Pacific Northwest
National Laboratory
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March 12, 2008

To: Steve Trent

From: Michael Lindberg
Environmental Sciences Laboratory

Subject: Tc-99 Screening of Water Samples Collected From Purolite Resin Treatability Study- 200 ZP-1 OU, Sample Delivery Group PNL0062, SAF Number F07-045.

This letter contains the following information for sample delivery group PNL0062

- Cover Sheet
- Narrative
- Analytical Results

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PNNL SAF Number Cross Reference

SAF #	F07-045
Data Deliverable Date	3/12/2007
Data Deliverable	Hard Copy Report

SAMPLE ID	Matrix
B1NF46	Water
B1NF76	Water
B1NF31	Water
B1NF61	Water
B1NF01	Water
B1NF02	Water
B1NDW5	Water
B1NDW6	Water
B1NF77	Water
B1NF47	Water
B1NF32	Water
B1NF62	Water
B1NF03	Water
B1NF04	Water
B1NDW7	Water
B1NDW8	Water
B1NF33	Water
B1NF63	Water
B1NF78	Water
B1NF48	Water
B1NF05	Water
B1NF06	Water
B1NDX0	Water
B1NDW9	Water
B1NF34	Water
B1NF49	Water
B1NF64	Water
B1NF79	Water
B1NDX1	Water
B1NDX2	Water
B1NF07	Water
B1NF08	Water
B1NF35	Water
B1NF50	Water
B1NF65	Water
B1NF80	Water
B1NF81	Water

PNNL SAF Number Cross Reference	
SAF #	F07-045
Data Deliverable Date	3/12/2007
Data Deliverable	Hard Copy Report
SAMPLE ID	Matrix
B1NF10	Water
B1NF09	Water
B1NF51	Water
B1NF11	Water
B1NF12	Water
B1NF52	Water
B1NF82	Water
B1NF13	Water
B1NF14	Water
B1NF53	Water
B1NF83	Water
B1NF36	Water
B1NF66	Water
B1NDX3	Water
B1NDX4	Water
B1NF15	Water
B1NF16	Water
B1NF54	Water
B1NF84	Water
B1NDX5	Water
B1NDX6	Water
B1NF17	Water
B1NF18	Water
B1NF37	Water
B1NF55	Water
B1NF67	Water
B1NF85	Water
B1NF20	Water
B1NF68	Water
B1NDX8	Water
B1NDX7	Water
B1NF19	Water
B1NF56	Water
B1NF86	Water
B1NF38	Water
B1NDY0	Water
B1NDX9	Water
B1NF39	Water
B1NF69	Water
B1NF21	Water
B1NF22	Water
B1NF57	Water

PNNL SAF Number Cross Reference	
SAF #	F07-045
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SAMPLE ID	Matrix
B1NF23	Water
B1NDY1	Water
B1NDY2	Water
B1NF40	Water
B1NF70	Water
B1NF58	Water
B1NF28	Water
B1NF24	Water
B1NF25	Water
B1NF29	Water
B1NF59	Water
B1NDY3	Water
B1NDY4	Water
B1NF41	Water
B1NF71	Water
B1NDY5	Water
B1NDY6	Water
B1NF26	Water
B1NF27	Water
B1NF60	Water
B1NF30	Water
B1PM04	Water
B1PM05	Water
B1PM20	Water
B1PM21	Water
B1NF42	Water
B1NF72	Water
B1PM22	Water
B1PM23	Water
B1NF43	Water
B1NF73	Water
B1PM08	Water
B1PM09	Water
B1PM12	Water
B1PM13	Water
B1PM16	Water
B1PM17	Water
B1NDY7	Water
B1NDY8	Water
B1NF44	Water
B1NF74	Water
B1PPL5	Water

PNNL SAF Number Cross Reference	
SAF #	F07-045
Data Deliverable Date	3/12/2007
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SAMPLE ID	Matrix
B1PPL7	Water
B1NDY9	Water
B1NF00	Water
B1NF45	Water
B1NF75	Water
B1PW48	Water
B1PW47	Water
B1PW49	Water
B1PW50	Water
B1PM06	Water
B1PM07	Water
B1PW51	Water
B1PW52	Water
B1PM10	Water
B1PM11	Water
B1PM15	Water
B1PM14	Water
B1PW54	Water
B1PW53	Water
B1R0J0	Water
B1R0H9	Water
B1PM19	Water
B1PM18	Water
B1R0M6	Water
B1R0M4	Water
B1R0T6	Water
B1R0T8	Water
B1R0L9	Water
B1R0M1	Water
B1R0T1	Water
B1R0T3	Water
B1R0M9	Water
B1R0N1	Water
B1R0V1	Water
B1R0V3	Water
B1R0N4	Water
B1R0N6	Water
B1R0V6	Water
B1R0V8	Water
B1R0P0	Water
B1R0P2	Water
B1R0W1	Water

PNNL SAF Number Cross Reference	
SAF #	F07-045
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SAMPLE ID	Matrix
B1R0W3	Water
B1R0W6	Water
B1R0W8	Water
B1R0P5	Water
B1R0P7	Water
B1R0X1	Water
B1R0X3	Water
B1R0R0	Water
B1R0R2	Water
B1R0R5	Water
B1R0R8	Water
B1R0X8	Water
B1R0X6	Water
B1RPD8	Water
B1RPF5	Water
B1RT01	Water
B1RT04	Water
B1RRY4	Water
B1RRY7	Water

Introduction

Between April 26, 2007 and December 20, 2007 water samples were received from Purolite Resin Treatability Study- 200 ZP-1 OU for quick turn-around screening for Tc-99.

Analytical Results/Methodology

The analyses for this project were performed at the 325 building located in the 300 Area of the Hanford Site. The analyses were performed according to Pacific Northwest National Laboratory (PNNL) approved procedures and/or nationally recognized test procedures. The data sets include the sample identification numbers, analytical results, estimated quantification limits (EQL), and quality control data.

Quality Control

The preparatory and analytical quality control requirements, calibration requirements, acceptance criteria, and failure actions are defined in the on-line QA plan "Conducting Analytical Work in Support of Regulatory Programs" (CAWSRP). This QA plan implements the Hanford Analytical Services Quality Assurance Requirements Documents (HASQARD) for PNNL.

Sample Receipt

Samples were received with a chain of custody (COC) and were analyzed according to the sample identification numbers supplied by the client. All Samples were refrigerated upon receipt until prepared for analyses.

All samples were received with custody seals intact.

Holding Times

Holding time is defined as the time from sample receipt to analysis. The prescribed holding times were met for all analytes.

Analytical Results

All reported analytical results met the requirements of the CAWSRP with the exceptions noted below:

Technetium was detected in the ending CCB for samples B1NF09, B1NF10, B1NF51, B1NF81, B1NF15, B1NF16, B1NF36, B1NF54, B1NF66, B1NF84, B1NDX3, B1NDX4, B1NF17, B1NF18, B1NF37, B1NF55, B1NF67, B1NF85, B1NDX5, B1NDX6, B1NF24, B1NF25, B1NF28, B1NF40, B1NF58, B1NF70, B1NDY1, B1NDY2, B1NF26, B1NF27, B1NF30, B1NF41, B1NF60, B1NF71, B1NDY5, and B1NDY6. There was no detectable technetium in the other CCB associated with the analytical run. The concentration of technetium in the ending CCB was less the required detection limit of 0.06 ppb per the statement of work. There should be no impact to the data as reported.

Technetium was detected in the beginning CCB for samples B1NF19, B1NF20, B1NF38, B1NF56, B1NF68, B1NF86, B1NDX7, and B1NDX8. There was no detectable technetium in the other CCB associated with the analytical run. The concentration of technetium in the beginning CCB was less the

required detection limit 0.06 ppb per the statement of work. There should be no impact to the data as reported.

This data package has been reviewed technically for completeness and compliance to the CAWSRP.

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Problems and Discrepancies

SDG PNL0062

ESL

1. The sample ID on page 25 of the hardcopy report is B1RPF8. The correct sample number as listed on the chain of custody is B1RPF5. Please correct these results and re-issue the hardcopy data package.

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.020
B1NF33	0.155
B1NF48	0.104
B1NF63	<0.020
B1NF78	<0.020

Quality Control Water

CCV _CCB	99Tc
Blank 8	<0.010
0.10 ppb IND Check (58483-80)	0.101
Blank 10	<0.020

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.010
B1NF01	0.108
B1NF02	<0.010
B1NF03	0.106
B1NF04	<0.010
B1NF31	0.148
B1NF32	0.155
B1NF46	0.115
B1NF47	0.114
B1NF61	<0.010
B1NF62	<0.010
B1NF76	<0.010
B1NF77	<0.010
B1NDW5	0.157
B1NDW6	<0.010
B1NDW7	0.156
B1NDW8	<0.010

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-80)	0.109
Blank 10	<0.010
0.10 ppb IND Check (58483-80)	0.106
Blank 8	<0.010

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.050
B1NF05	0.124
B1NF06	<0.050
B1NDX0	<0.050
B1NDW9	0.159

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-80)	0.1040
Blank 6	<0.050
0.10 ppb IND Check (58483-80)	0.1060
Blank 9	<0.050

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.020
B1NF34	0.159
B1NF49	0.108
B1NF64	<0.020
B1NF79	<0.020

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-80)	0.109
Blank 6	<0.020
0.10 ppb IND Check (58483-80)	0.105
Blank 10	<0.020
0.10 ppb IND Check (58483-80)	0.0965
Blank 13	<0.020

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.050
B1NF07	0.107
B1NF08	<0.050
B1NDX1	0.141
B1NDX2	<0.050

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-80)	0.102
Blank 6	<0.050
0.10 ppb IND Check (58483-80)	0.102
Blank 8	<0.050
0.10 ppb IND Check (58483-80)	0.1
Blank 11	<0.050

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.010
B1NF35	0.158
B1NF50	0.118
B1NF65	<0.010
B1NF80	<0.010

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-80)	0.101
Blank 6	<0.010
0.10 ppb IND Check (58483-80)	0.0978
Blank 9	<0.010

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.002
B1NF09	0.129
B1NF10	0.003
B1NF51	0.130
B1NF81	0.004

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-97)	0.105
Blank 6	<0.002
0.10 ppb IND Check (58483-97)	0.107
Blank 9	0.0113

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.005
B1NF11	0.132
B1NF12	<0.005
B1NF52	0.137
B1NF82	<0.005

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-97)	0.101
Blank 6	<0.005
0.10 ppb IND Check (58483-97)	0.108
Blank 9	<0.005

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1NDX2	<0.0051
B1NF08	<0.0051
B1NF63	<0.0051
B1NF78	<0.0051

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-97)	0.102
Blank 6	<0.0051
0.10 ppb IND Check (58483-97)	0.105
Blank 8	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1NF13	0.113
B1NF14	<0.0051
B1NF53	0.113
B1NF83	<0.0051

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-97)	0.106
Blank 6	<0.0051
0.10 ppb IND Check (58483-97)	0.105
Blank 8	<0.0051
0.10 ppb IND Check (58483-97)	0.107
Blank 10	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.001
B1NF15	0.123
B1NF16	0.002
B1NF36	0.129
B1NF54	0.121
B1NF66	0.002
B1NF84	0.002
B1NDX3	0.116
B1NDX4	0.002

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-97)	0.106
Blank 6	<0.001
0.10 ppb IND Check (58483-97)	0.1
Blank 14	0.0014

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.005
B1NF17	0.121
B1NF18	<0.005
B1NF37	0.164
B1NF55	0.125
B1NF67	<0.005
B1NF85	<0.005
B1NDX5	0.142
B1NDX6	<0.005

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-97)	0.107
Blank 6	<0.005
0.10 ppb IND Check (58483-97)	0.109
Blank 8	<0.005
0.10 ppb IND Check (58483-97)	0.108
Blank 8	0.01

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.005
B1NF19	0.137
B1NF20	<0.005
B1NF38	0.137
B1NF56	0.122
B1NF68	<0.005
B1NF86	<0.005
B1NDX7	0.139
B1NDX8	<0.005

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-103)	0.105
Blank 6	0.0058
0.10 ppb IND Check (58483-103)	0.102
Blank 8	<0.005
0.10 ppb IND Check (58483-103)	0.102
Blank 10	<0.005
0.10 ppb IND Check (58483-103)	0.104
Blank 12	<0.005

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.005
B1NF21	0.124
B1NF22	<0.005
B1NF23	<0.005
B1NF39	0.131
B1NF57	0.120
B1NF69	<0.005
B1NDX9	0.138
B1NDY0	<0.005

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-103)	0.105
Blank 6	<0.005
0.10 ppb IND Check (58483-103)	0.106
Blank 20	<0.005
0.10 ppb IND Check (58483-103)	0.104
Blank 22	<0.005
0.10 ppb IND Check (58483-103)	0.104
Blank 25	<0.005

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1NF24	0.121
B1NF25	<0.0051
B1NF28	<0.0051
B1NF40	0.131
B1NF58	0.120
B1NF70	<0.0051
B1NDY1	0.133
B1NDY2	<0.0051

Quality Control Water

CCV_CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-103)	0.106
Blank 7	<0.0051
0.10 ppb IND Check (58483-103)	0.11
Blank 11	<0.0051
0.10 ppb IND Check (58483-103)	0.103
Blank 13	<0.0051
0.10 ppb IND Check (58483-103)	0.103
Blank 15	0.0107

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1NF29	0.124
B1NF59	<0.0051
B1NDY3	0.154
B1NDY4	<0.0051

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-128)	0.106
Blank 6	<0.0051
0.10 ppb IND Check (58483-128)	0.105
Blank 8	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1NF26	0.126
B1NF27	<0.0051
B1NF30	<0.0051
B1NF41	0.150
B1NF60	0.124
B1NF71	<0.0051
B1NDY5	0.149
B1NDY6	<0.0051

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-128)	0.104
Blank 6	<0.0051
0.10 ppb IND Check (58483-128)	0.104
Blank 8	<0.0051
1.0 ppb IND Check (58483-128)	1.01
Blank 10	0.0126

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1NF42	0.149
B1NF43	0.154
B1NF72	<0.0051
B1NF73	<0.0051
B1PM04	0.128
B1PM05	<0.0051
B1PM08	0.124
B1PM09	<0.0051
B1PM20	0.126
B1PM21	<0.0051
B1PM22	0.142
B1PM23	<0.0051

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-128)	0.1050
Blank 6	<0.0051
0.10 ppb IND Check (58483-128)	0.1000
Blank 10	<0.0051
0.10 ppb IND Check (58483-128)	0.1060
Blank 12	<0.0051
0.10 ppb IND Check (58483-128)	0.1030
Blank 14	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1NF44	0.146
B1NF74	<0.0051
B1PM12	0.115
B1PM13	<0.0051
B1PM16	0.112
B1PM17	<0.0051
B1NDY7	0.136
B1NDY8	<0.0051

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-128)	0.104
Blank 6	<0.0051
1.0 ppb IND Check (58483-128)	0.961
Blank 9	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1NF45	0.155
B1NF75	<0.0051
B1NF00	<0.0051
B1NDY9	0.153
B1PPL5	0.118
B1PPL7	<0.0051
B1PW47	0.123
B1PW48	<0.0051

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-128)	0.103
Blank 6	<0.0051
1.0 ppb IND Check (58483-128)	1.01
Blank 9	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1PM06	0.1480
B1PM07	<0.0051
B1PM10	0.1550
B1PM11	<0.0051
B1PW49	0.1160
B1PW50	<0.0051
B1PW51	0.1190
B1PW52	<0.0051

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-137)	0.103
Blank 6	<0.0051
0.10 ppb IND Check (58483-137)	0.102
Blank 12	<0.0051
0.10 ppb IND Check (58483-137)	0.105
Blank 14	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1PM14	0.155
B1PM15	0.006
B1PM18	0.152
B1PM19	0.006
B1PW53	0.123
B1PW54	<0.0051
B1R0H9	0.118
B1R0J0	<0.0051

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-137)	0.105
Blank 6	<0.0051
0.10 ppb IND Check (58483-137)	0.1
Blank 8	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1R0L9	0.131
B1R0M1	<0.0051
B1R0M4	0.128
B1R0M6	<0.0051
B1R0T1	0.148
B1R0T3	0.008
B1R0T6	0.064
B1R0T8	0.006

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-137)	0.103
Blank 6	<0.0051
0.10 ppb IND Check (58483-137)	0.101
Blank 8	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1R0M9	0.124
B1R0N1	<0.0051
B1R0V1	0.145
B1R0V3	0.009

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-137)	0.105
Blank 6	<0.0051
0.10 ppb IND Check (58483-137)	0.103
Blank 12	<0.0051
0.10 ppb IND Check (58483-137)	0.101
Blank 14	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1R0N4	0.114
B1R0N6	<0.0051
B1R0V6	0.142
B1R0V8	0.012

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-137)	0.108
Blank 6	<0.0051
0.10 ppb IND Check (58483-137)	0.102
Blank 8	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1R0P0	0.125
B1R0P2	0.0054
B1R0W1	0.155
B1R0W3	0.0155

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-137)	0.101
Blank 6	<0.0051
0.10 ppb IND Check (58483-137)	0.0988
Blank 8	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1R0P5	0.122
B1R0P7	0.006
B1R0W6	0.147
B1R0W8	0.021

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-137)	0.106
Blank 6	<0.0051
0.10 ppb IND Check (58483-137)	0.1
Blank 12	<0.0051
0.10 ppb IND Check (58483-137)	0.102
Blank 14	<0.0051
0.10 ppb IND Check (58483-137)	0.103
Blank 16	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1R0R0	0.129
B1R0R2	0.010
B1R0X1	0.164
B1R0X3	0.024

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58483-137)	0.102
Blank 6	<0.0051
0.10 ppb IND Check (58483-137)	0.102
Blank 8	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1R0R5	0.124
B1R0R8	0.008
B1R0X6	0.167
B1R0X8	0.025

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58409-14)	0.0996
Blank 6	<0.0051
0.10 ppb IND Check (58409-14)	0.101
Blank 10	<0.0051
0.10 ppb IND Check (58409-14)	0.0984
Blank 12	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1RPD8	0.009
B1RPF8	0.029

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58409-14)	0.0999
Blank 6	<0.0051
0.10 ppb IND Check (58409-14)	0.100
Blank 12	<0.0051
0.10 ppb IND Check (58409-14)	0.101
Blank 14	<0.0051

sample ID	Tc 99
	ug/L
Estimated Quantitation Limit	<0.0051
B1RT01	0.164
B1RT04	0.033
B1RRY4	0.113
B1RRY7	0.009

Quality Control Water

CCV _CCB	99Tc
Known Concentration ug/L	0.100
	ug/L
0.10 ppb IND Check (58409-14)	0.1
Blank 6	<0.0051
1.0 ppb IND Check (58409-14)	1.05
Blank 8	<0.0051

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-012	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-2	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NDW5	WATER	4-30-07	1030

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ Hocking	DATE/TIME 4/30/07	RECEIVED BY/STORED IN Carmen Bowen	DATE/TIME 4/30/07 11:55	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-015 PAGE 1 OF 1

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days		
SAMPLING LOCATION: I-765-eff-2	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
AIR QUALITY:			
ICE CHEST NO.:	FIELD LOGBOOK NO.:	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NDW6	WATER	4-30-07	1030

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: M.J. Hocking	DATE/TIME: 4/30/07	RECEIVED BY/STORED IN: Christian Jovin	DATE/TIME: 4/30/07 11:55
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-027	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-4	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	1000mL ~~500mL~~ 5/9/07
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDW7	WATER	5-7-07	1020	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-7-07 1225	RECEIVED BY/STORED IN M. Valental M. Valu	DATE/TIME 5/7/07 1225	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-030	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-4	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	1000mL ~~500mL~~ MJH 5/7/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDW8	WATER	5-7-07	1020	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-7-07 1225	M. Valenta/M. Valenta	5/7/07 1225

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-042	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-6	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDW9	WATER	5-14-07	1015	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-14-07 1115	RECEIVED BY/STORED IN M. Valenta/M. Valenta	DATE/TIME 5/14/07 1115
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL00001645

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-045	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-765-eff-6	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDX0	WATER	5-14-07	1015	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-14-07 1115	RECEIVED BY/STORED IN M. Valenta/M. Valio	DATE/TIME 5/14/07 1115	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 00001644

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-057	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-765-in-8	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NDX1	WATER	5-21-07	1000

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-21-07 1130	RECEIVED BY/STORED IN M. Valuta M. Valuta	DATE/TIME 5/21/07 1130	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL0000 1723

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-060	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-765-eff-8	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NDX2	WATER	5-21-07	1000

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-21-07 1130	RECEIVED BY/STORED IN M. Valenta/M. Vallio	DATE/TIME 5/21/07 1130	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

1724

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-081	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days	**AIR QUALITY**	
SAMPLING LOCATION I-765-in-11	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU	**SAF NO.** F07-045	
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NDX3	WATER	7/23/07	1020

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	7/23/07/1035	MO-612 FRIDGE	7/23/07/1035
MO-612 FRIDGE	7/26/07/1238	MJ Hocking	7/26/07/1238
MJ Hocking	7/26/07 1420	Kenton Rod	7/26/07 1420

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 1948

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-084	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ		
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY**	45 Days / 45 Days
I-765-eff-11	Purolite Resin Treatability Test - 200-ZP-1 OU		F07-045		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
		122597ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
PNNL Building 325	N/A		N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDX4	WATER	7/23/07	1030	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MJ Hocking	7/23/07/1035	MO-612 FRIDGE	7/23/07/1035	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MO-612 FRIDGE	7/26/07/1238	MJ Hocking	7/26/07/1238	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MJ Hocking	7/26/07 4:20	[illegible]	7/26/07 4:20	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

F-Si 1949

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-096	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-765-in-13	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NDX5	WATER	7/30/07	0955

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	7/30/07 1016	MO-412 Fridge	7/30/07 1016
~~J. Mehrer~~	~~8-2-07~~		
MO612 Fridge	8-2-07 1120	J. Mehrer	8-2-07 1120
J. Mehrer	8-2-07 1215S	Ken Rod	8/2/07 12:55

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 1970

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-099	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-765-eff-13	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDX6	WATER	7/30/07	1000	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MD HOCKING	7/30/07/1016	MO-612 FRIDGE	7/30/07/1016
MO612 Fridge	8-2-07/1120	J. Mehrer	8-2-07 1120
J. Mehrer	8-2-07/12:55	Kenton Rod	8/2/07 12:55

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 1971

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-111 PAGE 1 OF 1

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: I-765-in-15	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 7N

AIR QUALITY:

DATA TURNAROUND: 45 Days / 45 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDX7	WATER	8/6/07	0955	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING [signature]	8/6/07/1030	MO - 612 FRIDGE	8/6/07/1030
MO - 612 FRIDGE	8/9/07/1200	~~[illegible]~~	
		MJ HOCKING [signature]	8/9/07/1200
MJ HOCKING [signature]	8/9/07 1300	[signature] C. JOVIN	8/9/07 1300

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2048

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-114	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-15	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDX8	WATER	8/6/07	1000	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 8/6/07/1030	RECEIVED BY/STORED IN MO-612 FRIDGE	DATE/TIME 8/6/07/1030	
RELINQUISHED BY/REMOVED FROM MO-612 FRIDGE	DATE/TIME 8/9/07/1200	RECEIVED BY/STORED IN MJ HOCKING [signature]	DATE/TIME 8/9/07/1200	
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 8/9/07 1300	RECEIVED BY/STORED IN [signature] C. Jovin	DATE/TIME 8/9/07 1300	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

FCI 2004 [illegible]

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-117	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-16	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDX9	WATER	8/13/07	1050	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	8/13/07 1123	MO-612 FRIDGE	8/13/07 1123
MO-612 FRIDGE	8/16/07 1047	MJ HOCKING	8/16/07 1047
MJ HOCKING	8/16/07 1320	M. Valero / M. Valero	8/16/07 1320

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2111

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-120	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days		
SAMPLING LOCATION I-765-eff-16	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU	**SAF NO.** F07-045	**AIR QUALITY** ☐
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDY0	WATER	8/13/07	1055	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING [signature]	8/13/07 1125	MO-612 FRIDGE	8/13/07 1123
MO-612 FRIDGE	8/16/07 1047	MJ HOCKING [signature]	8/16/07 1047
MJ HOCKING [signature]	8/16/07 1320	M. Valenza / M. Valenza	8/16/07 1320

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

VGL.0080 2110

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-132	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-18	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDY1	WATER	8/20/07	1000	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	8/20/07 / 1030	MO-612 FRIG	8/20/07 / 1030
MO-612 FRIG	8/23/07 / 1048	MJ HOCKING / [signature]	8/23/07 / 1048
MJ HOCKING / [signature]	8/23/07 1250	M. Valenza / M. Valeo	8/23/07 1250

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESI 6000 0200

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-135	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ			
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY**	☐	45 Days / 45 Days
I-765-eff-18	Purolite Resin Treatability Test - 200-ZP-1 OU		F07-045			
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**			
		122597ES10	GOVERNMENT VEHICLE			
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**			
PNNL Building 325	N/A		N/A			

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDY2	WATER	8/20/07	1005	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/20/07 1030	MO-612 Frig	8/20/07 1030
MO-612 Frig	8/23/07 1048	MJ Hocking	8/23/07 1048
MJ Hocking	8/23/07 1250	M. Valencia/M. Valero	8/23/07 1250

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-147	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days		
SAMPLING LOCATION I-765-in-20	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU	**SAF NO.** F07-045	**AIR QUALITY** ☐
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDY3	WATER	8/30/07	1105	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/30/07/1320	C. Irvin	8/30/07 13:20

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ECI 2222

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-150	PAGE 1 OF 1
COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 7N
SAMPLING LOCATION: I-765-eff-20	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045	AIR QUALITY:
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	DATA TURNAROUND: 45 Days / 45 Days
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDY4	WATER	8/30/07	1110	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKINGS	8/30/07 13:20	[illegible]	8/30/07 13:20

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ECI 7722

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-162	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ			
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY**	☐	45 Days / 45 Days
I-765-in-22	Purolite Resin Treatability Test - 200-ZP-1 OU		F07-045			
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**			
		122597ES10	GOVERNMENT VEHICLE			
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**			
PNNL Building 325	N/A		N/A			

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDY5	WATER	9/6/07	1030	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/6/07	Kent Berg	9-6-07 1420
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2217

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-165	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-765-eff-22	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

PRICE CODE 7N

AIR QUALITY ☐

DATA TURNAROUND 45 Days / 45 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NDY6	WATER	9/6/07	1035

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/6/07	[illegible]	9-6-07 1420

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-186	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-25	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDY7	WATER	9/17/07	1015	—

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/17/07 1045	MO-612 FRIG	9/17/07 1045
MO-612 FRIG	9/20/07 1034	MJ Hocking	9/20/07 1034
MJ Hocking	9/20/07 1205	M. Vakima/M. Valio	9/20/07 1205

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2308

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-189	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-765-eff-25	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NDY8	WATER	9/17/07	1020

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/17/07 1045	MO-612 FRIG	9/17/07 1045
MO-612 FRIG	9/20/07 1034	MJ HOCKING	9/20/07 1034
MJ HOCKING	9/20/07 1205	M. Valenta M. Valenta	9/20/07 1205

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2309

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-201	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-765-In-27	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY**	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NDY9	WATER	9/24/07	1025

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/24/07/1050	MO-612 ERIG	9/24/07 1050
MO-612 ERIG	9/27/07/1120	MJ Hocking	9/27/07/1120
MJ Hocking	9/27/07 1330	[illegible]	9/27/07 1330

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 2314

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-204	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-765-eff-27	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF00	WATER	9/24/07	1028	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking [signature]	9/24/07/1050	MO-612 FRIG	9/24/07/1050
MO-612 FRIG	9/27/07/1126	MJ Hocking [signature]	9/27/07/1126
MJ Hocking [signature]	9/27/07 1330	[signature]	9/27/2007 1330

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 72K

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-225	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-in-2	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF01	WATER	4/30/07	1000	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 4-30-07	RECEIVED BY/STORED IN Envirom Tovin	DATE/TIME 4/30/07-CF
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-228	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-2	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF02	WATER	4/30/07	1000	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 4-30-07	RECEIVED BY/STORED IN Cristin Tocin	DATE/TIME 4/30/07 11:55	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6C03-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-240 PAGE 1 OF 1

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days	AIR QUALITY: ☐	
SAMPLING LOCATION: I-44-in-4	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU	SAF NO.: F07-045	
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	1000mL 500mL [illegible]
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF03	WATER	5-7-07	1000	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer 1225	5-7-07	M. Valenta/M. Valle	5/7/07 1225

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12, 2008 REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-243	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days		
SAMPLING LOCATION I-44-eff-4	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045
AIR QUALITY ☐			
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	1000mL ~~500mL~~ ~~and 500mL~~
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF04	WATER	5-7-07	1000	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-7-07 1225	M. Valenta/M. Valenta	5/7/07 1225

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-255	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ		
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY** ☐	45 Days / 45 Days
I-44-in-6	Purolite Resin Treatability Test - 200-ZP-1 OU		F07-045		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
		122597ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
PNNL Building 325	N/A		N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF05	WATER	5-14-07	0950

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-14-07 1115	M. Valenta/M. Valenta	5/14/07 1115

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 00001642

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-258	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-eff-6	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF06	WATER	5-14-07	0950	

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer 1115	DATE/TIME 5-14-07	RECEIVED BY/STORED IN M. Valenta M. Valenta 5/14/07 1115	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL00001643

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-270	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-in-8	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF07	WATER	5-21-07	0930	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-21-07 1130	RECEIVED BY/STORED IN M. Valenta/M. Valleo	DATE/TIME 5/21/07 1130	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

MMV ~~1724~~ 1725

A-6003-618(01/06)

MARCH 12, 2008 REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-273	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-8	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF08	WATER	5/21/07	0930	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-21-07 1130	RECEIVED BY/STORED IN M. Valencia/M. Valco	DATE/TIME 5/21/07 1130	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

1726

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-294	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-in-11	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF09	WATER	7/5/07	1015	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MD Hocking	DATE/TIME 7/5/07 / 1145	RECEIVED BY/STORED IN M. Valenta / M Valenta	DATE/TIME 1145 7/5/07 /	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

1890

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-297	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-eff-11	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF10	WATER	7/5/07	1020	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM MJ HOCKING	DATE/TIME 7/5/07 / 1145	RECEIVED BY/STORED IN M. Valenta / M. Valle	DATE/TIME 7/5/07 / 1145
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

1889

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-309	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-in-13	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF11	WATER	7/12/07	1025

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [signature]	7/12/07/1140	M. Valenza / M. Valenza	7/12/07 1140

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL0000 1899

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-312	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-eff-13	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY**	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF12	WATER	7/12/07	1030	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	7/12/07/1440	M. Valencia/M. Valles	7/12/07 1440

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

1480

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-324	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-in-15	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY**	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF13	WATER	7/16/07	0940	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hockinen	7/16/07 1000	MO-612 FRIDGE	7/16/07 1000
MO-612 FRIDGE	7/19/07 1058	MJ Hockinen	7/19/07 1058
MJ Hockinen	7/19/07 1225	M. Valenzuela	7/19/07 1225

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ES1.0000 1921

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-327	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-eff-15	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF14	WATER	7/16/07	0945	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	7/16/07/1000	MO-612 FRIDGE	7/16/07/1000
MO-612 FRIDGE	7/19/07/1058	MJ Hocking	7/19/07/1058
MJ Hocking	7/19/07/1225	M Valencia	7/19/07 1225

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

1922

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-330	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-in-16	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF15	WATER	7/23/07	0940

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	7/23/07 1035	MO-612 FRIDGE	7/23/07 1035
MO-612 FRIDGE	7/26/07 1238	MJ Hocking	7/26/07 1238
MJ Hocking	7/26/07	Kenton Rod	7/26/07 1430

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESI 1950

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-333	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-16	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF16	WATER	7/23/07	0950	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING [signature]	7/23/07/1035	MO-612 FRIDGE	7/23/07/1035
MO-612 FRIDGE	7/26/07/1238	MJ HOCKING [signature]	7/26/07/1238
MJ HOCKING [signature]	7/26/07/1420	Kenton Rod [signature]	7/26/07 1420

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 1951

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-345	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ		
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY** ☐	45 Days / 45 Days
I-44-in-18	Purolite Resin Treatability Test - 200-ZP-1 OU		F07-045		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
		122597ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
PNNL Building 325	N/A		N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF17	WATER	7/30/07	0940	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	7/30/07/1016	MO-612 Fridge	7/30/07/1016
MO612 Fridge	8-2-07 1120	J. Mehrer	8-2-07 1120
J. Mehrer	8-2-07/12:55	Kenton Rod	8/2/07 12:55

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 1972

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-348	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-eff-18	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF18	WATER	7/30/07	0945	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	7/30/07/1016	MO-612 FRIDGE	7/30/07/1016
MO612 Fridge	8-2-07/1120	J. Mehrer	8-2-07/1120
J. Mehrer	8-2-07/12:55	Ken Rod	8/2/07 12:55

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 1973

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-360	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-in-20	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF19	WATER	8/6/07	0945

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	8/6/07/1030	MO-612 FRIDGE	8/6/07/1030
MO-612 FRIDGE	8/9/07/1200	MJ HOCKING	8/9/07/1200
MJ HOCKING	8/9/07	C. TOWN	8/9/07 1300

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2049

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-363	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-eff-20	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF20	WATER	8/6/07	0950	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	8/6/07/1030	MO-612 FRIDGE	8/6/07/1030
MO-612 FRIDGE	8/9/07/1200	MJ HOCKING	8/9/07/1200
MJ HOCKING	8/9/07 1300	[illegible]	8/9/07 1300

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 200 chgs

4/5

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-375	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-in-22	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF21	WATER	8/13/07	1040	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/13/07 1123	MO-612 FRIDGE	8/13/07 1123
MO-612 FRIDGE	8/16/07 1047	MJ Hocking	8/16/07 1047
MJ Hocking	8/16/07 1320	M. Valencia M. Valencia	8/16/07 1320

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

21164

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-378	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days	**AIR QUALITY**	
SAMPLING LOCATION I-44-eff-22	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU	**SAF NO.** F07-045	
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF22	WATER	8/13/07	1045

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	8/13/07/1123	MO-612 FRIDGE	8/13/07 /1123
MO-612 FRIDGE	8/16/07 / 1047	MJ HOCKING	8/16/07 /1047
MJ HOCKING	8/16/07 1320	M. Valenta M. Valenta	8/16/07 1320

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-387	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-eff-23	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF23	WATER	8/16/07	0950	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [signature]	8/16/07 1320	M Valenta / M Valenta	8/16/07 1320

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

7217

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-399	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days		
SAMPLING LOCATION I-44-in-25	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU	**SAF NO.** F07-045	**AIR QUALITY** ☐
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF24	WATER	8/23/07	0945	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	1250 8/23/07	M. Valuta / M. Valuta	8/23/07 1250

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-402	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
I-44-eff-25	Purolite Resin Treatability Test - 200-ZP-1 OU	F07-045

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		122597ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
PNNL Building 325	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF25	WATER	8/23/07	1000	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/23/07 1250	M. Valenza M. Valenza	8/23/07 1250

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2707

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-414	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-in-27	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF26	WATER	9/4/07	1111	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING [signature]	9/4/07 / 1147	MO-612 FRIG	9/4/07 / 1147
MO-612 FRIG	9/6/07 / 1130	MJ HOCKING [signature]	9/6/07 / 1130
MJ HOCKING [signature]	9/6/07	[signature]	9-6-07 1420

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-417	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-27	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF27	WATER	9/4/07	1116	

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MJ Hocking	9/4/07 1147	MO-612 FRIG	9/4/07 1147	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MO-612 FRIG	9/6/07 1130	MJ Hocking	9/6/07 1130	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MJ Hocking	9/6/07		9-6-07 1420	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

22615

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-396	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-24	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF28	WATER	8/20/07	0955	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/20/07 1030	MO-612 FRIH	8/20/07 1030
MO-612 FRIH	8/23/07 1048	MJ Hocking	8/23/07 1048
MJ Hocking	8/23/07 1250	M. Valenta / M. Valenta	8/23/07 1250

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2205

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-411	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-26	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY -	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF29	WATER	8/30/07	1050	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/30/07 / 13:20	Amy C. Davis	8/30/07 1320

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2230

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-426	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ		
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY**	45 Days / 45 Days
I-44-eff-28	Purolite Resin Treatability Test - 200-ZP-1 OU		F07-045		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
		122597ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
PNNL Building 325	N/A		N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF30	WATER	9/6/07	1100	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/6/07	[illegible]	9-6-07 1420
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

22107

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-005	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-In-1	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-59)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF31	WATER	4/26/07	1100	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 4/26/07 1300	RECEIVED BY/STORED IN M0745 Fridge #1	DATE/TIME 4/26/07 1300
RELINQUISHED BY/REMOVED FROM M0745 Fridge #1	DATE/TIME 4/30/07 1130	RECEIVED BY/STORED IN J. Mehrer	DATE/TIME 4/30/07 1130
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 4-30-07	RECEIVED BY/STORED IN Cristina Covin	DATE/TIME 4/30/07 11:55
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-020

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days		
SAMPLING LOCATION: I-765-in-3	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
AIR QUALITY:			
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF32	WATER	5/3/07	1320	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MD Hocking	5/3/07 15:10		5/03/07 15:10
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-035	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-765-in-5	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY**	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF33	WATER	5/10/07	1000	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
M3 Hocking/[signature]	5/10/07 1205	M. Valenta/M. Valleo	5/10/07 1205

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-050	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-7	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF34	WATER	5-17-07	1030	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-17-07 13:00	RECEIVED BY/STORED IN Christina Lowry	DATE/TIME 5/17/07 13:00	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 1640

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-065	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-765-in-9	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF35	WATER	5-24-07	1000

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-24-07	RECEIVED BY/STORED IN K. Rod	DATE/TIME 5-24-07/12:45	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL00001739

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-074	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-In-10	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF36	WATER	7/26/07	1020	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [signature]	7/26/07 14:20	Kenton Rod [signature]	7/26/07 14:20

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 1946

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-089	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-12	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF37	WATER	8-2-07	1020	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer [signature]	8-2-07 12:55	Renton Rod [signature]	8/2/07 12:55

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2 SI 1974

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-104	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-765-in-14	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF38	WATER	8/9/07	1040

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/9/07 1300	C. Iovin	8/9/07 1300
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 2052

415

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-125	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-17	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF39	WATER	8/16/07	1000	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MJ Hocking	8/16/07 1320	M. Valenta	8/16/07 1320	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

212

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-140	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-765-in-19	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF40	WATER	8/23/07	1010	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/23/07 1250	M. Valenta / M. Valenta	8/23/07 1250
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2202

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-155	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days	**AIR QUALITY** ☐	
SAMPLING LOCATION I-765-in-21	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU	**SAF NO.** F07-045	
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF41	WATER	9/4/07	1120

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/4/07 1147	MO-012 FRIG	9/4/07 1147
MO-012 FRIG	9/6/07 1130	MJ HOCKING	9/6/07 1130
MJ HOCKING	9/6/07		9-6-07 14:20

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

SSI 00002160

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-170	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-765-in-23	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF42	WATER	9/10/07	1050	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/10/07/1140	MO-612 FRIG	9/10/07/1140
MO-612 FRIG	9/13/07/1110	MJ HOCKING	9/13/07/1110
MJ HOCKING	9/13/07 1220	M Valental M. Valen	9/13/07 1220

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

1282

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-179	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N AIR QUALITY ☐	DATA TURNAROUND 45 Days / 45 Days
SAMPLING LOCATION I-765-in-24	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045		
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF43	WATER	9/13/07	1000	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [signature]	9/13/07/1220	M. Valenta / M. Valenta	9/13/07 1220
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2293

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-194	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days	**AIR QUALITY** ☐	
SAMPLING LOCATION I-765-in-26	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU	**SAF NO.** F07-045	
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF44	WATER	9/20/07	1000

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/20/07 1205	M. Valentia/M. Valio	9/20/07 1205
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2310

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-209	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-765-in-28	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF45	WATER	9/27/07	1006	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MJ Hocking	9/27/07 1330	C Tovim	9/27/2007 1330	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2316

A-6003-618(01/06)

MARCH 12, 2008 REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-218

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: I-44-in-1	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 7N

AIR QUALITY: ☐

DATA TURNAROUND: 45 Days / 45 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF46	WATER	4/26/07	1035

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	4/26/07 1300	MO-745 FRIDGE #1	4/26/07 1300
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MO745 Fridge #1	4/30/07 1130	J. Mehrer	4/30/07 1130
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	4/30/07	Cristina Ibarra	4/30/07 1155
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-233	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-in-3	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY**	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF47	WATER	5/3/07	1300

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking/[signature]	5/3/07 15:10	[signature]	5/3/07 15:10

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-248	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-44-in-5	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

PRICE CODE 7N

AIR QUALITY

DATA TURNAROUND 45 Days / 45 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF48	WATER	5-10-07	1030	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-10-07 1205	M Valoma/M. Valoma	5/10/07 1205

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-263	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-in-7	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	HNO3 to pH <2(ULTREX)
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF49	WATER	5-17-07	1000	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-17-07 13:00	RECEIVED BY/STORED IN John Chinman Trent	DATE/TIME 5/17/07 13:00	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL ... 1691

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-278	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-in-9	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF50	WATER	5-24-07	0930

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-24-07	K. Hall	5-24-07/12:45
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-287	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-in-10	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF51	WATER	7/2/07 ~~1040~~ MJH	1040	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING	DATE/TIME 7/2/07/1155	RECEIVED BY/STORED IN MO-612 FRIDGE	DATE/TIME 7/2/07/1155	
RELINQUISHED BY/REMOVED FROM MO-612 FRIDGE	DATE/TIME 7/5/07/1040	RECEIVED BY/STORED IN MJ HOCKING	DATE/TIME 7/5/07/1040	
RELINQUISHED BY/REMOVED FROM MJ HOCKING	DATE/TIME 7/5/07/1145	RECEIVED BY/STORED IN M. Nuenta/M. Valle	DATE/TIME 7/5/07/1145	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

1891

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-302	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-in-12	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF52	WATER	7/9/07	0945	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING [signature]	7/9/07 1025	MO-612 FRIDGE	7/9/07 1025
MO-612 FRIDGE	7/12/07 1035	MJ HOCKING [signature]	7/12/07 1035
MJ HOCKING [signature]	7/12/07 1140	M. Valenza/M. Valenza	7/12/07 1140

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

1901

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-317	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-in-14	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF53	WATER	7/19/07	0940	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	7/19/07/1225	M. Valenta/M Valto	7/19/07 1225

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

1923

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-338	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-in-17	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY**	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF54	WATER	7/26/07	0950

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	7/26/07 14:20	Kathy Rod	7/26/07 14:20

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 1952

A-6003-618(01/06)

MARCH 12, 2008 REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-353	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days	**AIR QUALITY** ☐	
SAMPLING LOCATION I-44-in-19	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU	**SAF NO.** F07-045	
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF55	WATER	8-2-07	1000	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	8-2-07 12:55	Ken Bol Rod	8/2/07 1255

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 1075

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-368	PAGE 1 OF 1
COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 7N
SAMPLING LOCATION: I-44-in-21	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045	AIR QUALITY ☐
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	DATA TURNAROUND: 45 Days / 45 Days
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF56	WATER	8/9/07	1010	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/9/07 1300	Sally C. Fowler	8/9/07 1300

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

F-SI 7050

File

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-383	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-in-23	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY**	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF57	WATER	8/16/07	0935	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/16/07 1320	N. Vuenza M. Valio	8/16/07 1320

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2-116

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-392	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-44-in-24	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

PRICE CODE 7N

AIR QUALITY ☐

DATA TURNAROUND 45 Days / 45 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF58	WATER	8/20/07	0935	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/20/07 1030	MO-612 FRIG	8/20/07 1030
MO-612 FRIG	8/23/07 1048	MJ Hocking	8/23/07 1048
MJ Hocking	8/23/07 1250	M. Valenta / M. Valto	8/23/01 1250

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-407	PAGE 1 OF 1

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days		
SAMPLING LOCATION: I-44-in-26	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
AIR QUALITY: ☐			
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF59	WATER	8/30/07	1030	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/30/07 13:20	C. Irvin	8/30/07 13:20

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2231

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-422	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-in-28	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF60	WATER	9/6/07	1040	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM MJ Hocking	DATE/TIME 9/6/07	RECEIVED BY/STORED IN	DATE/TIME 9-6-07 1470
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

22160

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-009

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: I-765eff-1	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 7N

AIR QUALITY: ☐

DATA TURNAROUND: 45 Days / 45 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF61	WATER	4/26/07	1115	+

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J.Mehrer	4/26/07 1300	MO745 Fridge #1	4/26/07 1300
MO745 Fridge #1	4/30/07 1130	J.Mehrer	4/30/07 1130
J.Mehrer	4/30/07	Christian Bair	4/30/07 11:55

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-024	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ			
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY**		**45 Days / 45 Days**
I-765-eff-3	Purolite Resin Treatability Test - 200-ZP-1 OU		F07-045			
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**			
		122597ES10	GOVERNMENT VEHICLE			
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**			
PNNL Building 325	N/A		N/A			

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF62	WATER	5/3/07	1330	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking/[signature]	5/3/07 15:10	[signature]	5/03/07 15:10

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-039	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-5	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF63	WATER	5/10/07	1000	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ Hocking/[signature]	DATE/TIME 5/10/07 1205	RECEIVED BY/STORED IN M. Valenza/M Valenza	DATE/TIME 5/10/07 1205	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-054	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
I-765-eff-7	Purolite Resin Treatability Test - 200-ZP-1 OU	F07-045

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		122597ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
PNNL Building 325	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF64	WATER	5-17-07	1030 —

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
J. Mehrer	5-17-07 13:20	[illegible]	5/17/07 13:20	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-069	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-9	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF65	WATER	5-24-07	1000

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-24-07	K. Rod	5-24-07 / 12:45

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

1741

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-078	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-10	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF66	WATER	7/26/07	1030	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ Hocking	DATE/TIME 7/26/07 4:20	RECEIVED BY/STORED IN Kenton Rod	DATE/TIME 7/26/07 4:00	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

FSL 1907

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-093	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-12	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF67	WATER	8-2-07	1045	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 8-2-07/ 12:55	RECEIVED BY/STORED IN Ken Tom Rod	DATE/TIME 8/2/07 12:55	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

F.S.L. 1976

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-108	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days	**AIR QUALITY**	
SAMPLING LOCATION I-765-eff-14	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU	**SAF NO.** F07-045	
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF68	WATER	8/9/07	1100	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/9/07 1300	Sally L. Jovin	08/09/07 1320

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-129	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-17	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF69	WATER	8/16/07	1020	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM MJ HOCKING	DATE/TIME 8/16/07 1320	RECEIVED BY/STORED IN M. Valencia M. Valencia	DATE/TIME 8/16/07 1320
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2 of 2

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-144

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days	AIR QUALITY:	
SAMPLING LOCATION: I-765-eff-19	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU	SAF NO.: F07-045	
ICE CHEST NO.:	FIELD LOGBOOK NO.:	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF70	WATER	8/23/07	1025	–

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [signature]	1250 8/23/07	M. Valentay / M. Valentay	8/23/07 1250

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2 203

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-159	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-765-eff-21	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF71	WATER	9/4/07	1135	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/4/07 1147	MO-612 FRIG	9/4/07 1147
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MO-612 FRIG	9/6/07 1130	MJ HOCKING	9/6/07 1130
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/6/07		9-6-07 14:20
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-174 PAGE 1 OF 1

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days	AIR QUALITY: ☐	
SAMPLING LOCATION: I-765-eff-23	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU	SAF NO.: F07-045	
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF72	WATER	9/10/07	1100	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/10/07/1140	MO-612 FRIG	9/10/07/1140
MO-612 FRIG	9/13/07/1110	MJ Hocking	9/13/07/1110
MJ Hocking	9/13/07 1220	M. Valenta/M. Valenta	9/13/07 1220

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

7290

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-183	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-24	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF73	WATER	9/13/07	1015	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MJ Hocking / [signature]	9/13/07 1220	M. Valenta / M. Valenta	9/13/07 1220	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2294

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-198	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-765-eff-26	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	HNO3 to pH <2(ULTREX)
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF74	WATER	9/20/07	1015	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ Hocking	DATE/TIME 9/20/07 1205	RECEIVED BY/STORED IN M. Valenta/M. Valle	DATE/TIME 9/20/07 1205	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2311

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MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-213	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ		
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY** ☐	45 Days / 45 Days
I-765-eff-28	Purolite Resin Treatability Test - 200-ZP-1 OU		F07-045		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
		122597ES10	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
PNNL Building 325	N/A		N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF75	WATER	9/27/07	1016

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/27/07 1330	C. JOHN	9/27/07 1330

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2317

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-222

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days		
SAMPLING LOCATION: I-44eff-1	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
AIR QUALITY:			
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF76	WATER	4/26/07	1045	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	4/26/07 1500	M0745 Fridge #1	4/26/07 1500
M0745 Fridge #1	4-30-07 1130	J. Mehrer	4/30/07 1130
J. Mehrer	4-30-07	Sally Kristiansen	4/30/07 11:55

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-237	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-eff-3	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF77	WATER	5/3/07	1250	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking [signature]	5/3/07 15:10	[signature]	5/3/07 15:10

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-252	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-eff-5	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF78	WATER	5-10-07	1030	✓

CHAIN OF POSSESSION	DATE/TIME	SIGN/ PRINT NAMES: RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM: J. Mehrer	5-10-07 1205	M. Valenta / M. Valenta	5/10/07 1205
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-267	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-7	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF79	WATER	5-17-07	1000	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer [signature]	5-17-07 13:00	[signature] Christian Irvin	5/17/07 13:00

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

FSI ... 1693

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-282	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-eff-9	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF80	WATER	5-24-07	0930	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 5-24-07	RECEIVED BY/STORED IN K. Rod	DATE/TIME 5-24-07 12:45
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

1742

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REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-291	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N	**DATA TURNAROUND**
SAMPLING LOCATION I-44-eff-10	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐	45 Days / 45 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 122597ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF81	WATER	7/2/07	1100

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	7/2/07/1155	MO-612 FRIDGE	7/2/07/1155
MO-612 FRIDGE	7/5/07/1040	MJ HOCKING	7/5/07/1040
MJ HOCKING	7/5/07/1145	M. Vaughn/M. Valle	7/5/07/1145

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL0006 1888

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-306	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-eff-12	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF82	WATER	7/9/07	1000	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ Hocking	DATE/TIME 7/9/07/1025	RECEIVED BY/STORED IN MO-612 FRIDGE	DATE/TIME 7/9/07/1025	
RELINQUISHED BY/REMOVED FROM MO-612 FRIDGE	DATE/TIME 7/12/07/1035	RECEIVED BY/STORED IN MJ Hocking	DATE/TIME 7/12/07/1035	
RELINQUISHED BY/REMOVED FROM MJ Hocking	DATE/TIME 7/12/07/1140	RECEIVED BY/STORED IN M. Valero	DATE/TIME 7/12/07 1140	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

1902

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-321	PAGE 1 OF 1

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 7N	DATA TURNAROUND
SAMPLING LOCATION: I-44-eff-14	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045	AIR QUALITY: ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE		
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NF83	WATER	7/19/07	1000

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	7/19/07 1225	M. Valencia	7/19/07 1225

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

1974

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-342	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-17	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF84	WATER	7/26/07	1000	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	7/26/07 14:20	[signature]	7/26/07 14:20

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESI. 1952

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-357 PAGE 1 OF 1

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days		
SAMPLING LOCATION: I-44-eff-19	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
AIR QUALITY:			
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF85	WATER	8/2/07	1010	✓

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	8-2-07 1010	Ken Ross	8/2/07 11:55

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESI 1977

A-6003-618(01/06)

MARCH 12, 2008 REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-372	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N DATA TURNAROUND
SAMPLING LOCATION I-44-eff-21	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐ 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NF86	WATER	8/9/07	1030	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM MJ Hocking	DATE/TIME 8/9/07 1300	RECEIVED BY/STORED IN C. Jovin	DATE/TIME 8/9/07 1300
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-442

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-100

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM04	WATER	9/10/07	1015

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/10/07 1140	MO-612 FRIG	9/10/07 1140
MO-612 FRIG	9/13/07 1110	MJ HOCKING	9/13/07 1110
MJ HOCKING	9/13/07 1220	M. Valenta / M. Valenta	9/13/07 1220

LABORATORY SECTION RECEIVED BY TITLE DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD DISPOSED BY DATE/TIME

7785

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-445

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-100

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM05	WATER	9/10/07	1030

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	1140 9/10/07	MO-612 FRIG	9/10/07 1140
MO-612 FRIG	9/13/07 1110	MJ HOCKING	9/13/07 1110
MJ HOCKING	9/13/07 1220	M. Valenta	9/13/07 1220

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2221

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-449

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-765-in-100

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM06	WATER	10/1/07	1025

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	10/1/07/1235	MO-612 FRIG	10/1/07/1235
MO-612 FRIG	10/4/07/1036	MJ HOCKING	10/4/07/1036
MJ HOCKING	10/4/07 1345	M. Valdez	10/4/07 1345

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2327

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-452

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-765-eff-100

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM07	WATER	10/1/07	1040

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	10/1/07/1235	MO-612 FRIG	10/1/07/1235
MO-612 FRIG	10/4/07/1036	MJ Hocking	10/4/07/1036
MJ Hocking	10/4/07 1345	M. Valero	10/4/07 1345

SPECIAL INSTRUCTIONS

LABORATORY SECTION RECEIVED BY — TITLE — DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD — DISPOSED BY — DATE/TIME

2328

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-455

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-101

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM08	WATER	9/13/07	0950

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/13/07 1220	M. Valenta/M. Valio	9/13/07 1220
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2295

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-458

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-101

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM09	WATER	9/13/07	0955

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/13/07 1220	M. Valencia	9/13/07 1220

SPECIAL INSTRUCTIONS

LABORATORY SECTION — **RECEIVED BY** — **TITLE** — **DATE/TIME**

FINAL SAMPLE DISPOSITION — **DISPOSAL METHOD** — **DISPOSED BY** — **DATE/TIME**

2296

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-461

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-765-in-101

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM10	WATER	10/4/07	1020

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [signature]	10/4/07 1345	M. Valdez / M. Valdez	10/4/07 1345
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2331

A-6003-618(01/06)

MARCH 12, 2008
REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-464

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-765-eff-101

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM11	WATER	10/4/07	1025

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [signature]	10/4/07 1345	M. Valenta / M. Valio	10/4/07 1345
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION — **RECEIVED BY** — **TITLE** — **DATE/TIME**

FINAL SAMPLE DISPOSITION — **DISPOSAL METHOD** — **DISPOSED BY** — **DATE/TIME**

2332

A-6003-618(01/06)

MARCH 12, 2008
REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-468

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-102

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM12	WATER	9/17/07	0945

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/17/07 1045	MO-612 FRIG	9/17/07 1045
MO-612 FRIG	9/20/07 1034	MJ Hocking	9/20/07 1034
MJ Hocking	9/20/07 1205	M. Valero	9/20/07 1205

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2304

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-471 PAGE 1 OF 1

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-102

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM13	WATER	9/17/07	1010

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	9/17/07 1045	MO-612 FRIG	9/17/07 1045
MO-612 FRIG	9/20/07 1034	MJ HOCKING / [signature]	9/20/07 1034
MJ HOCKING / [signature]	9/20/07 1205	M. Valenta / M. Valeo	9/20/07 1205

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2305

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-475

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-765-in-102

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM14	WATER	10/8/07	1010

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	10/8/07 / 1143	MO-612 FRIG	10/8/07 / 1143
MO-612 FRIG	10/11/07 / 1143	MJ HOCKING	10/11/07 / 1143
MJ HOCKING	10/11/07 1320	C. Irwin	10/11/07 13:20

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 2357

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-478 PAGE 1 OF 1

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-765-eff-102

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(UI.TREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1PM15	WATER	10/8/07	1025	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	10/8/07 / 1143	MO - 612 FRIG	10/8/07 / 1143
MO-612 FRIG	10/11/07 / 1143	MJ HOCKING / [signature]	10/11/07 / 1143
MJ HOCKING / [signature]	10/11/07 13:20	[signature] Cristian [illegible]	10/11/07 1330

LABORATORY SECTION RECEIVED BY TITLE DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD DISPOSED BY DATE/TIME

ESL 2356

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-481

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-103

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM16	WATER	9/20/07	0945

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/20/07 1205	M. Valenta/M. Vallo	9/20/07 1205
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

LABORATORY SECTION RECEIVED BY — TITLE — DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD — DISPOSED BY — DATE/TIME

2306

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-484

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-103

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM17	WATER	9/20/07	0956

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/20/07 1205	M. Valdez / M. Valdez	9/20/07 1205
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2307

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-487

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-765-in-103

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM18	WATER	10/11/07	1030

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hockinberry	10/11/07 1330	C Jovin	10/11/07 1330

SPECIAL INSTRUCTIONS

LABORATORY SECTION RECEIVED BY | TITLE | DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD | DISPOSED BY | DATE/TIME

ESL 2363

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-490

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-765-eff-103

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM19	WATER	10/11/07	1035

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	10/11/07 1330	[signature]	10/11/07 1330
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

LABORATORY SECTION RECEIVED BY — TITLE — DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD — DISPOSED BY — DATE/TIME

CoC 2362

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-429

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-DUP

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM20	WATER	9/10/07	1025

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/10/07 1140	MO-612 FRIG	9/10/07 1140
MO-612 FRIG	9/13/07 1110	MJ HOCKING	9/13/07 1110
MJ HOCKING	9/13/07 1220	M. Valental	9/13/07 1220

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2287

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-432 PAGE 1 OF 1

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-DUP

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM21	WATER	9/10/07	1035

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/10/07 1140	MO-612 FRIG	9/10/07 1140
MO-612 FRIG	9/13/07 1110	MJ HOCKING	9/13/07 1110
MJ HOCKING	9/13/07 1220	M. Valenta / M. Valenta	9/13/07 1220

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

7288

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-435

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-765-in-DUP

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5.(1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM22	WATER	9/10/07	1055 ✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	9/10/07/1140	MO-612 FRIG	9/10/07/1140
MO-612 FRIG	9/13/07/1110	MJ HOCKING / [signature]	9/13/07/1110
MJ HOCKING / [signature]	9/13/07 1220	M. Valencia / M. Valio	9/13/07 1220

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

9721

A-6003-618(01/05)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-438

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-765-eff-DUP

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PM23	WATER	9/10/07	1110

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/10/07 1140	MO-612 FRIG	9/10/07 1140
MO-612 FRIG	9/13/07 1110	MJ HOCKING	9/13/07 1110
MJ HOCKING	9/13/07 1220	M. Valenta/M. Valenta	9/13/07 1220

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2292

A-6003-618(01/06)

MARCH 12, 2008
REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-494

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-104

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PPL5	WATER	9/24/07	1010

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING /for [signature]	9/24/07/1050	MO-612 FRIG [signature]	9/24/07 1050
MO-612 FRIG	9/27/07 1126	MJ HOCKING /for [signature]	9/27/07/1126
MJ HOCKING /for [signature]	9/27/07 1330	[signature] @ 40VIN	9/27/2007 1330

LABORATORY SECTION RECEIVED BY TITLE DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD DISPOSED BY DATE/TIME

ESL 2312

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-497

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-104

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PPL7	WATER	9/24/07	1020

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [signature]	9/24/07 / 1050	MO-612 FRIG	9/24/07 / 1050
MO-612 FRIG	9/27/07 / 1126	MJ Hocking / [signature]	9/27/07 / 1126
MJ Hocking / [signature]	9/27/07 1330	[signature] C. Jovin	9/27/07 1330

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 2313

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-501

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-105

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PW47	WATER	9/27/07	0950

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	9/27/07 1330	C. JOVIN	9/27/07 1330

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 9319

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-504

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-105

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PW48	WATER	9/27/07	1000

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/27/07 1330	C Jovin	9/27/07 1330

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2018

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-507

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-106

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PW49	WATER	10/1/07	0945

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	10/1/07 1235	M1-612 FRIG	10/1/07 1235
M0-612 FRIG	10/4/07 1036	MJ Hocking	10/4/07 1036
MJ Hocking	10/4/07 1345	M. Valdez	10/4/07 1345

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2325

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-510

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-106

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PW50	WATER	10/1/07	1018

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	10/1/07/1235	MO-612 FRIG	10/1/07 /1235
MO-612 FRIG	10/4/07 /1036	MJ Hocking	10/4/07 /1036
MJ Hocking	10/4/07 1345	M. Valenta/M. Valdez	10/4/07 1345

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

2326

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-514

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-107

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PW51	WATER	10/4/07	0955

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MS HOLLING	10/4/07 1345	M. Valencia / M. Valdez	10/4/07 1345
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

LABORATORY SECTION — **RECEIVED BY** — **TITLE** — **DATE/TIME**

FINAL SAMPLE DISPOSITION — **DISPOSAL METHOD** — **DISPOSED BY** — **DATE/TIME**

2829

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-517

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-107

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PW52	WATER	10/4/07	1010

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	10/4/07 1345	M. Valenta / M. Valenta	10/4/07 1345
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION RECEIVED BY | TITLE | DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD | DISPOSED BY | DATE/TIME

2330

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-520

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-108

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PW53	WATER	10/8/07	0950

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	10/8/07/1143	MO-612 FRIG	10/8/07/1143
MO-612 FRIG	10/11/07/1143	MJ HOCKING	10/11/07/1143
MJ HOCKING	10/11/07 1330		10/11/07 1330

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 2359

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-523

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-108

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1PW54	WATER	10/8/07	1000

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	10/8/07/1143	MO-612 FRIG	10/8/07/1143
MO-612 FRIG	10/11/07/1143	MJ HOCKING	10/11/07/1143
MJ HOCKING	10/11/07 1330	C. Torri	10/11/07 1330

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

CSL 2358

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-526 PAGE 1 OF 1

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-in-109

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	1000mL ~~500~~mL
SAMPLE ANALYSIS	MJH 10/11/07 Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1R0H9	WATER	10/11/07	1015

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES** / **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	10/11/07 1330	C. Irish	10/11/07 1330
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

LABORATORY SECTION RECEIVED BY TITLE DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD DISPOSED BY DATE/TIME

ESL 2301

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-529

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-109

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	1000mL ~~500mL~~ 10/11/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1R0J0	WATER	10/11/07	1025

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	10/11/07 1320	C. Tom	10/11/07 1320
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION RECEIVED BY | TITLE | DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD | DISPOSED BY | DATE/TIME

ESL 2360

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-533	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-in-110	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0L9	WATER	10/15/07	0955	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING	DATE/TIME 10/15/07 1242	RECEIVED BY/STORED IN MO-612 FRIG	DATE/TIME 10/15/07 1242	
RELINQUISHED BY/REMOVED FROM MO-612 FRIG	DATE/TIME 10/18/07 1210	RECEIVED BY/STORED IN MJ HOCKING	DATE/TIME 10/18/07 1210	
RELINQUISHED BY/REMOVED FROM MJ HOCKING	DATE/TIME 10/18/07 1315	RECEIVED BY/STORED IN C Town	DATE/TIME 10/18/07 1315	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2410

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-536	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-110	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0M1	WATER	10/15/07	1005	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING [signature]	10/15/07/1242	MO-612 FRIG	10/15/07/1242
MO-612 FRIG	10/18/07/1210	MJ HOCKING [signature]	10/18/07/1210
MJ HOCKING [signature]	10/18/07 1315	[signature] CEDUAV	10/18/07 1315

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2411

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-540	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-in-111	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0M4	WATER	10/18/07	1015	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ Hocking	DATE/TIME 10/18/07 1315	RECEIVED BY/STORED IN C. Ferwin	DATE/TIME 10/18/07 1315	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2407

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-543	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-111	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0M6	WATER	10/18/07	1030	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING	DATE/TIME 10/18/07 1315	RECEIVED BY/STORED IN C. IOHN	DATE/TIME 10/18/07 1315	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2406

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-547	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-in-112	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	~~500mL~~ 1000 mL MJH 10/25/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0M9	WATER	10/25/07	1035	–

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MJ Hocking	10/25/07 1400	M. Valental M. Valio	10/25/07 1400	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2468

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-550	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-112	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	~~500mL~~ 1000mL MJH 10/25/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0N1	WATER	10/25/07	1125	–

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	10/25/07 1400	M. Valental M. Valero	10/25/07 1400

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2469

A-6003-618(01/06)

MARCH 12 , 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-554	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-in-113	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	~~500mL~~ 1000 mL MJH 11/1/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99) SEE SPECIAL INSTRUCTION

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0N4	WATER	11/1/07	0945	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	11/1/07	C Jones	11/1/07 14:12
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS
LAB to preserve highlighted COCs w/ HNO_3 to pH <2 (ULTREX)

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 247+

A-6003-618(01/06)

MARCH 12, 2008 REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-557

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days		
SAMPLING LOCATION: I-44-eff-113	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
AIR QUALITY:			
ICE CHEST NO.:	FIELD LOGBOOK NO.:	ACTUAL SAMPLE DEPTH:	COA: 122597ES10
METHOD OF SHIPMENT: GOVERNMENT VEHICLE			
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	~~500mL~~ 1000mL MJH 11/1/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99) SEE SPECIAL INSTRUCTION

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1R0N6	WATER	11/1/07	1000

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	11/1/07 14:10	[illegible]	11/1/07 14:10

SPECIAL INSTRUCTIONS
LAB to preserve highlighted COCs w/ HNO_3 to pH < 2 (ULTREX)

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2475

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-561	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-in-114	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1R0P0	WATER	11/8/07	1000

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ Hocking	DATE/TIME 11/8/07 13:20	RECEIVED BY/STORED IN C. Jouin	DATE/TIME 11/8/07 CT 13:20	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2508

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-564	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 7N	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ		
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY**	**45 Days / 45 Days**
I-44-eff-114	Purolite Resin Treatability Test - 200-ZP-1 OU		F07-045		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**ACTUAL SAMPLE DEPTH**	**COA**	**METHOD OF SHIPMENT**	
			122597ES10	GOVERNMENT VEHICLE	
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
PNNL Building 325	N/A		N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0P2	WATER	11/8/07	1015	--

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	11/8/07 13:30	C JOVIN	11/8/07 13:30

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2509

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-568	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-In-115	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0P5	WATER	11-15-07	0945	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
J. Mehrer	11-15-07 13:20	C JOVIN	11/15/07 13:20	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2556

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-571	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-115	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0P7	WATER	11-15-07	1000	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
J. Mehrer	11-15-07 13:20	C. Doum	11/15/2007 13:20	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2557

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-575	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-In-116	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0R0	WATER	11/29/07	1230	–

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	11/29/07 15:20	Denrese Smith	11-29-07 15:20
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2574

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-578	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-116	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0R2	WATER	11/29/07	1250	–

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	11/29/07 15:20	Dennese Smith	11/29/07 15:20
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2575

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-582	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-in-117	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0R5	WATER	12/6/07	0940	–

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	12/6/07 1340	C JOHN	12/6/07 1340
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2586

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-585	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-eff-117	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0R8	WATER	12/6/07	0950	–

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING	DATE/TIME 12/6/07 1340	RECEIVED BY/STORED IN C JOVIV	DATE/TIME 12/6/07 1340	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2587

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-589	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-110	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0T1	WATER	10/15/07	1020 ~~0755~~ MJH 10/15/07	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 10/15/07/1242	RECEIVED BY/STORED IN MO-612 FRIG	DATE/TIME 10/15/07/1242	
RELINQUISHED BY/REMOVED FROM MO-612 FRIG	DATE/TIME 10/18/07/1210	RECEIVED BY/STORED IN MJ HOCKING [signature]	DATE/TIME 10/18/07/1210	
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 10/18/07 1315	RECEIVED BY/STORED IN [signature] C. Irvin	DATE/TIME 10/18/07 1315	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2412

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-592	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-110	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0T3	WATER	10/15/07	1030	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	10/15/07/1242	MO-612 FRIG	10/15/07/1242
MO-612 FRIG	10/18/07/1210	MJ HOCKING	10/18/07/1210
MJ HOCKING	10/18/07 1315	[illegible]	10/18/07 1315

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2413

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-596	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-In-111	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	~~500mL~~ 1000mL MJH 10/18/07
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1R0T6	WATER	10/18/07	1035

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING	DATE/TIME 10/18/07 1315	RECEIVED BY/STORED IN C Thom	DATE/TIME 10/18/07 1315	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2408

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-599	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-111	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	~~500mL~~ 1000mL MJH 10/18/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0T8	WATER	10/18/07	1045	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	10/18/07 1315	C. Tolin	10/18/07 1315
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2409

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-603	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-112	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	~~500mL~~ 1000 mL MJH 10/25/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0V1	WATER	10/25/07	1135	—

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [signature]	10/25/07 1400	M. Valenta / M. Valto	10/25/07 1400
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2470

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-606	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-112	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	~~500mL~~ 1000mL MJH 10/25/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0V3	WATER	10/25/07	1150	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	10/25/07 1400	N. Valenta/ M. Valen	10/25/07 1400
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

2471

A-6003-618(01/06)

MARCH 12, 2008 REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-610	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-113	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	~~500mL~~ 1000mL MJH 11/1/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99) SEE SPECIAL INSTRUCTION

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0V6	WATER	11/1/07	1020	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking [signature]	11/1/07 14:10	[signature] C. Iovin	11/1/07 14:10

SPECIAL INSTRUCTIONS
LAB to preserve highlighted COCs w/ HNO_3 to pH < 2 (ULTREX)

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESI 2007

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-613

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days	AIR QUALITY: ☐	
SAMPLING LOCATION: I-765-eff-113	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU	SAF NO.: F07-045	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA: 122597ES10
METHOD OF SHIPMENT: GOVERNMENT VEHICLE			
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A	BILL OF LADING/AIR BILL NO.: N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	~~500mL~~ 1000mL MJH 11/1/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99) SEE SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0V8	WATER	11/1/07	1030	--

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	11/1/07 14:10	C. Jones	11/1/07 14:10

SPECIAL INSTRUCTIONS
LAB to preserve highlighted COCs w/ HNO_3 to pH < 2 (ULTREX)

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2477

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-617

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days		
SAMPLING LOCATION: I-765-in-114	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
AIR QUALITY: [ ]			
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA: 122597ES10
METHOD OF SHIPMENT: GOVERNMENT VEHICLE			
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0W1	WATER	11/8/07	1020	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKINGS	11/8/07 13:30	C. IOVIN	11/8/07 13:30

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESI 2510

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-620	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-114	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY [ ]	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0W3	WATER	11/8/07	1035	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	11/8/07 13:30	John C. Irwin	11/8/07 13:30
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

FSI 2511

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-624	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-In-115	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY [ ]	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)												
TYPE OF CONTAINER	Nalgene												
NO. OF CONTAINER(S)	1												
VOLUME	500mL												
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)												

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1R0W6	WATER	11-15-07	1015	✓									

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM J. Mehrer	DATE/TIME 11-15-07 13:20	RECEIVED BY/STORED IN Sally Catlin	DATE/TIME 11/15/2007 13:20	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2554

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-627

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: I-765-eff-115	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA: 122597ES10
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 7N

AIR QUALITY: [ ]

DATA TURNAROUND: 45 Days / 45 Days

METHOD OF SHIPMENT: GOVERNMENT VEHICLE

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0W8	WATER	11-15-07	1045	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J Mehrer	11-15-07 13:20	Judy C. Jovin	11/15/07 13:20
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

FSL 255Tg

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-631	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N AIR QUALITY [ ]	DATA TURNAROUND 45 Days / 45 Days
SAMPLING LOCATION I-765-in-116	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045		
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0X1	WATER	11/29/07	1325	–

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	11/29/07 15:20	Dennese Smith	11-29-07 15:20

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2572

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-634	PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-765-eff-116	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**ACTUAL SAMPLE DEPTH**	**COA** 122597ES10
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

PRICE CODE 7N

AIR QUALITY [ ]

DATA TURNAROUND 45 Days / 45 Days

METHOD OF SHIPMENT GOVERNMENT VEHICLE

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0X3	WATER	11/29/07	1335	-

CHAIN OF POSSESSION — **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	11/29/07 15:20	Dennese Smith	11-29-07 15:20
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

FSL 2573

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-638	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-117	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY [ ]	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0X6	WATER	12/6/07	1015	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	12/6/07 1340	C. Jovin	12/6/07 13:40

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ECI 2289

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-641

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: I-765-eff-117	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA: 122597ES10
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 7N

AIR QUALITY: [ ]

DATA TURNAROUND: 45 Days / 45 Days

METHOD OF SHIPMENT: GOVERNMENT VEHICLE

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS {Technetium-99}

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1R0X8	WATER	12/6/07	1030	--

CHAIN OF POSSESSION — SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	12/6/07 1340	C. Jovin	12/6/07 1340

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ES 2588

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-648

COLLECTOR
Mehrer/Hocking

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT COORDINATOR
TRENT, SJ

PRICE CODE 7N

DATA TURNAROUND
45 Days / 45 Days

SAMPLING LOCATION
I-44-eff-118

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

SAF NO.
F07-045

AIR QUALITY ☐

ICE CHEST NO.

FIELD LOGBOOK NO.

ACTUAL SAMPLE DEPTH

COA
122597ES10

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
PNNL Building 325

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1RPD8	WATER	12/13/07	1115

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	12/13/07 1430		12/13/07 1430
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION RECEIVED BY | TITLE | DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD | DISPOSED BY | DATE/TIME

ESL 2622

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-655

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 7N	**DATA TURNAROUND** 45 Days / 45 Days		
SAMPLING LOCATION I-765-eff-118	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU	**SAF NO.** F07-045	**AIR QUALITY**
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**ACTUAL SAMPLE DEPTH**	**COA** 122597ES10
METHOD OF SHIPMENT GOVERNMENT VEHICLE			
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A	**BILL OF LADING/AIR BILL NO.** N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SD=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTRFX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1RPF5	WATER	12/13/07	1130

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	12/13/07 1430	C. IOUIN	12/13/07 1430

SPECIAL INSTRUCTIONS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

ESL 2623

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-659	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-44-in-119	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1RRY4	WATER	12/20/07	0942	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
R.O. Mahood / Richard O. Mahood 12/20/07	1407	C. JOVIN	12/20/07 1407

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

~~ESL 2646~~ ESL 2648

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-662

PAGE 1 OF 1

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: 7N
SAMPLING LOCATION: I-44-eff-119	PROJECT DESIGNATION: Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO.: F07-045	AIR QUALITY ☐
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA: 122597ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A	

DATA TURNAROUND: 45 Days / 45 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1RRY7	WATER	12/20/07	1001	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
R.O. Mahood/Richard O. Mahood	12/20/07 H07	C. Jouin [signature]	12 20 07 1402

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

~~ESL 2643~~ ESL 2649

A-6003-618(01/06)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-666	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-in-119	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegitation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	HNO3 to pH <2(ULTREX)
		TYPE OF CONTAINER	Nalgene
		NO. OF CONTAINER(S)	1
		VOLUME	500mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1RT01	WATER	12/20/07	1044	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
R.O. Mahood / Richard O. Mahood 12/20/07	1407	C. Irwin	12/20/07 1407	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2646

A-6003-618(01/06)

MARCH 12, 2008

REV. 0

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-669	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	COMPANY CONTACT Trent, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 7N	DATA TURNAROUND
SAMPLING LOCATION I-765-eff-119	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	AIR QUALITY ☐	45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122597ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO PNNL Building 325	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2(ULTREX)
TYPE OF CONTAINER	Nalgene
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1RT04	WATER	12/20/07	1055	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
R.O. Mahood/R.O. Mahood 12/20/07	1407	C. Iovin	12/20/07 1407
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

ESL 2647

A-6003-618(01/06)

MARCH 12, 2008

REV. 0