1,2-Dichlorobenzene	62	< 62 U
95-48-7	2-Methylphenol	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
621-64-7	N-Nitroso-Di-N-Propylamine	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	62	< 62 U
105-67-9	2,4-Dimethylphenol	62	< 62 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
120-82-1	1,2,4-Trichlorobenzene	62	< 62 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
87-68-3	Hexachlorobutadiene	62	< 62 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
131-11-3	Dimethylphthalate	62	< 62 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-13
SAMPLE

Lab Sample ID: SE67N
LIMS ID: 11-794
Matrix: Soil
Date Analyzed: 01/22/11 01:54

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	62	< 62 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
118-74-1	Hexachlorobenzene	62	< 62 U
87-86-5	Pentachlorophenol	310	< 310 U
85-01-8	Phenanthrene	62	< 62 U
86-74-8	Carbazole	62	< 62 U
120-12-7	Anthracene	62	< 62 U
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	< 62 U
129-00-0	Pyrene	62	< 62 U
85-68-7	Butylbenzylphthalate	62	< 62 U
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	62	< 62 U
117-81-7	bis(2-Ethylhexyl)phthalate	62	< 62 U
218-01-9	Chrysene	62	< 62 U
117-84-0	Di-n-Octyl phthalate	62	< 62 U
50-32-8	Benzo(a)pyrene	62	< 62 U
193-39-5	Indeno(1,2,3-cd)pyrene	62	< 62 U
53-70-3	Dibenz(a,h)anthracene	62	< 62 U
191-24-2	Benzo(g,h,i)perylene	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U
TOTBFA	Total Benzofluoranthenes	62	< 62 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.0%	2-Fluorobiphenyl	67.2%
d14-p-Terphenyl	68.0%	d4-1,2-Dichlorobenzene	57.2%
d5-Phenol	58.7%	2-Fluorophenol	54.7%
2,4,6-Tribromophenol	68.5%	d4-2-Chlorophenol	59.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B2-SO-03
SAMPLE

Lab Sample ID: SE67O
LIMS ID: 11-795
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 02:26
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 8.31 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 8.4%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	60	< 60 U
111-44-4	Bis-(2-Chloroethyl) Ether	60	< 60 U
95-57-8	2-Chlorophenol	60	< 60 U
541-73-1	1,3-Dichlorobenzene	60	< 60 U
106-46-7	1,4-Dichlorobenzene	60	< 60 U
100-51-6	Benzyl Alcohol	300	< 300 U
95-50-1	1,2-Dichlorobenzene	60	< 60 U
95-48-7	2-Methylphenol	60	< 60 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	60	< 60 U
106-44-5	4-Methylphenol	60	< 60 U
621-64-7	N-Nitroso-Di-N-Propylamine	60	< 60 U
67-72-1	Hexachloroethane	60	< 60 U
98-95-3	Nitrobenzene	60	< 60 U
78-59-1	Isophorone	60	< 60 U
88-75-5	2-Nitrophenol	60	< 60 U
105-67-9	2,4-Dimethylphenol	60	< 60 U
65-85-0	Benzoic Acid	600	< 600 U
111-91-1	bis(2-Chloroethoxy) Methane	60	< 60 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
120-82-1	1,2,4-Trichlorobenzene	60	< 60 U
91-20-3	Naphthalene	60	< 60 U
106-47-8	4-Chloroaniline	300	< 300 U
87-68-3	Hexachlorobutadiene	60	< 60 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	60	< 60 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	60	< 60 U
88-74-4	2-Nitroaniline	300	< 300 U
131-11-3	Dimethylphthalate	60	< 60 U
208-96-8	Acenaphthylene	60	< 60 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	60	< 60 U
51-28-5	2,4-Dinitrophenol	600	< 600 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	60	< 60 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	60	< 60 U
7005-72-3	4-Chlorophenyl-phenylether	60	< 60 U
86-73-7	Fluorene	60	< 60 U
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	600	< 600 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B2-SO-03
SAMPLE

Lab Sample ID: SE67O
LIMS ID: 11-795
Matrix: Soil
Date Analyzed: 01/22/11 02:26

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	60	< 60 U
101-55-3	4-Bromophenyl-phenylether	60	< 60 U
118-74-1	Hexachlorobenzene	60	< 60 U
87-86-5	Pentachlorophenol	300	< 300 U
85-01-8	Phenanthrene	60	< 60 U
86-74-8	Carbazole	60	< 60 U
120-12-7	Anthracene	60	< 60 U
84-74-2	Di-n-Butylphthalate	60	< 60 U
206-44-0	Fluoranthene	60	< 60 U
129-00-0	Pyrene	60	< 60 U
85-68-7	Butylbenzylphthalate	60	< 60 U
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo(a)anthracene	60	< 60 U
117-81-7	bis(2-Ethylhexyl)phthalate	60	< 60 U
218-01-9	Chrysene	60	< 60 U
117-84-0	Di-n-Octyl phthalate	60	< 60 U
50-32-8	Benzo(a)pyrene	60	< 60 U
193-39-5	Indeno(1,2,3-cd)pyrene	60	< 60 U
53-70-3	Dibenz(a,h)anthracene	60	< 60 U
191-24-2	Benzo(g,h,i)perylene	60	< 60 U
90-12-0	1-Methylnaphthalene	60	< 60 U
TOTBFA	Total Benzofluoranthenes	60	< 60 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.2%	2-Fluorobiphenyl	70.4%
d14-p-Terphenyl	70.8%	d4-1,2-Dichlorobenzene	62.0%
d5-Phenol	58.4%	2-Fluorophenol	49.6%
2,4,6-Tribromophenol	62.7%	d4-2-Chlorophenol	60.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: MB-011811
METHOD BLANK

Lab Sample ID: MB-011811
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: NA
Date Received: NA

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 15:31
Instrument/Analyst: NT6/JZ
GPC Cleanup: Yes

Sample Amount: 7.50 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	67	< 67 U
111-44-4	Bis-(2-Chloroethyl) Ether	67	< 67 U
95-57-8	2-Chlorophenol	67	< 67 U
541-73-1	1,3-Dichlorobenzene	67	< 67 U
106-46-7	1,4-Dichlorobenzene	67	< 67 U
100-51-6	Benzyl Alcohol	330	< 330 U
95-50-1	1,2-Dichlorobenzene	67	< 67 U
95-48-7	2-Methylphenol	67	< 67 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	67	< 67 U
106-44-5	4-Methylphenol	67	< 67 U
621-64-7	N-Nitroso-Di-N-Propylamine	67	< 67 U
67-72-1	Hexachloroethane	67	< 67 U
98-95-3	Nitrobenzene	67	< 67 U
78-59-1	Isophorone	67	< 67 U
88-75-5	2-Nitrophenol	67	< 67 U
105-67-9	2,4-Dimethylphenol	67	< 67 U
65-85-0	Benzoic Acid	670	< 670 U
111-91-1	bis(2-Chloroethoxy) Methane	67	< 67 U
120-83-2	2,4-Dichlorophenol	330	< 330 U
120-82-1	1,2,4-Trichlorobenzene	67	< 67 U
91-20-3	Naphthalene	67	< 67 U
106-47-8	4-Chloroaniline	330	< 330 U
87-68-3	Hexachlorobutadiene	67	< 67 U
59-50-7	4-Chloro-3-methylphenol	330	< 330 U
91-57-6	2-Methylnaphthalene	67	< 67 U
77-47-4	Hexachlorocyclopentadiene	330	< 330 U
88-06-2	2,4,6-Trichlorophenol	330	< 330 U
95-95-4	2,4,5-Trichlorophenol	330	< 330 U
91-58-7	2-Chloronaphthalene	67	< 67 U
88-74-4	2-Nitroaniline	330	< 330 U
131-11-3	Dimethylphthalate	67	< 67 U
208-96-8	Acenaphthylene	67	< 67 U
99-09-2	3-Nitroaniline	330	< 330 U
83-32-9	Acenaphthene	67	< 67 U
51-28-5	2,4-Dinitrophenol	670	< 670 U
100-02-7	4-Nitrophenol	330	< 330 U
132-64-9	Dibenzofuran	67	< 67 U
606-20-2	2,6-Dinitrotoluene	330	< 330 U
121-14-2	2,4-Dinitrotoluene	330	< 330 U
84-66-2	Diethylphthalate	67	< 67 U
7005-72-3	4-Chlorophenyl-phenylether	67	< 67 U
86-73-7	Fluorene	67	< 67 U
100-01-6	4-Nitroaniline	330	< 330 U
534-52-1	4,6-Dinitro-2-Methylphenol	670	< 670 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: MB-011811
METHOD BLANK

Lab Sample ID: MB-011811
LIMS ID: 11-792
Matrix: Soil
Date Analyzed: 01/21/11 15:31

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

CAS Number	Analyte	RL	Result
86-30-6	N-Nitrosodiphenylamine	67	< 67 U
101-55-3	4-Bromophenyl-phenylether	67	< 67 U
118-74-1	Hexachlorobenzene	67	< 67 U
87-86-5	Pentachlorophenol	330	< 330 U
85-01-8	Phenanthrene	67	< 67 U
86-74-8	Carbazole	67	< 67 U
120-12-7	Anthracene	67	< 67 U
84-74-2	Di-n-Butylphthalate	67	< 67 U
206-44-0	Fluoranthene	67	< 67 U
129-00-0	Pyrene	67	< 67 U
85-68-7	Butylbenzylphthalate	67	< 67 U
91-94-1	3,3'-Dichlorobenzidine	330	< 330 U
56-55-3	Benzo(a)anthracene	67	< 67 U
117-81-7	bis(2-Ethylhexyl)phthalate	67	< 67 U
218-01-9	Chrysene	67	< 67 U
117-84-0	Di-n-Octyl phthalate	67	< 67 U
50-32-8	Benzo(a)pyrene	67	< 67 U
193-39-5	Indeno(1,2,3-cd)pyrene	67	< 67 U
53-70-3	Dibenz(a,h)anthracene	67	< 67 U
191-24-2	Benzo(g,h,i)perylene	67	< 67 U
90-12-0	1-Methylnaphthalene	67	< 67 U
TOTBFA	Total Benzofluoranthenes	67	< 67 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	70.4%	2-Fluorobiphenyl	77.6%
d14-p-Terphenyl	97.2%	d4-1,2-Dichlorobenzene	74.4%
d5-Phenol	77.1%	2-Fluorophenol	72.3%
2,4,6-Tribromophenol	71.2%	d4-2-Chlorophenol	76.8%

ANALYTICAL RESOURCES INCORPORATED

SW8270 SEMIVOLATILES SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

Client ID	NBZ	FBP	TPH	DCB	PHL	2FP	TBP	2CP	TOT OUT
JF-T3B2-SO-08	58.4%	65.6%	86.0%	61.2%	63.7%	58.9%	56.5%	63.5%	0
JF-T3B2-SO-13	62.8%	68.4%	79.6%	64.8%	66.9%	64.3%	57.1%	68.5%	0
JF-T3B2-SO-13-D	64.0%	70.8%	81.6%	67.2%	69.9%	66.7%	57.3%	70.7%	0
JF-T3B1-SO-03	67.6%	73.6%	86.4%	69.6%	71.5%	68.3%	62.4%	72.3%	0
JF-T3B1-SO-08	62.0%	68.8%	89.6%	63.6%	67.5%	62.4%	61.3%	66.7%	0
JF-T3B1-SO-13	73.2%	73.6%	77.6%	66.0%	69.1%	65.3%	73.1%	69.3%	0
JF-T2B4-SO-18	70.4%	84.8%	90.0%	66.8%	70.1%	58.9%	90.1%	68.5%	0
JF-T2B4-SO-18 DL	65.8%	84.2%	81.4%	68.4%	67.9%	54.7%	69.9%	67.1%	0
JF-T2B4-SO-23	65.2%	78.4%	82.8%	62.0%	70.9%	58.7%	91.2%	68.8%	0
JF-T3B4-SO-03	66.0%	78.8%	74.4%	64.8%	70.7%	64.3%	80.8%	70.9%	0
JF-T3B4-SO-13	69.2%	79.1%	73.8%	68.5%	73.8%	69.1%	72.3%	74.5%	0
JF-T3B4-SO-23	70.0%	80.0%	77.2%	72.8%	72.5%	66.4%	76.8%	73.9%	0
MB-011811	70.4%	77.6%	97.2%	74.4%	77.1%	72.3%	71.2%	76.8%	0
LCS-011811	72.0%	81.6%	100%	72.4%	76.8%	73.9%	79.2%	77.6%	0
LCSD-011811	72.0%	82.0%	97.6%	72.4%	77.6%	73.3%	82.9%	77.3%	0
JF-T3B3-SO-03	66.0%	79.6%	76.0%	68.4%	69.1%	59.2%	76.0%	69.3%	0
JF-T3B3-SO-03 MS	68.8%	80.4%	74.4%	70.0%	73.3%	68.8%	87.7%	73.3%	0
JF-T3B3-SO-03 MSD	64.0%	75.2%	71.2%	65.2%	68.8%	64.8%	84.0%	69.6%	0
JF-T3B3-SO-08	59.6%	74.4%	69.2%	61.2%	64.3%	58.4%	76.0%	64.3%	0
JF-T3B3-SO-13	56.0%	67.2%	68.0%	57.2%	58.7%	54.7%	68.5%	59.2%	0
JF-T3B2-SO-03	59.2%	70.4%	70.8%	62.0%	58.4%	49.6%	62.7%	60.3%	0

	LCS/MB LIMITS	QC LIMITS
(NBZ) = d5-Nitrobenzene	(46-102)	(32-106)
(FBP) = 2-Fluorobiphenyl	(51-105)	(39-107)
(TPH) = d14-p-Terphenyl	(55-124)	(31-130)
(DCB) = d4-1,2-Dichlorobenzene	(48-104)	(38-102)
(PHL) = d5-Phenol	(44-110)	(27-112)
(2FP) = 2-Fluorophenol	(38-112)	(22-108)
(TBP) = 2,4,6-Tribromophenol	(54-120)	(31-131)
(2CP) = d4-2-Chlorophenol	(50-103)	(36-104)

Prep Method: SW3546
Log Number Range: 11-781 to 11-795

FORM-II SW8270

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: LCS-011811
LCS/LCSD

Lab Sample ID: LCS-011811
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted LCS/LCSD: 01/18/11

Date Analyzed LCS: 01/21/11 16:03
LCSD: 01/21/11 16:36
Instrument/Analyst LCS: NT6/JZ
LCSD: NT6/JZ
GPC Cleanup: Yes

Sample Amount LCS: 7.50 g
LCSD: 7.50 g
Final Extract Volume LCS: 0.5 mL
LCSD: 0.5 mL
Dilution Factor LCS: 1.00
LCSD: 1.00
Percent Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Phenol	1190	1670	71.3%	1240	1670	74.3%	4.1%
Bis-(2-Chloroethyl) Ether	1170	1670	70.1%	1210	1670	72.5%	3.4%
2-Chlorophenol	1300	1670	77.8%	1350	1670	80.8%	3.8%
1,3-Dichlorobenzene	1150	1670	68.9%	1210	1670	72.5%	5.1%
1,4-Dichlorobenzene	1160	1670	69.5%	1210	1670	72.5%	4.2%
Benzyl Alcohol	2200	3330	66.1%	2320	3330	69.7%	5.3%
1,2-Dichlorobenzene	1180	1670	70.7%	1240	1670	74.3%	5.0%
2-Methylphenol	1100	1670	65.9%	1150	1670	68.9%	4.4%
2,2'-Oxybis(1-Chloropropane)	985 Q	1670	59.0%	1030 Q	1670	61.7%	4.5%
4-Methylphenol	2210	3330	66.4%	2320	3330	69.7%	4.9%
N-Nitroso-Di-N-Propylamine	1060	1670	63.5%	1130	1670	67.7%	6.4%
Hexachloroethane	1170	1670	70.1%	1220	1670	73.1%	4.2%
Nitrobenzene	1170	1670	70.1%	1220	1670	73.1%	4.2%
Isophorone	1280	1670	76.6%	1360	1670	81.4%	6.1%
2-Nitrophenol	1400	1670	83.8%	1460	1670	87.4%	4.2%
2,4-Dimethylphenol	1090	1670	65.3%	1150	1670	68.9%	5.4%
Benzoic Acid	3480	5000	69.6%	4030	5000	80.6%	14.6%
bis(2-Chloroethoxy) Methane	1140	1670	68.3%	1210	1670	72.5%	6.0%
2,4-Dichlorophenol	1390	1670	83.2%	1460	1670	87.4%	4.9%
1,2,4-Trichlorobenzene	1230	1670	73.7%	1280	1670	76.6%	4.0%
Naphthalene	1320	1670	79.0%	1380	1670	82.6%	4.4%
4-Chloroaniline	3440	4000	86.0%	3720	4000	93.0%	7.8%
Hexachlorobutadiene	1220	1670	73.1%	1270	1670	76.0%	4.0%
4-Chloro-3-methylphenol	1300	1670	77.8%	1400	1670	83.8%	7.4%
2-Methylnaphthalene	1160	1670	69.5%	1220	1670	73.1%	5.0%
Hexachlorocyclopentadiene	3510	5000	70.2%	3840	5000	76.8%	9.0%
2,4,6-Trichlorophenol	1430	1670	85.6%	1510	1670	90.4%	5.4%
2,4,5-Trichlorophenol	1280	1670	76.6%	1370	1670	82.0%	6.8%
2-Chloronaphthalene	1330	1670	79.6%	1400	1670	83.8%	5.1%
2-Nitroaniline	1170	1670	70.1%	1250	1670	74.9%	6.6%
Dimethylphthalate	1300	1670	77.8%	1400	1670	83.8%	7.4%
Acenaphthylene	1410	1670	84.4%	1480	1670	88.6%	4.8%
3-Nitroaniline	3710	4270	86.9%	4150	4270	97.2%	11.2%
Acenaphthene	1350	1670	80.8%	1430	1670	85.6%	5.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: LCSD-011811
LCS/LCSD

Lab Sample ID: LCS-011811
LIMS ID: 11-792
Matrix: Soil
Date Analyzed LCS: 01/21/11 16:03
LCSD: 01/21/11 16:36

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
2,4-Dinitrophenol	3240 Q	5000	64.8%	4140 Q	5000	82.8%	24.4%
4-Nitrophenol	1450	1670	86.8%	1620	1670	97.0%	11.1%
Dibenzofuran	1270	1670	76.0%	1340	1670	80.2%	5.4%
2,6-Dinitrotoluene	1330	1670	79.6%	1430	1670	85.6%	7.2%
2,4-Dinitrotoluene	1320	1670	79.0%	1410	1670	84.4%	6.6%
Diethylphthalate	1260	1670	75.4%	1340	1670	80.2%	6.2%
4-Chlorophenyl-phenylether	1240	1670	74.3%	1330	1670	79.6%	7.0%
Fluorene	1380	1670	82.6%	1460	1670	87.4%	5.6%
4-Nitroaniline	1160	1670	69.5%	1370	1670	82.0%	16.6%
4,6-Dinitro-2-Methylphenol	4250	5000	85.0%	4940	5000	98.8%	15.0%
N-Nitrosodiphenylamine	1310	1670	78.4%	1400	1670	83.8%	6.6%
4-Bromophenyl-phenylether	1280	1670	76.6%	1370	1670	82.0%	6.8%
Hexachlorobenzene	1250	1670	74.9%	1340	1670	80.2%	6.9%
Pentachlorophenol	1490	1670	89.2%	1630	1670	97.6%	9.0%
Phenanthrene	1440	1670	86.2%	1540	1670	92.2%	6.7%
Carbazole	1230	1670	73.7%	1380	1670	82.6%	11.5%
Anthracene	1400	1670	83.8%	1490	1670	89.2%	6.2%
Di-n-Butylphthalate	1330	1670	79.6%	1450	1670	86.8%	8.6%
Fluoranthene	1390	1670	83.2%	1520	1670	91.0%	8.9%
Pyrene	1770	1670	106%	1780	1670	107%	0.6%
Butylbenzylphthalate	1570	1670	94.0%	1660	1670	99.4%	5.6%
3,3'-Dichlorobenzidine	3400	4270	79.6%	3890	4270	91.1%	13.4%
Benzo(a)anthracene	1540	1670	92.2%	1620	1670	97.0%	5.1%
bis(2-Ethylhexyl)phthalate	1390	1670	83.2%	1410	1670	84.4%	1.4%
Chrysene	1550	1670	92.8%	1640	1670	98.2%	5.6%
Di-n-Octyl phthalate	1190	1670	71.3%	1210	1670	72.5%	1.7%
Benzo(a)pyrene	1380	1670	82.6%	1480	1670	88.6%	7.0%
Indeno(1,2,3-cd)pyrene	1770	1670	106%	1910	1670	114%	7.6%
Dibenz(a,h)anthracene	1740	1670	104%	1920	1670	115%	9.8%
Benzo(g,h,i)perylene	1840	1670	110%	2000	1670	120%	8.3%
1-Methylnaphthalene	1220	1670	73.1%	1290	1670	77.2%	5.6%
Total Benzofluoranthenes	2960	3330	88.9%	3190	3330	95.8%	7.5%

Semivolatile Surrogate Recovery

	LCS	LCSD
d5-Nitrobenzene	72.0%	72.0%
2-Fluorobiphenyl	81.6%	82.0%
d14-p-Terphenyl	100%	97.6%
d4-1,2-Dichlorobenzene	72.4%	72.4%
d5-Phenol	76.8%	77.6%
2-Fluorophenol	73.9%	73.3%
2,4,6-Tribromophenol	79.2%	82.9%
d4-2-Chlorophenol	77.6%	77.3%

Reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-03
MS/MSD

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/25/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted MS/MSD: 01/18/11

Date Analyzed MS: 01/22/11 00:15
MSD: 01/22/11 00:48
Instrument/Analyst MS: NT6/JZ
MSD: NT6/JZ
GPC Cleanup: Yes

Sample Amount MS: 7.77 g-dry-wt
MSD: 7.80 g-dry-wt
Final Extract Volume MS: 0.5 mL
MSD: 0.5 mL
Dilution Factor MS: 1.00
MSD: 1.00
Percent Moisture: 14.0 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	< 63.9 U	1080	1610	67.1%	1070	1600	66.9%	0.9%
Bis-(2-Chloroethyl) Ether	< 63.9 U	1090	1610	67.7%	1080	1600	67.5%	0.9%
2-Chlorophenol	< 63.9 U	1200	1610	74.5%	1170	1600	73.1%	2.5%
1,3-Dichlorobenzene	< 63.9 U	1060	1610	65.8%	1040	1600	65.0%	1.9%
1,4-Dichlorobenzene	< 63.9 U	1070	1610	66.5%	1050	1600	65.6%	1.9%
Benzyl Alcohol	< 320 U	2040	3220	63.4%	2000	3210	62.3%	2.0%
1,2-Dichlorobenzene	< 63.9 U	1090	1610	67.7%	1060	1600	66.2%	2.8%
2-Methylphenol	< 63.9 U	983	1610	61.1%	958	1600	59.9%	2.6%
2,2'-Oxybis(1-Chloropropane	< 63.9 U	963 Q	1610	59.8%	948 Q	1600	59.2%	1.6%
4-Methylphenol	< 63.9 U	2000	3220	62.1%	1990	3210	62.0%	0.5%
N-Nitroso-Di-N-Propylamine	< 63.9 U	989	1610	61.4%	971	1600	60.7%	1.8%
Hexachloroethane	< 63.9 U	1020	1610	63.4%	1010	1600	63.1%	1.0%
Nitrobenzene	< 63.9 U	1080	1610	67.1%	1080	1600	67.5%	0.0%
Isophorone	< 63.9 U	1180	1610	73.3%	1160	1600	72.5%	1.7%
2-Nitrophenol	< 63.9 U	1250	1610	77.6%	1260	1600	78.8%	0.8%
2,4-Dimethylphenol	< 63.9 U	702	1610	43.6%	676	1600	42.2%	3.8%
Benzoic Acid	< 639 U	1690	4830	35.0%	1690	4810	35.1%	0.0%
bis(2-Chloroethoxy) Methane	< 63.9 U	1070	1610	66.5%	1060	1600	66.2%	0.9%
2,4-Dichlorophenol	< 320 U	1330	1610	82.6%	1320	1600	82.5%	0.8%
1,2,4-Trichlorobenzene	< 63.9 U	1160	1610	72.0%	1160	1600	72.5%	0.0%
Naphthalene	< 63.9 U	1240	1610	77.0%	1230	1600	76.9%	0.8%
4-Chloroaniline	< 320 U	2850	3860	73.8%	2890	3850	75.1%	1.4%
Hexachlorobutadiene	< 63.9 U	1150	1610	71.4%	1140	1600	71.2%	0.9%
4-Chloro-3-methylphenol	< 320 U	1220	1610	75.8%	1240	1600	77.5%	1.6%
2-Methylnaphthalene	< 63.9 U	1120	1610	69.6%	1120	1600	70.0%	0.0%
Hexachlorocyclopentadiene	< 320 U	2220	4830	46.0%	2170	4810	45.1%	2.3%
2,4,6-Trichlorophenol	< 320 U	1380	1610	85.7%	1370	1600	85.6%	0.7%
2,4,5-Trichlorophenol	< 320 U	1250	1610	77.6%	1260	1600	78.8%	0.8%
2-Chloronaphthalene	< 63.9 U	1270	1610	78.9%	1250	1600	78.1%	1.6%
2-Nitroaniline	< 320 U	1130	1610	70.2%	1130	1600	70.6%	0.0%
Dimethylphthalate	< 63.9 U	1220	1610	75.8%	1210	1600	75.6%	0.8%
Acenaphthylene	< 63.9 U	1320	1610	82.0%	1290	1600	80.6%	2.3%
3-Nitroaniline	< 320 U	3330	4120	80.8%	3380	4100	82.4%	1.5%
Acenaphthene	< 63.9 U	1290	1610	80.1%	1280	1600	80.0%	0.8%
2,4-Dinitrophenol	< 639 U	858 Q	4830	17.8%	1120 Q	4810	23.3%	26.5%
4-Nitrophenol	< 320 U	1280	1610	79.5%	1310	1600	81.9%	2.3%
Dibenzofuran	< 63.9 U	1210	1610	75.2%	1210	1600	75.6%	0.0%
2,6-Dinitrotoluene	< 320 U	1240	1610	77.0%	1240	1600	77.5%	0.0%
2,4-Dinitrotoluene	< 320 U	1220	1610	75.8%	1230	1600	76.9%	0.8%
Diethylphthalate	< 63.9 U	1190	1610	73.9%	1190	1600	74.4%	0.0%
4-Chlorophenyl-phenylether	< 63.9 U	1210	1610	75.2%	1200	1600	75.0%	0.8%
Fluorene	< 63.9 U	1330	1610	82.6%	1320	1600	82.5%	0.8%
4-Nitroaniline	< 320 U	1140	1610	70.8%	1140	1600	71.2%	0.0%
4,6-Dinitro-2-Methylphenol	< 639 U	1590	4830	32.9%	1920	4810	39.9%	18.8%
N-Nitrosodiphenylamine	< 63.9 U	1200	1610	74.5%	1220	1600	76.2%	1.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS

Sample ID: JF-T3B3-SO-03
MS/MSD

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Date Analyzed MS: 01/22/11 00:15
MSD: 01/22/11 00:48

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
4-Bromophenyl-phenylether	< 63.9 U	1230	1610	76.4%	1240	1600	77.5%	0.8%
Hexachlorobenzene	< 63.9 U	1280	1610	79.5%	1280	1600	80.0%	0.0%
Pentachlorophenol	< 320 U	1430	1610	88.8%	1450	1600	90.6%	1.4%
Phenanthrene	< 63.9 U	1400	1610	87.0%	1400	1600	87.5%	0.0%
Carbazole	< 63.9 U	1310	1610	81.4%	1310	1600	81.9%	0.0%
Anthracene	< 63.9 U	1300	1610	80.7%	1320	1600	82.5%	1.5%
Di-n-Butylphthalate	120	1390	1610	78.9%	1420	1600	81.2%	2.1%
Fluoranthene	< 63.9 U	1480	1610	91.9%	1490	1600	93.1%	0.7%
Pyrene	< 63.9 U	1250	1610	77.6%	1280	1600	80.0%	2.4%
Butylbenzylphthalate	< 63.9 U	1190	1610	73.9%	1190	1600	74.4%	0.0%
3,3'-Dichlorobenzidine	< 320 U	2510	4120	60.9%	2640	4100	64.4%	5.0%
Benzo(a)anthracene	< 63.9 U	1400	1610	87.0%	1410	1600	88.1%	0.7%
bis(2-Ethylhexyl)phthalate	< 63.9 U	1150	1610	71.4%	1180	1600	73.8%	2.6%
Chrysene	< 63.9 U	1400	1610	87.0%	1400	1600	87.5%	0.0%
Di-n-Octyl phthalate	< 63.9 U	1060	1610	65.8%	1090	1600	68.1%	2.8%
Benzo(a)pyrene	< 63.9 U	1290	1610	80.1%	1320	1600	82.5%	2.3%
Indeno(1,2,3-cd)pyrene	< 63.9 U	1320	1610	82.0%	1360	1600	85.0%	3.0%
Dibenz(a,h)anthracene	< 63.9 U	1400	1610	87.0%	1430	1600	89.4%	2.1%
Benzo(g,h,i)perylene	< 63.9 U	1170	1610	72.7%	1200	1600	75.0%	2.5%
1-Methylnaphthalene	< 63.9 U	1170	1610	72.7%	1160	1600	72.5%	0.9%
Total Benzofluoranthenes	< 63.9 U	2850	3220	88.5%	2900	3210	90.3%	1.7%

Reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B2-SO-08
SAMPLE

Lab Sample ID: SE67A
LIMS ID: 11-781
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 20:00
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 24.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U
37324-23-5	Aroclor 1262	3.9	< 3.9 U
11100-14-4	Aroclor 1268	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	105%
Tetrachlorometaxylene	69.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B2-SO-13
SAMPLE

Lab Sample ID: SE67B
LIMS ID: 11-782
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 20:18
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 15.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 26.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	6.6	< 6.6 U
53469-21-9	Aroclor 1242	6.6	< 6.6 U
12672-29-6	Aroclor 1248	17	< 17 Y
11097-69-1	**Aroclor 1254**	**6.6**	**34**
11096-82-5	Aroclor 1260	6.6	< 6.6 U
11104-28-2	Aroclor 1221	6.6	< 6.6 U
11141-16-5	Aroclor 1232	6.6	< 6.6 U
37324-23-5	Aroclor 1262	6.6	< 6.6 U
11100-14-4	Aroclor 1268	6.6	< 6.6 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	111%
Tetrachlorometaxylene	76.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B2-SO-13-D
SAMPLE

Lab Sample ID: SE67C
LIMS ID: 11-783
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 20:37
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 11.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 26.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	8.4	< 8.4 U
53469-21-9	Aroclor 1242	8.4	< 8.4 U
12672-29-6	Aroclor 1248	21	< 21 Y
11097-69-1	**Aroclor 1254**	**8.4**	**54**
11096-82-5	Aroclor 1260	8.4	< 8.4 U
11104-28-2	Aroclor 1221	8.4	< 8.4 U
11141-16-5	Aroclor 1232	8.4	< 8.4 U
37324-23-5	Aroclor 1262	8.4	< 8.4 U
11100-14-4	Aroclor 1268	8.4	< 8.4 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	116%
Tetrachlorometaxylene	82.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B1-SO-03
SAMPLE

Lab Sample ID: SE67D
LIMS ID: 11-784
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 20:56
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 23.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U
37324-23-5	Aroclor 1262	3.9	< 3.9 U
11100-14-4	Aroclor 1268	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	110%
Tetrachlorometaxylene	79.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B1-SO-08
SAMPLE

Lab Sample ID: SE67E
LIMS ID: 11-785
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 21:15
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 18.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U
37324-23-5	Aroclor 1262	3.9	< 3.9 U
11100-14-4	Aroclor 1268	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	110%
Tetrachlorometaxylene	77.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B1-SO-13
SAMPLE

Lab Sample ID: SE67F
LIMS ID: 11-786
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 21:34
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 11.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 26.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	8.5	< 8.5 U
53469-21-9	Aroclor 1242	8.5	< 8.5 U
12672-29-6	Aroclor 1248	17	< 17 Y
11097-69-1	**Aroclor 1254**	**8.5**	**37**
11096-82-5	Aroclor 1260	8.5	< 8.5 U
11104-28-2	Aroclor 1221	8.5	< 8.5 U
11141-16-5	Aroclor 1232	8.5	< 8.5 U
37324-23-5	**Aroclor 1262**	**8.5**	**28**
11100-14-4	Aroclor 1268	8.5	< 8.5 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	97.2%
Tetrachlorometaxylene	59.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T2B4-SO-18
SAMPLE

Lab Sample ID: SE67G
LIMS ID: 11-787
Matrix: Soil
Data Release Authorized:
Reported: 01/24/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 06:21
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 0.69 g-dry-wt
Final Extract Volume: 40 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: 31.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	12,000	< 12,000 U
53469-21-9	Aroclor 1242	12,000	< 12,000 U
12672-29-6	Aroclor 1248	120,000	< 120,000 Y
11097-69-1	**Aroclor 1254**	**12,000**	**220,000**
11096-82-5	**Aroclor 1260**	**12,000**	**54,000**
11104-28-2	Aroclor 1221	12,000	< 12,000 U
11141-16-5	Aroclor 1232	12,000	< 12,000 U
37324-23-5	Aroclor 1262	12,000	< 12,000 U
11100-14-4	Aroclor 1268	12,000	< 12,000 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	132%
Tetrachlorometaxylene	88.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T2B4-SO-23
SAMPLE

Lab Sample ID: SE67H
LIMS ID: 11-788
Matrix: Soil
Data Release Authorized:
Reported: 01/24/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 06:40
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 2.06 g-dry-wt
Final Extract Volume: 40 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: 20.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3,900	< 3,900 U
53469-21-9	Aroclor 1242	3,900	< 3,900 U
12672-29-6	Aroclor 1248	29,000	< 29,000 Y
11097-69-1	**Aroclor 1254**	**3,900**	**61,000**
11096-82-5	**Aroclor 1260**	**3,900**	**11,000**
11104-28-2	Aroclor 1221	3,900	< 3,900 U
11141-16-5	Aroclor 1232	3,900	< 3,900 U
37324-23-5	Aroclor 1262	3,900	< 3,900 U
11100-14-4	Aroclor 1268	3,900	< 3,900 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	106%
Tetrachlorometaxylene	85.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B4-SO-03
SAMPLE

Lab Sample ID: SE67I
LIMS ID: 11-789
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 21:52
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 7.46 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 21.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	13	< 13 U
53469-21-9	Aroclor 1242	13	< 13 U
12672-29-6	Aroclor 1248	170	< 170 Y
11097-69-1	**Aroclor 1254**	**13**	**540**
11096-82-5	**Aroclor 1260**	**13**	**290**
11104-28-2	Aroclor 1221	13	< 13 U
11141-16-5	Aroclor 1232	13	< 13 U
37324-23-5	Aroclor 1262	13	< 13 U
11100-14-4	Aroclor 1268	13	< 13 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	123%
Tetrachlorometaxylene	92.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B4-SO-13
SAMPLE

Lab Sample ID: SE67J
LIMS ID: 11-790
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 22:49
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 9.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.8	< 3.8 U
53469-21-9	Aroclor 1242	3.8	< 3.8 U
12672-29-6	Aroclor 1248	3.8	< 3.8 U
11097-69-1	**Aroclor 1254**	**3.8**	**16**
11096-82-5	**Aroclor 1260**	**3.8**	**11**
11104-28-2	Aroclor 1221	3.8	< 3.8 U
11141-16-5	Aroclor 1232	3.8	< 3.8 U
37324-23-5	Aroclor 1262	3.8	< 3.8 U
11100-14-4	Aroclor 1268	3.8	< 3.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	105%
Tetrachlorometaxylene	83.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B4-SO-13
DILUTION

Lab Sample ID: SE67J
LIMS ID: 11-790
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/25/11 15:46
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: 9.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	7.7	< 7.7 U
53469-21-9	Aroclor 1242	7.7	< 7.7 U
12672-29-6	Aroclor 1248	7.7	< 7.7 U
11097-69-1	**Aroclor 1254**	**7.7**	**17**
11096-82-5	**Aroclor 1260**	**7.7**	**10**
11104-28-2	Aroclor 1221	7.7	< 7.7 U
11141-16-5	Aroclor 1232	7.7	< 7.7 U
37324-23-5	Aroclor 1262	7.7	< 7.7 U
11100-14-4	Aroclor 1268	7.7	< 7.7 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	103%
Tetrachlorometaxylene	85.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B4-SO-23
SAMPLE

Lab Sample ID: SE67K
LIMS ID: 11-791
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 23:08
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 28.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**4.5**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U
37324-23-5	Aroclor 1262	3.9	< 3.9 U
11100-14-4	Aroclor 1268	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	95.4%
Tetrachlorometaxylene	72.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B4-SO-23
DILUTION

Lab Sample ID: SE67K
LIMS ID: 11-791
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/25/11 16:05
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: 28.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	7.8	< 7.8 U
53469-21-9	Aroclor 1242	7.8	< 7.8 U
12672-29-6	Aroclor 1248	7.8	< 7.8 U
11097-69-1	Aroclor 1254	7.8	< 7.8 U
11096-82-5	Aroclor 1260	7.8	< 7.8 U
11104-28-2	Aroclor 1221	7.8	< 7.8 U
11141-16-5	Aroclor 1232	7.8	< 7.8 U
37324-23-5	Aroclor 1262	7.8	< 7.8 U
11100-14-4	Aroclor 1268	7.8	< 7.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	100%
Tetrachlorometaxylene	82.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B3-SO-03
SAMPLE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 23:26
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 11.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 14.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	8.5	< 8.5 U
53469-21-9	Aroclor 1242	8.5	< 8.5 U
12672-29-6	Aroclor 1248	8.5	< 8.5 U
11097-69-1	Aroclor 1254	13	< 13 Y
11096-82-5	Aroclor 1260	8.5	< 8.5 U
11104-28-2	Aroclor 1221	8.5	< 8.5 U
11141-16-5	Aroclor 1232	8.5	< 8.5 U
37324-23-5	**Aroclor 1262**	**8.5**	**140**
11100-14-4	Aroclor 1268	8.5	< 8.5 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	NR
Tetrachlorometaxylene	83.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B3-SO-03
MATRIX SPIKE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 23:45
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 11.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 14.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	8.7	---
53469-21-9	Aroclor 1242	8.7	< 8.7 U
12672-29-6	Aroclor 1248	8.7	< 8.7 U
11097-69-1	Aroclor 1254	8.7	< 8.7 U
11096-82-5	Aroclor 1260	8.7	---
11104-28-2	Aroclor 1221	8.7	< 8.7 U
11141-16-5	Aroclor 1232	8.7	< 8.7 U
37324-23-5	**Aroclor 1262**	**8.7**	**170**
11100-14-4	Aroclor 1268	8.7	< 8.7 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	NR
Tetrachlorometaxylene	90.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B3-SO-03
MATRIX SPIKE DUP

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/23/11 00:04
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 11.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 14.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	8.5	---
53469-21-9	Aroclor 1242	8.5	< 8.5 U
12672-29-6	Aroclor 1248	8.5	< 8.5 U
11097-69-1	Aroclor 1254	8.5	< 8.5 U
11096-82-5	Aroclor 1260	8.5	---
11104-28-2	Aroclor 1221	8.5	< 8.5 U
11141-16-5	Aroclor 1232	8.5	< 8.5 U
37324-23-5	**Aroclor 1262**	**8.5**	**170**
11100-14-4	Aroclor 1268	8.5	< 8.5 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	NR
Tetrachlorometaxylene	89.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B3-SO-08
SAMPLE

Lab Sample ID: SE67M
LIMS ID: 11-793
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/25/11 12:19
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 25.0
Silica Gel: Yes

Percent Moisture: 20.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	79	< 79 Y
11097-69-1	**Aroclor 1254**	**20**	**270**
11096-82-5	**Aroclor 1260**	**20**	**400**
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U
37324-23-5	Aroclor 1262	20	< 20 U
11100-14-4	Aroclor 1268	20	< 20 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	NR
Tetrachlorometaxylene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B3-SO-13
SAMPLE

Lab Sample ID: SE67N
LIMS ID: 11-794
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/23/11 00:41
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 11.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 27.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	8.8	< 8.8 U
53469-21-9	Aroclor 1242	8.8	< 8.8 U
12672-29-6	Aroclor 1248	8.8	< 8.8 U
11097-69-1	Aroclor 1254	22	< 22 Y
11096-82-5	**Aroclor 1260**	**8.8**	**54**
11104-28-2	Aroclor 1221	8.8	< 8.8 U
11141-16-5	Aroclor 1232	8.8	< 8.8 U
37324-23-5	Aroclor 1262	8.8	< 8.8 U
11100-14-4	Aroclor 1268	8.8	< 8.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	107%
Tetrachlorometaxylene	84.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B2-SO-03
SAMPLE

Lab Sample ID: SE67O
LIMS ID: 11-795
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/18/11
Date Analyzed: 01/23/11 01:00
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 8.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.8	< 3.8 U
53469-21-9	Aroclor 1242	3.8	< 3.8 U
12672-29-6	Aroclor 1248	3.8	< 3.8 U
11097-69-1	Aroclor 1254	3.8	< 3.8 U
11096-82-5	Aroclor 1260	3.8	< 3.8 U
11104-28-2	Aroclor 1221	3.8	< 3.8 U
11141-16-5	Aroclor 1232	3.8	< 3.8 U
37324-23-5	**Aroclor 1262**	**3.8**	**13**
11100-14-4	Aroclor 1268	3.8	< 3.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	106%
Tetrachlorometaxylene	84.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: MB-011811
METHOD BLANK

Lab Sample ID: MB-011811
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO 7KPL2JOR
Date Sampled: NA
Date Received: NA

Date Extracted: 01/18/11
Date Analyzed: 01/22/11 19:03
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	Aroclor 1254	4.0	< 4.0 U
11096-82-5	Aroclor 1260	4.0	< 4.0 U
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U
37324-23-5	Aroclor 1262	4.0	< 4.0 U
11100-14-4	Aroclor 1268	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	102%
Tetrachlorometaxylene	61.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: MB-011811
METHOD BLANK

Lab Sample ID: MB-011811
LIMS ID: 11-787
Matrix: Soil
Data Release Authorized:
Reported: 01/24/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO 7KPL2JOR
Date Sampled: NA
Date Received: NA

Date Extracted: 01/18/11
Date Analyzed: 01/21/11 05:25
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 5.00 g
Final Extract Volume: 40 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	800	< 800 U
53469-21-9	Aroclor 1242	800	< 800 U
12672-29-6	Aroclor 1248	800	< 800 U
11097-69-1	Aroclor 1254	800	< 800 U
11096-82-5	Aroclor 1260	800	< 800 U
11104-28-2	Aroclor 1221	800	< 800 U
11141-16-5	Aroclor 1232	800	< 800 U
37324-23-5	Aroclor 1262	800	< 800 U
11100-14-4	Aroclor 1268	800	< 800 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	97.8%
Tetrachlorometaxylene	81.8%

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
JF-T3B2-SO-08	105%	34-141	69.4%	38-102	0
JF-T3B2-SO-13	111%	34-141	76.1%	38-102	0
JF-T3B2-SO-13-D	116%	34-141	82.8%	38-102	0
JF-T3B1-SO-03	110%	34-141	79.1%	38-102	0
JF-T3B1-SO-08	110%	34-141	77.8%	38-102	0
JF-T3B1-SO-13	97.2%	34-141	59.1%	38-102	0
MB-011811	97.8%	51-127	81.8%	49-110	0
LCS-011811	96.4%	51-127	84.4%	49-110	0
LCSD-011811	93.0%	51-127	80.4%	49-110	0
JF-T2B4-SO-18	132%	22-168	88.5%	28-106	0
JF-T2B4-SO-23	106%	22-168	85.2%	28-106	0
JF-T3B4-SO-03	123%	34-141	92.6%	38-102	0
JF-T3B4-SO-13	105%	34-141	83.5%	38-102	0
JF-T3B4-SO-13 DL	103%	34-141	85.8%	38-102	0
JF-T3B4-SO-23	95.4%	34-141	72.8%	38-102	0
JF-T3B4-SO-23 DL	100%	34-141	82.2%	38-102	0
MB-011811	102%	40-109	61.6%	35-100	0
LCS-011811	110%*	40-109	69.9%	35-100	1
LCSD-011811	109%	40-109	74.8%	35-100	0
JF-T3B3-SO-03	NR	34-141	83.5%	38-102	0
JF-T3B3-SO-03 MS	NR	34-141	90.1%	38-102	0
JF-T3B3-SO-03 MSD	NR	34-141	89.5%	38-102	0
JF-T3B3-SO-08	NR	34-141	104%*	38-102	1
JF-T3B3-SO-13	107%	34-141	84.4%	38-102	0
JF-T3B2-SO-03	106%	34-141	84.1%	38-102	0

Low Level PSDDA Control Limits
Prep Method: SW3550C
Log Number Range: 11-781 to 11-795

FORM-II SW8082

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: LCS-011811
LCS/LCSD

Lab Sample ID: LCS-011811
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: NA
Date Received: NA

Date Extracted LCS/LCSD: 01/18/11

Date Analyzed LCS: 01/22/11 19:22
LCSD: 01/22/11 19:41
Instrument/Analyst LCS: ECD5/JGR
LCSD: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount LCS: 25.0 g-dry-wt
LCSD: 25.0 g-dry-wt
Final Extract Volume LCS: 1.0 mL
LCSD: 1.0 mL
Dilution Factor LCS: 5.00
LCSD: 5.00
Silica Gel: Yes

Percent Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Aroclor 1016	16.3	20.0	81.5%	17.1	20.0	85.5%	4.8%
Aroclor 1260	19.8	20.0	99.0%	20.1	20.0	100%	1.5%

PCB Surrogate Recovery

	LCS	LCSD
Decachlorobiphenyl	110%	109%
Tetrachlorometaxylene	69.9%	74.8%

Results reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: LCS-011811
LCS/LCSD

Lab Sample ID: LCS-011811
LIMS ID: 11-787
Matrix: Soil
Data Release Authorized:
Reported: 01/24/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: NA
Date Received: NA

Date Extracted LCS/LCSD: 01/18/11

Date Analyzed LCS: 01/21/11 05:44
LCSD: 01/21/11 06:02
Instrument/Analyst LCS: ECD5/JGR
LCSD: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount LCS: 5.00 g-dry-wt
LCSD: 5.00 g-dry-wt
Final Extract Volume LCS: 40 mL
LCSD: 40 mL
Dilution Factor LCS: 5.00
LCSD: 5.00
Silica Gel: Yes

Percent Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Aroclor 1016	3650	4000	91.2%	3470	4000	86.8%	5.1%
Aroclor 1260	4400	4000	110%	4260	4000	106%	3.2%

PCB Surrogate Recovery

	LCS	LCSD
Decachlorobiphenyl	96.4%	93.0%
Tetrachlorometaxylene	84.4%	80.4%

Results reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: JF-T3B3-SO-03
MS/MSD

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/26/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted MS/MSD: 01/18/11

Date Analyzed MS: 01/22/11 23:45
MSD: 01/23/11 00:04
Instrument/Analyst MS: ECD5/JGR
MSD: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount MS: 11.5 g-dry-wt
MSD: 11.7 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL
Dilution Factor MS: 5.00
MSD: 5.00
Silica Gel: Yes

Percent Moisture: 14.0%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 8.5 U	39.6	43.6	90.8%	41.2	42.7	96.5%	4.0%
Aroclor 1260	< 8.5 U	226	43.6	518%	226	42.7	529%	0.0%

Results reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned

Matrix: Soil

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

Data Release Authorized: VB
Reported: 01/22/11

ARI ID	Sample ID	Extraction Date	Analysis Date	EFV DL	Range	RL	Result
SE67A	JF-T3B2-SO-08	01/17/11	01/20/11	1.00	Diesel	6.6	< 6.6 U
11-781	HC ID: ---		FID3B	1.0	Motor Oil	13	< 13 U
					Mineral Oil	13	< 13 U
					o-Terphenyl		91.0%
SE67B	JF-T3B2-SO-13	01/17/11	01/20/11	1.00	Diesel	6.8	< 6.8 U
11-782	HC ID: ---		FID3B	1.0	Motor Oil	14	< 14 U
					Mineral Oil	14	< 14 U
					o-Terphenyl		88.6%
SE67C	JF-T3B2-SO-13-D	01/17/11	01/20/11	1.00	Diesel	6.7	< 6.7 U
11-783	HC ID: ---		FID3B	1.0	Motor Oil	14	< 14 U
					Mineral Oil	14	< 14 U
					o-Terphenyl		97.8%
SE67D	JF-T3B1-SO-03	01/17/11	01/21/11	1.00	Diesel	6.5	< 6.5 U
11-784	HC ID: ---		FID3B	1.0	Motor Oil	13	< 13 U
					Mineral Oil	13	< 13 U
					o-Terphenyl		99.8%
SE67E	JF-T3B1-SO-08	01/17/11	01/21/11	1.00	Diesel	6.1	< 6.1 U
11-785	HC ID: ---		FID3B	1.0	Motor Oil	12	< 12 U
					Mineral Oil	12	< 12 U
					o-Terphenyl		99.2%
SE67F	JF-T3B1-SO-13	01/17/11	01/21/11	1.00	**Diesel**	**34**	**220**
11-786	HC ID: **DIESEL/MOTOR OIL**		FID3B	5.0	**Motor Oil**	**68**	**600**
					Mineral Oil	**68**	**540**
					o-Terphenyl		94.1%
SE67G	JF-T2B4-SO-18	01/17/11	01/21/11	1.00	**Diesel**	**360**	**2400**
11-787	HC ID: **DIESEL/MOTOR OIL**		FID3B	50	**Motor Oil**	**720**	**4300**
					Mineral Oil	**720**	**3900**
					o-Terphenyl		D
SE67H	JF-T2B4-SO-23	01/17/11	01/21/11	1.00	**Diesel**	**62**	**310**
11-788	HC ID: **DIESEL/MOTOR OIL**		FID3B	10	**Motor Oil**	**120**	**1200**
					Mineral Oil	**120**	**1100**
					o-Terphenyl		102%
SE67I	JF-T3B4-SO-03	01/17/11	01/21/11	1.00	**Diesel**	**6.3**	**42**
11-789	HC ID: **DIESEL/MOTOR OIL**		FID3B	1.0	**Motor Oil**	**13**	**380**
					Mineral Oil	**13**	**350**
					o-Terphenyl		91.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned

Matrix: Soil

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

Data Release Authorized: VJB
Reported: 01/22/11

ARI ID	Sample ID	Extraction Date	Analysis Date	EFV DL	Range	RL	Result
SE67J	JF-T3B4-SO-13	01/17/11	01/21/11	1.00	**Diesel**	**54**	**59**
11-790	HC ID: **DRO/MOTOR OIL**		FID3B	10	**Motor Oil**	**110**	**2600**
					Mineral Oil	**110**	**2400**
					o-Terphenyl		92.2%
SE67K	JF-T3B4-SO-23	01/17/11	01/21/11	1.00	Diesel	7.0	< 7.0 U
11-791	HC ID: ---		FID3B	1.0	Motor Oil	14	< 14 U
					Mineral Oil	14	< 14 U
					o-Terphenyl		104%
MB-011711	Method Blank	01/17/11	01/20/11	1.00	Diesel	5.0	< 5.0 U
11-792	HC ID: ---		FID3B	1.0	Motor Oil	10	< 10 U
					Mineral Oil	10	< 10 U
					o-Terphenyl		104%
SE67L	JF-T3B3-SO-03	01/17/11	01/21/11	1.00	**Diesel**	**5.8**	**9.4**
11-792	HC ID: **DRO/MOTOR OIL**		FID3B	1.0	**Motor Oil**	**12**	**40**
					Mineral Oil	**12**	**36**
					o-Terphenyl		91.7%
SE67M	JF-T3B3-SO-08	01/17/11	01/21/11	1.00	**Diesel**	**6.2**	**46**
11-793	HC ID: **DIESEL/MOTOR OIL**		FID3B	1.0	**Motor Oil**	**12**	**200**
					Mineral Oil	**12**	**190**
					o-Terphenyl		97.7%
SE67N	JF-T3B3-SO-13	01/17/11	01/21/11	1.00	**Diesel**	**6.8**	**7.7**
11-794	HC ID: **DRO/MOTOR OIL**		FID3B	1.0	**Motor Oil**	**14**	**31**
					Mineral Oil	**14**	**28**
					o-Terphenyl		96.4%
SE67O	JF-T3B2-SO-03	01/17/11	01/21/11	1.00	**Diesel**	**5.4**	**9.3**
11-795	HC ID: **DRO/MOTOR OIL**		FID3B	1.0	**Motor Oil**	**11**	**36**
					Mineral Oil	**11**	**33**
					o-Terphenyl		97.3%

Reported in mg/kg (ppm)

EFV-Effective Final Volume in mL.
DL-Dilution of extract prior to analysis.
RL-Reporting limit.

Diesel quantitation on total peaks in the range from C12 to C24.
Motor Oil quantitation on total peaks in the range from C24 to C38.
Mineral Oil quantitation on total peaks in the range from C24 to C38.
HC ID: DRO/RRO indicate results of organics or additional hydrocarbons in ranges are not identifiable.

FORM I

ANALYTICAL RESOURCES INCORPORATED

CLEANED TPHD SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR

Client ID	OTER	TOT OUT
JF-T3B2-SO-08	91.0%	0
JF-T3B2-SO-13	88.6%	0
JF-T3B2-SO-13-D	97.8%	0
JF-T3B1-SO-03	99.8%	0
JF-T3B1-SO-08	99.2%	0
JF-T3B1-SO-13	94.1%	0
JF-T2B4-SO-18	D	0
JF-T2B4-SO-23	102%	0
JF-T3B4-SO-03	91.0%	0
JF-T3B4-SO-13	92.2%	0
JF-T3B4-SO-23	104%	0
MB-011711	104%	0
LCS-011711	98.2%	0
LCSD-011711	106%	0
JF-T3B3-SO-03	91.7%	0
JF-T3B3-SO-03 MS	86.0%	0
JF-T3B3-SO-08	97.7%	0
JF-T3B3-SO-13	96.4%	0
JF-T3B2-SO-03	97.3%	0

	LCS/MB LIMITS	QC LIMITS
(OTER) = o-Terphenyl	(59-134)	(43-137)

Prep Method: SW3546
Log Number Range: 11-781 to 11-795

FORM-II TPHD

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned

Sample ID: LCS-011711
LCS/LCSD

Lab Sample ID: LCS-011711
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized: VIB
Reported: 01/22/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted LCS/LCSD: 01/17/11

Date Analyzed LCS: 01/20/11 21:47
LCSD: 01/20/11 22:12
Instrument/Analyst LCS: FID/MS
LCSD: FID/MS

Sample Amount LCS: 10.0 g
LCSD: 10.0 g
Final Extract Volume LCS: 1.0 mL
LCSD: 1.0 mL
Dilution Factor LCS: 1.0
LCSD: 1.0

Range	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Diesel	135	150	90.0%	134	150	89.3%	0.7%

TPHD Surrogate Recovery

	LCS	LCSD
o-Terphenyl	98.2%	106%

Results reported in mg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned

Sample ID: JF-T3B3-SO-03
MATRIX SPIKE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized: VD
Reported: 01/22/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO 7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Date Extracted: 01/17/11
Date Analyzed: 01/21/11 05:11
Instrument/Analyst: FID/MS

Sample Amount: 8.69 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.0
Percent Moisture: 14.0%

Range	Sample	Matrix Spike	Spike Added	Recovery
Diesel	9.4	149	173	80.7%

Results reported in mg/kg

ANALYTICAL RESOURCES INCORPORATED

TOTAL DIESEL RANGE HYDROCARBONS-EXTRACTION REPORT

ARI Job: SE67
Project: Jorgensen Forge PLO
7KPL2JOR

Matrix: Soil
Date Received: 01/13/11

ARI ID	Client ID	Client Amt	Final Vol	Basis	Prep Date
11-781-SE67A	JF-T3B2-SO-08	7.60 g	1.00 mL	D	01/17/11
11-782-SE67B	JF-T3B2-SO-13	7.38 g	1.00 mL	D	01/17/11
11-783-SE67C	JF-T3B2-SO-13-D	7.43 g	1.00 mL	D	01/17/11
11-784-SE67D	JF-T3B1-SO-03	7.70 g	1.00 mL	D	01/17/11
11-785-SE67E	JF-T3B1-SO-08	8.23 g	1.00 mL	D	01/17/11
11-786-SE67F	JF-T3B1-SO-13	7.38 g	1.00 mL	D	01/17/11
11-787-SE67G	JF-T2B4-SO-18	6.90 g	1.00 mL	D	01/17/11
11-788-SE67H	JF-T2B4-SO-23	8.10 g	1.00 mL	D	01/17/11
11-789-SE67I	JF-T3B4-SO-03	7.92 g	1.00 mL	D	01/17/11
11-790-SE67J	JF-T3B4-SO-13	9.17 g	1.00 mL	D	01/17/11
11-791-SE67K	JF-T3B4-SO-23	7.19 g	1.00 mL	D	01/17/11
11-792-011711MB1	Method Blank	10.0 g	1.00 mL	-	01/17/11
11-792-011711LCS1	Lab Control	10.0 g	1.00 mL	-	01/17/11
11-792-011711LCSD1	Lab Control Dup	10.0 g	1.00 mL	-	01/17/11
11-792-SE67L	JF-T3B3-SO-03	8.70 g	1.00 mL	D	01/17/11
11-792-SE67LMS	JF-T3B3-SO-03	8.69 g	1.00 mL	D	01/17/11
11-793-SE67M	JF-T3B3-SO-08	8.00 g	1.00 mL	D	01/17/11
11-794-SE67N	JF-T3B3-SO-13	7.37 g	1.00 mL	D	01/17/11
11-795-SE67O	JF-T3B2-SO-03	9.18 g	1.00 mL	D	01/17/11

Basis: D=Dry Weight W=As Received

Diesel Extraction Report

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B2-SO-08
SAMPLE

Lab Sample ID: SE67A
LIMS ID: 11-781
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 74.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	6	6	U
3050B	01/17/11	6010B	01/19/11	7440-43-9	Cadmium	0.3	0.3	U
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.3	**22.0**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	3	**3**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**13**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**31**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B2-SO-13
SAMPLE

Lab Sample ID: SE67B
LIMS ID: 11-782
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 73.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	6	6	U
3050B	01/17/11	6010B	01/19/11	7440-43-9	Cadmium	0.3	0.3	U
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.3	**24.9**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	3	**3**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**14**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**37**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B2-SO-13-D
SAMPLE

Lab Sample ID: SE67C
LIMS ID: 11-783
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 73.5%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	6	6	U
3050B	01/17/11	6010B	01/19/11	7440-43-9	Cadmium	0.2	0.2	U
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.2	**25.1**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	2	**3**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**14**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**39**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B1-SO-03
SAMPLE

Lab Sample ID: SE67D
LIMS ID: 11-784
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 77.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	6	6	U
3050B	01/17/11	6010B	01/19/11	7440-43-9	Cadmium	0.2	0.2	U
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.2	**15.4**	
3050B	01/17/11	6010B	01/19/11	7439-92-1	Lead	2	2	U
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**9**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**26**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B1-SO-08
SAMPLE

Lab Sample ID: SE67E
LIMS ID: 11-785
Matrix: Soil
Data Release Authorized
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 83.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	6	6	U
3050B	01/17/11	6010B	01/19/11	7440-43-9	Cadmium	0.2	0.2	U
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.2	**14.7**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	2	**2**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**11**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**34**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B1-SO-13
SAMPLE

Lab Sample ID: SE67F
LIMS ID: 11-786
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 72.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	**7440-38-2**	**Arsenic**	7	**7**	
3050B	01/17/11	6010B	01/19/11	7440-43-9	Cadmium	0.3	0.3	U
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.3	**29.2**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	3	**3**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**16**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**37**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T2B4-SO-18
SAMPLE

Lab Sample ID: SE67G
LIMS ID: 11-787
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 64.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	**7440-38-2**	**Arsenic**	7	**14**	
3050B	01/17/11	6010B	01/19/11	**7440-43-9**	**Cadmium**	0.3	**29.4**	
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.3	**688**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	3	**886**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**202**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**5,630**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T2B4-SO-23
SAMPLE

Lab Sample ID: SE67H
LIMS ID: 11-788
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 79.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	**7440-38-2**	**Arsenic**	20	**180**	
3050B	01/17/11	6010B	01/19/11	**7440-43-9**	**Cadmium**	0.6	**2.1**	
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.6	**209**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	6	**300**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	3	**34**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	3	**1,520**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B4-SO-13
SAMPLE

Lab Sample ID: SE67J
LIMS ID: 11-790
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 88.3%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	**7440-38-2**	**Arsenic**	6	**7**	
3050B	01/17/11	6010B	01/19/11	7440-43-9	Cadmium	0.2	0.2	U
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.2	**51.8**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	2	**7**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**29**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**142**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B4-SO-23
SAMPLE

Lab Sample ID: SE67K
LIMS ID: 11-791
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 79.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	6	6	U
3050B	01/17/11	6010B	01/19/11	7440-43-9	Cadmium	0.2	0.2	U
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.2	**10.5**	
3050B	01/17/11	6010B	01/19/11	7439-92-1	Lead	2	2	U
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**10**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**29**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B4-SO-03
SAMPLE

Lab Sample ID: SE67I
LIMS ID: 11-789
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 81.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	10	10	U
3050B	01/17/11	6010B	01/19/11	**7440-43-9**	**Cadmium**	0.6	**6.9**	
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.6	**111**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	6	**259**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	3	**160**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	3	**4,720**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B3-SO-03
SAMPLE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 86.5%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	6	6	U
3050B	01/17/11	6010B	01/19/11	**7440-43-9**	**Cadmium**	0.2	**2.1**	
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.2	**62.6**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	2	**27**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**60**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**116**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B3-SO-03
DUPLICATE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Arsenic	6010B	6 U	6 U	0.0%	+/- 6	L
Cadmium	6010B	2.1	2.2	4.7%	+/- 20%	
Copper	6010B	62.6	50.1	22.2%	+/- 20%	*
Lead	6010B	27	29	7.1%	+/- 20%	
Nickel	6010B	60	58	3.4%	+/- 20%	
Zinc	6010B	116	151	26.2%	+/- 20%	*

Reported in mg/kg-dry

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B3-SO-03
MATRIX SPIKE

Lab Sample ID: SE67L
LIMS ID: 11-792
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Arsenic	6010B	6 U	226	227	99.6%	
Cadmium	6010B	2.1	61.0	56.7	104%	
Copper	6010B	62.6	110	56.7	83.6%	
Lead	6010B	27	253	227	99.6%	
Nickel	6010B	60	116	56.7	98.8%	
Zinc	6010B	116	196	56.7	141%	N

Reported in mg/kg-dry

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B3-SO-08
SAMPLE

Lab Sample ID: SE67M
LIMS ID: 11-793
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 80.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	20	20	U
3050B	01/17/11	6010B	01/19/11	**7440-43-9**	**Cadmium**	0.6	**6.5**	
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.6	**354**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	6	**208**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	3	**151**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	3	**6,960**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B3-SO-13
SAMPLE

Lab Sample ID: SE67N
LIMS ID: 11-794
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 74.3%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	6	6	U
3050B	01/17/11	6010B	01/19/11	**7440-43-9**	**Cadmium**	0.3	**0.5**	
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.3	**38.8**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	3	**24**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**19**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**525**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: JF-T3B2-SO-03
SAMPLE

Lab Sample ID: SE670
LIMS ID: 11-795
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: 01/13/11
Date Received: 01/13/11

Percent Total Solids: 91.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	5	5	U
3050B	01/17/11	6010B	01/19/11	7440-43-9	Cadmium	0.2	0.2	U
3050B	01/17/11	6010B	01/19/11	**7440-50-8**	**Copper**	0.2	**16.3**	
3050B	01/17/11	6010B	01/19/11	**7439-92-1**	**Lead**	2	**7**	
3050B	01/17/11	6010B	01/19/11	**7440-02-0**	**Nickel**	1	**16**	
3050B	01/17/11	6010B	01/19/11	**7440-66-6**	**Zinc**	1	**42**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: METHOD BLANK

Lab Sample ID: SE67MB
LIMS ID: 11-793
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: NA
Date Received: NA

Percent Total Solids: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	01/17/11	6010B	01/19/11	7440-38-2	Arsenic	5	5	U
3050B	01/17/11	6010B	01/19/11	7440-43-9	Cadmium	0.2	0.2	U
3050B	01/17/11	6010B	01/19/11	7440-50-8	Copper	0.2	0.2	U
3050B	01/17/11	6010B	01/19/11	7439-92-1	Lead	2	2	U
3050B	01/17/11	6010B	01/19/11	7440-02-0	Nickel	1	1	U
3050B	01/17/11	6010B	01/19/11	7440-66-6	Zinc	1	1	U

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: LAB CONTROL

Lab Sample ID: SE67LCS
LIMS ID: 11-793
Matrix: Soil
Data Release Authorized:
Reported: 01/19/11

QC Report No: SE67-The Boeing Company
Project: Jorgensen Forge PLO
7KPL2JOR
Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Arsenic	6010B	186	200	93.0%	
Cadmium	6010B	47.5	50.0	95.0%	
Copper	6010B	48.3	50.0	96.6%	
Lead	6010B	186	200	93.0%	
Nickel	6010B	45	50	90.0%	
Zinc	6010B	46	50	92.0%	

Reported in mg/kg-dry

N-Control limit not met
NA-Not Applicable, Analyte Not Spiked
Control Limits: 80-120%