MAY 6 , 2008 REV. 1

Pacific Northwest
National Laboratory
Operated by Battelle for the
U.S. Department of Energy

April 15, 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, Revision 1.

This letter contains the following information for sample delivery group PNL0062:

- Cover Sheet
- Narrative
- Analytical Results

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Cover Sheet
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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

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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
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

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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
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

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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
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
Data Deliverable Date	3/12/2007
Data Deliverable	Hard Copy Report
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

This is a revision to the original hard copy report for water samples received between April 26, 2007 and December 20, 2007 from Purolite Resin Treatability Study- 200 ZP-1 OU for quick turn-around screening for Tc-99. The original report issued on March 12, 2008 contained a transcription error for sample B1RPF5, which has been corrected in this report. The data as reported was not affected by this error. A copy of Problem and Discrepancies Report for SDG PNL0062 and the ESL's corrective actions are included at the end of the narrative section.

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.

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor Battelle Memorial Institute, nor any of their employees, makes **any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights.** Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof, or Battelle Memorial Institute. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

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.

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Pacific Northwest
National Laboratory
Operated by Battelle for the
U.S. Department of Energy

April 14, 2008

To: Steve Trent

From: Michael Lindberg
Environmental Sciences Laboratory

Subject: Response to Problem and Discrepancies Report for SDG PNL0062

Statement of Concern:

The sample ID for sample B1RPF8 on page 25 of the hardcopy report *Tc-99 Screening of Water Samples Collected From Purolite Resin Treatability Study- 200 ZP-1 OU, Sample Delivery Group PNL0062, SAF Number F07-045* issued by the Pacific Northwest National Laboratory's Environmental Sciences Laboratory (ESL) to Fluor Hanford Inc. was incorrectly reported. The correct sample number as listed on the chain of custody was B1RPF5.

Discovery of this issue led to a review of the handling process for this sample in the ESL. Completion of this review revealed that the sample was handled appropriately through the process using the correct sample ID (B1RPF5), with the exception of a transcription error when the sample ID was entered at the instrument level. The cause of this error was due to inattention to detail.

There were no errors noted in the results for sample B1RPF8 as reported in the hard copy report. The only error noted was the transcription error of identifying the sample as B1RPF8 instead of B1RPF5. The data as reported should be considered the correct data for sample B1RPF5.

Corrective Action:

A corrected hard copy report will be issued to Fluor Hanford Inc. with a copy of the Problem and Discrepancies Report for SDG PNL0062 and a copy of this response. Date of completion: 04/30/2008.

The ESL has implemented a Laboratory Information Management System (LIMS) which will minimize this type of error in the future. The LIMS allows sample information as inputted from the chain of custody to be uploaded at the instrument level, which reduces the risk of transcription errors.

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

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Analytical Results – RADISO_ICPMS
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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
B1RPF5	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

F07-045-218 PAGE 1 OF 1

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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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	M0-745 FRIDGE #1	4/26/07 1300
M0745 Fridge #1	4/30/07 1130	J. Mehrer	4/30/07 1130
J. Mehrer	4/30/07	Courtney Toon	4/30/07 1155

SPECIAL INSTRUCTIONS

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

A-6003-618(01/06)

MAY 6, 2008

REV. 1

67000000

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
SAMPLING LOCATION I-44eff-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	
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 [signature]	4/26/07 1300	M0745 Fridge #1	4/26/07 1300
M0745 Fridge #1	4-30-07 1130	J. Mehrer [signature]	4/30/07 1130
J. Mehrer [signature]	4-30-07	[signature]	4/30/07 11:55

SPECIAL INSTRUCTIONS

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

MAY 6, 2008

REV. 1

00000030

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
SAMPLING LOCATION I-765-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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY ☐

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	
B1NF31	WATER	4/26/07	1100	X

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	4/26/07 1300	M0745 Fridge #1	4/26/07 1300
M0745 Fridge #1	4/30/07 1130	J. Mehrer	4/30/07 1130
J. Mehrer	4-30-07	Christian Covin	4/30/07 11:56

SPECIAL INSTRUCTIONS

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

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000031

MAY 6 , 2008

REV. 1

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 [signature]	4/26/07 1300	MO745 Fridge #1	4/26/07 1300
MO745 Fridge#1	4/30/07 1130	J.Mehrer [signature]	4/30/07 1130
J.Mehrer [signature]	4/30/07	[signature] Christian Irwin	4/30/07 11:55

SPECIAL INSTRUCTIONS

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

0000032

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** 45 Days / 45 Days		
SAMPLING LOCATION I-44-in-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	
B1NF01	WATER	4/30/07	1000	~

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	4-30-07	Jeffrey Ervin Irvin	4/30/07 CE

SPECIAL INSTRUCTIONS

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

A-6003-618(01/06)

0025003

MAY 6, 2008

REV. 1

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-228	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-2	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
B1NF02	WATER	4/30/07	1000

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	4-30-07	Custom Tech	4/30/07 1155

SPECIAL INSTRUCTIONS

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

A-6003-618(01/06)

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REV. 1

00000034

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 **AIR QUALITY**	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-765-in-2	**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
B1NDW5	WATER	4-30-07	1030

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	4/30/07	Cristin Jordan	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
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)

MAY 6, 2008

REV. 1

0000035

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
SAMPLING LOCATION I-765-eff-2	**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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	4/30/07	Coleman Tolan	4/30/07 11:55

SPECIAL INSTRUCTIONS

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

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000003

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-eff-3	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	5/3/07 15:10		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)

MAY 6, 2008

REV. 1

0000037

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 **AIR QUALITY**
SAMPLING LOCATION I-44-in-3	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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/[illegible]	5/3/07 1510	[illegible]	5/3/07 1510

SPECIAL INSTRUCTIONS

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

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000093

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-020 PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-765-in-3	**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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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
MJ HOCKING	5/3/07 15:10	[signature]	5/03/07 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)

MAY 6, 2008

REV. 1

0000036

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	5/5/07	1330	✓

MAY 6, 2008

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]	5/03/07 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

REV. 1

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

A-6003-618(01/06)

0700004

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-240	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	DATA TURNAROUND
Mehrer/Hocking	Trent, SJ	373-5869	TRENT, SJ	7N	
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY**	45 Days / 45 Days
I-44-In-4	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
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	5-7-07 1226	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)

MAY 6, 2008

REV. 1

0000047

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 **AIR QUALITY** ☐	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-44-eff-2	**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 250mL 125mL
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)

MAY 6, 2008

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MAY 6, 2008

REV. 1

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-027

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-765-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

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	1000mL ~~500mL~~ MGH 5/7/07
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**

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

00000043

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
SAMPLING LOCATION I-765-eff-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

PRICE CODE 7N **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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~~ ADM 5/5/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

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

MAY 6, 2008

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-7-07 1220	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**

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00000074

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REV. 1

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
SAMPLING LOCATION: I-765-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	
B1NF33	WATER	5/10/07	1000	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

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

00000045

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

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COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-765-eff-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 | **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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	
B1NF63	WATER	5/10/07	1000	✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	5/10/07 1205	M. Valenza/M Valenza	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)

MAY 6, 2008

REV. 1

0700000

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 **AIR QUALITY**	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-44-eff-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		

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 — **SIGN/ PRINT NAMES**

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

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REV. 1

0047000

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	**PRICE CODE** 7N **AIR QUALITY**
SAMPLING LOCATION I-44-in-5	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
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 Valencia/M. Valdez	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)

0400000

MAY 6, 2008

REV. 1

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-255	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-6	**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
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
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
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 00001642

A-6003-618(01/06)

MAY 6, 2008

REV. 1

6400000

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-eff-6	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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**

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

SPECIAL INSTRUCTIONS

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

ESLC0001643

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000050

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 **AIR QUALITY**	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-765-eff-6	**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	
B1NDX0	WATER	5-14-07	1015	—

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. Valle	5/14/07 1115

SPECIAL INSTRUCTIONS

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

ESL 00001644

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000057

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 **AIR QUALITY**
SAMPLING LOCATION I-765-In-6	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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
B1NDW9	WATER	5-14-07	1015

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. Valente/M. Valle	5/14/07 1115

SPECIAL INSTRUCTIONS

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

ESL0000016045

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000052

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
SAMPLING LOCATION I-765-In-7	**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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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	
B1NF34	WATER	5-17-07	1030	✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-17-07 1330	C. Dunn	5/17/07 1330

SPECIAL INSTRUCTIONS

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

ESL ... 1049

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0055000000

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 **AIR QUALITY**
SAMPLING LOCATION I-44-in-7	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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
B1NF49	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	5-17-07 1300	Chism Town	5/17/07 1300

SPECIAL INSTRUCTIONS

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

BSL ... 1091

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0053474

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-054 PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-765-eff-7	**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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY ☐

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	1630

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-17-07 17:20		5/17/07 13:20

SPECIAL INSTRUCTIONS

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

A-6003-618(01/06)

MAY 6, 2008

REV. 1

55000055

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-eff-7	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	5-17-07 13:00	Christian Irwin	5/17/07 13:40

SPECIAL INSTRUCTIONS

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

FSI ... 11493

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000056

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 **AIR QUALITY**	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-765-in-8	**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
B1NDX1	WATER	5-21-07	1000

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-21-07 1130	M. Valverde M. Valve	5/21/07 1130

SPECIAL INSTRUCTIONS

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

ESL0000 1723

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000057

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 **AIR QUALITY**
SAMPLING LOCATION I-765-eff-8	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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
B1NDX2	WATER	5-21-07	1000

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-21-07 1130	M. Vakoutal/M. Vallio	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

SPECIAL INSTRUCTIONS

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

1724

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000058

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 **AIR QUALITY** ☐	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-44-in-8	**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
B1NF07	WATER	5-21-07	0930

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-21-07 1130	M. Valenta/M. Valles	5/21/07 1130

SPECIAL INSTRUCTIONS

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

MMV 1724 1725

A-6003-618(01/06)

0055000

MAY 6, 2008

REV. 1

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 **AIR QUALITY** ☐	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-44-eff-8	**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
B1NF08	WATER	5/21/07	0930

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	5-21-07 1130	M. Valencia/M. Valdez	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

SPECIAL INSTRUCTIONS

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

1926

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000000

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-065	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-in-9	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
B1NF35	WATER	5-24-07	1000

CHAIN OF POSSESSION

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

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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

ESL0000 1739

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000021

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
SAMPLING LOCATION I-44-in-9	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**AIR QUALITY** ☐ **DATA TURNAROUND** 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.Rad	5-24-07/12:45

SPECIAL INSTRUCTIONS

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

I-44-in-9

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000092

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 **AIR QUALITY** ☐	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-765-eff-9	**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
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.M. Mehrer	5-24-07	K. Rad	5-24-07 1245

SPECIAL INSTRUCTIONS

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

1741

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000093

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 **AIR QUALITY** ☐	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-44-eff-9	**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
B1NF80	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. Rod	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**

1742

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REV. 1

4000000

MAY 6, 2008

REV. 1

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		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	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 [signature]	DATE/TIME 7/5/07/1040	
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 7/5/07/1145	RECEIVED BY/STORED IN M. Valentin/M. Valeo	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

ESL0000 1888

A-6003-618(01/06)

00000065

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 **AIR QUALITY**	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-44-eff-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	
B1NF10	WATER	7/5/07	1020	✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	7/5/07/1145	M. Valenta/M. Valenta	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

SPECIAL INSTRUCTIONS

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

1889

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000066

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 **AIR QUALITY**
SAMPLING LOCATION I-44-in-11	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
B1NF09	WATER	7/5/07	1015	✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MD Hocking	7/5/07 1145	M. Valenta/M Valenta	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

SPECIAL INSTRUCTIONS

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

1890

A-6003-618(01/06)

0000097

MAY 6, 2008

REV. 1

MAY 6, 2008

REV. 1

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*
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	
B1NF51	WATER	7/2/07 ~~1040~~ MJH	1040	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	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 [signature]	DATE/TIME 7/5/07/1040	
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 7/5/07/1145	RECEIVED BY/STORED IN M. Nakata/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)

0000068

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
SAMPLING LOCATION: I-44-in-13	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	
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. Valle	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)

MAY 6, 2008

REV. 1

00000069

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 **AIR QUALITY**
SAMPLING LOCATION I-44-eff-13	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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**

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

SPECIAL INSTRUCTIONS

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

1480

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0700070

MAY 6, 2008

REV. 1

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		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	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 [signature]	DATE/TIME 7/12/07/1035	
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 7/12/07/1140	RECEIVED BY/STORED IN M. Valenza/M. Valeo	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

1901

A-6003-618(01/06)

00000071

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-eff-12	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
B1NF82	WATER	7/9/07	1000	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	7/9/07/1025	MO-612 FRIDGE	7/9/07/1025
MO-612 FRIDGE	7/12/07/1035	MJ Hocking	7/12/07/1035
MJ Hocking	7/12/07/1140	M. Vukmirovich	7/12/07 1140

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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

1902

A-6003-618(01/06)

MAY 6, 2008

REV. 1

2700072

MAY 6, 2008

REV. 1

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 HOCKING [signature]	7/16/07 /1000	MO-612 FRIDGE	7/16/07 /1000
MO-612 FRIDGE	7/19/07 /1058	MJ HOCKING [signature]	7/19/07 /1058
MJ HOCKING [signature]	7/19/07 /1225	M. Valenta / M. Valenta	7/19/07 1225

SPECIAL INSTRUCTIONS

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

ES1.00001921

A-6003-618(01/06)

00000073

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
SAMPLING LOCATION: I-44-eff-15	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	
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/MJ Valles	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)

MAY 6, 2008

REV. 1

0000074

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
SAMPLING LOCATION: I-44-in-14	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	
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	N. Valenta/JM Valle	7/19/01 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)

MAY 6, 2008

REV. 1

00000075

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 AIR QUALITY ☐
SAMPLING LOCATION I-44-eff-14	PROJECT DESIGNATION Purolite Resin Treatability Test - 200-ZP-1 OU		SAF NO. F07-045	DATA TURNAROUND 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
MD Hocking/[signature]	7/19/07 1225	M. Valencia/[signature]	7/19/07 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

SPECIAL INSTRUCTIONS

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

0070278

1974

A-6003-618(01/06)

MAY 6, 2008

REV. 1

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 **AIR QUALITY**
SAMPLING LOCATION I-765-In-10	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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 Hockwater	7/26/07 1420	Trenton Hunt	7/26/07 1420

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)

MAY 6, 2008

REV. 1

0000077

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
SAMPLING LOCATION: I-765-eff-10	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
B1NF66	WATER	7/26/07	1030

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
M J Hocking	7/26/07 1430	Kenton Rod Kurtzman	7/26/07 1430

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

ESL 1727

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0700078

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 **AIR QUALITY**
SAMPLING LOCATION I-765-in-11	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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
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	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 1908

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0047000079

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-084	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N **AIR QUALITY** ☐
SAMPLING LOCATION I-765-eff-11	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
B1NDX4	WATER	7/23/07	1030	✓

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	[illegible]	7/26/07 1420

SPECIAL INSTRUCTIONS

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

FSI 1442

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000000

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 **AIR QUALITY** ☐	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-44-in-16	**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	
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 1420

SPECIAL INSTRUCTIONS

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

EC 1950

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000081

MAY 6, 2008

REV. 1

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		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 7/23/07/1035	RECEIVED BY/STORED IN MO-612 FRIDGE	DATE/TIME 7/23/07/1035	
RELINQUISHED BY/REMOVED FROM MO-612 FRIDGE	DATE/TIME 7/26/07/1238	RECEIVED BY/STORED IN MJ HOCKING [signature]	DATE/TIME 7/26/07/1238	
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 7/26/07/1470	RECEIVED BY/STORED IN Kenton Rod [signature]	DATE/TIME 2/26/07 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

ESL 1951

A-6003-618(01/06)

00000082

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 **AIR QUALITY**
SAMPLING LOCATION I-44-in-17	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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 1420		
			7/26/07 1420

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)

MAY 6, 2008

REV. 1

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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 **AIR QUALITY**
SAMPLING LOCATION I-44-eff-17	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	7/26/07	Kantzler	7/26/07 1720

SPECIAL INSTRUCTIONS

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

ESL 1252

A-6003-618(01/06)

MAY 6, 2008

REV. 1

4000084

MAY 6, 2008

REV. 1

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 [signature]	7/30/07/1016	MO-612 FRIDGE	7/30/07/1016
~~J. Mehrer [signature]~~	~~8-2-07~~		
MO612 Fridge	8-2-07/1120	J. Mehrer [signature]	8-2-07 1120
J. Mehrer [signature]	8-2-07/12:55	Kenton 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

ESL 1970

A-6003-618(01/06)

00000085

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
SAMPLING LOCATION I-765-eff-13	**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	
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
M0612 Fridge	8-2-07/1120	J. Mehrer	8-2-07 1120
J. Mehrer	8-2-07/12:55	Karen 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)

MAY 6, 2008

REV. 1

0000008

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-345	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-44-in-18	**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	
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	M0-612 FRIDGE	7/30/07 1016
M0612 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)

MAY 6, 2008

REV. 1

0000087

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-eff-18	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	M0-612 FRIDGE	7/30/07/1016
M0612 Fridge	8-2-07/1120	J. Mehrer	8-2-07/1120
J. Mehrer	8-2-07/12:55	Keyton 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 1977

A-6003-618(01/06)

MAY 6, 2008

REV. 1

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 **AIR QUALITY**
SAMPLING LOCATION I-765-in-12	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	8-2-07 1255	Renfro Pool	8/2/07 1255

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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

SSI 1974

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0080000

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-in-19	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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
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 Rod	8/2/07 1255

SPECIAL INSTRUCTIONS

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

ESL 10-15

A-6003-618(01/06)

0400000

MAY 6, 2008

REV. 1

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F07-045-093	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-12	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	
B1NF67	WATER	8-2-07	1045	—

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 Tos Rod	8/2/07 12:55

SPECIAL INSTRUCTIONS

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

FSL 1976

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0090091

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
SAMPLING LOCATION I-44-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

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	
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	K. Rod	8/2/07 11:55
	8-2-07		

SPECIAL INSTRUCTIONS

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

FSL 1977

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0096000000

MAY 6, 2008

REV. 1

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		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] Crissman Iron	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

ESL 2045

415

A-6003-618(01/06)

00000093

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 **AIR QUALITY**
SAMPLING LOCATION I-765-eff-14	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
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	S. Trent	08/09/07 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**

ES1 0711

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MAY 6, 2008

REV. 1

0000097

MAY 6, 2008

REV. 1

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-114

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-15	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	
B1NDX8	WATER	8/6/07	1000	✓

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

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	MJ HOCKING [signature]	8/9/07/1200
MJ HOCKING [signature]	8/9/07 1300	[signature] C. Jovin	8/9/07 1300

SPECIAL INSTRUCTIONS

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

FCI 9044

A-6003-618(01/06)

0000095

MAY 6, 2008

REV. 1

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
PRICE CODE: 7N	DATA TURNAROUND: 45 Days / 45 Days		
SAMPLING LOCATION: I-765-in-15	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	
B1NDX7	WATER	8/6/07	0955	✓

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

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

SPECIAL INSTRUCTIONS

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

ESL 2 048

A-6003-618(01/06)

00000096

MAY 6, 2008

REV. 1

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
SAMPLING LOCATION: I-44-in-20	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
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 [signature]	8/6/07/1030	MO-612 FRIDGE	8/6/07/1030
MO-612 FRIDGE	8/9/07/1200	MJ HOCKING [signature]	8/9/07/1200
MJ HOCKING [signature]	8/9/07	[signature] C. TOVIN	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)

00000097

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 **AIR QUALITY** ☐	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-44-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	
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	Kelly C. Irwin	8/9/07 1340

SPECIAL INSTRUCTIONS

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

FSI 2050

File

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REV. 1

0045003

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-eff-21	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/9/07 1350	C. Irwin	8/9/07 1340

SPECIAL INSTRUCTIONS

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

A-6003-618(01/06)

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REV. 1

0060000

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

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COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: I-765-in-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

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
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	O. JOHN	8/9/07 1300

SPECIAL INSTRUCTIONS

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

FSL 2052

415

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000170

MAY 6, 2008

REV. 1

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
SAMPLING LOCATION I-765-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	
B1NDY0	WATER	8/13/07	1055	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 1123 8/13/07	RECEIVED BY/STORED IN MO-612 FRIDGE	DATE/TIME 8/13/07 /1123	
RELINQUISHED BY/REMOVED FROM MO-612 FRIDGE	DATE/TIME 8/16/07 /1047	RECEIVED BY/STORED IN MJ HOCKING [signature]	DATE/TIME 8/16/07/1047	
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 8/16/07 1320	RECEIVED BY/STORED IN M. Valenta / M. Valenta	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	

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

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A-6003-618(01/06)

00000101

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REV. 1

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

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

2111

A-6003-618(01/06)

00000102

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 **AIR QUALITY**
SAMPLING LOCATION I-765-in-17	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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**

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

SPECIAL INSTRUCTIONS

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

2 1 2

A-6003-618(01/06)

0001023

MAY 6, 2008

REV. 1

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-765-eff-17	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	8/16/07 1320	M Valenta M. Valenta	8/16/01 1320

SPECIAL INSTRUCTIONS

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

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A-6003-618(01/06)

MAY 6, 2008

REV. 1

0001074

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-in-22	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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. Valuna M. Valuna	8/16/07 1320

SPECIAL INSTRUCTIONS

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

2114

A-6003-618(01/06)

0000105

MAY 6, 2008

REV. 1

MAY 6, 2008

REV. 1

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
SAMPLING LOCATION I-44-eff-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	
B1NF22	WATER	8/13/07	1045	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING / [signature]	DATE/TIME 8/13/07 / 1123	RECEIVED BY/STORED IN MO-612 FRIDGE	DATE/TIME 8/13/07 / 1123	
RELINQUISHED BY/REMOVED FROM MO-612 FRIDGE	DATE/TIME 8/16/07 / 1047	RECEIVED BY/STORED IN MJ HOCKING / [signature]	DATE/TIME 8/16/07 / 1047	
RELINQUISHED BY/REMOVED FROM MJ HOCKING / [signature]	DATE/TIME 8/16/07 1320	RECEIVED BY/STORED IN M. Valenta M. Valeo	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	

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

0000106

A-6003-618(01/06)

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
SAMPLING LOCATION I-44-in-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

PRICE CODE 7N **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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. Valenza M. Valle	8/16/07 1320

SPECIAL INSTRUCTIONS

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

2116

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MAY 6, 2008

REV. 1

0001007

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
SAMPLING LOCATION I-44-eff-23	**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	
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 / [signature]	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	

SPECIAL INSTRUCTIONS

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

0 0 0 0 0 0 0 0 0 0 0 0 0 0

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REV. 1

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
SAMPLING LOCATION I-765-in-18	**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

DATA TURNAROUND

AIR QUALITY ☐

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	
B1NDY1	WATER	8/20/07	1000	✓

CHAIN OF POSSESSION

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	N. Valera/M. Valera	8/23/07 1250

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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

ESL 8/23/07 1200

A-6003-618(01/06)

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REV. 1

00100109

MAY 6, 2008

REV. 1

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F07-045-135	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-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	
B1NDY2	WATER	8/20/07	1005	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature]	DATE/TIME 8/20/07 /1030	RECEIVED BY/STORED IN MO-612 FRIG	DATE/TIME 8/20/07 /1030	
RELINQUISHED BY/REMOVED FROM MO-612 FRIG	DATE/TIME 8/23/07 /1048	RECEIVED BY/STORED IN MJ HOCKING [signature]	DATE/TIME 8/23/07 /1048	
RELINQUISHED BY/REMOVED FROM MJ HOCKING [signature] 1250	DATE/TIME 8/23/07	RECEIVED BY/STORED IN M. Valenta/M. Valvo	DATE/TIME 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	

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

2201

A-6003-618(01/06)

00000110

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-765-in-19	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	N. Varma/ M. Valle	8/23/07 1250

SPECIAL INSTRUCTIONS

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

2202

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000011

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-144 | PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
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

PRICE CODE 7N | **DATA TURNAROUND** 45 Days / 45 Days | **AIR QUALITY**

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	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**

7205

A-6003-618(01/06)

0000617

MAY 6, 2008

REV. 1

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	**PRICE CODE** 7N **AIR QUALITY** ☐
SAMPLING LOCATION I-44-in-24	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
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 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. Valdez	8/23/01 1250

SPECIAL INSTRUCTIONS

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

2214

A-6003-618(01/06)

0001413

MAY 6, 2008

REV. 1

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
SAMPLING LOCATION: I-44-eff-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

DATA TURNAROUND: 45 Days / 45 Days

AIR QUALITY: ☐

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	200-612 FRIG	8/20/07 1030
200-612 FRIG	8/23/07 1048	MJ Hocking	8/23/07 1048
MJ Hocking	8/23/07 1250	M. Valuntas/M. Valuntas	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)

0000174

MAY 6, 2008

REV. 1

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-in-25	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
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/	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**

2201

A-6003-618(01/06)

0000011 5

MAY 6, 2008

REV. 1

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-402	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N **AIR QUALITY** ☐
SAMPLING LOCATION I-44-eff-25	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
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. 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**

2707

A-6003-618(01/06)

0001013

MAY 6, 2008

REV. 1

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 **AIR QUALITY**
SAMPLING LOCATION I-44-eff-26	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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 13:25	John C. Trent	8/30/07 13:25

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)

00000117

MAY 6, 2008

REV. 1

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-in-26	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
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 / [signature]	8/30/07 13:20	[signature] C.INVIN	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)

MAY 6, 2008

REV. 1

0100013

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 **AIR QUALITY** ☐	**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		
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. Irwin	8/30/07 13:20

SPECIAL INSTRUCTIONS

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

EC1 2222

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0071000

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 **AIR QUALITY**	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-765-eff-20	**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
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 Hocking	8/30/07/13:26		8/30/07 13:20

SPECIAL INSTRUCTIONS

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

EC1 9722

A-6003-618(01/06)

0021000

MAY 6, 2008

REV. 1

MAY 6, 2008

REV. 1

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
SAMPLING LOCATION I-765-in-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	
B1NF41	WATER	9/4/07	1120	✓

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

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

ESL 0000 2260

A-6003-618(01/06)

00000121

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
SAMPLING LOCATION I-765-eff-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

PRICE CODE 7N **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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
MO-612 FRIG	9/6/07 1130	MJ HOCKING	9/6/07 1130
MJ HOCKING	9/6/07	[illegible]	9-6-07 14:20

SPECIAL INSTRUCTIONS

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

221.1

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000122

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-162	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-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	
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		9-6-07 1920

SPECIAL INSTRUCTIONS

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

0007123

MAY 6, 2008

REV. 1

2217

A-6003-618(01/06)

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	**PRICE CODE** 7N **AIR QUALITY** ☐
SAMPLING LOCATION I-765-eff-22	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
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		9-6-07 1420

SPECIAL INSTRUCTIONS

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

0002124

MAY 6, 2008

REV. 1

1 2 1 2

A-6003-618(01/06)

MAY 6, 2008

REV. 1

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

0014

A-6003-618(01/06)

00000125

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 **AIR QUALITY**
SAMPLING LOCATION I-44-eff-27	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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**

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
MO-612 FRIG	9/6/07 1130	MJ Hocking	9/6/07 1130
MJ Hocking	9/6/07		9-6-07 1420

SPECIAL INSTRUCTIONS

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

22.5

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000126

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-44-in-28	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [illegible]	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**

291.1

A-6003-618(01/06)

0000122

MAY 6, 2008

REV. 1

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-426 PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-44-eff-28	**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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY ☐

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		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**

9217

A-6003-618(01/06)

0000120

MAY 6, 2008

REV. 1

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-442

COLLECTOR
Mehrer/Hocking

SAMPLING LOCATION
I-44-in-100

ICE CHEST NO.

SHIPPED TO
PNNL Building 325

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

FIELD LOGBOOK NO.

COA
122597ES10

OFFSITE PROPERTY NO.
N/A

PROJECT COORDINATOR
TRENT, SJ

SAF NO.
F07-045

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

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
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 [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. Valenta / M. Valto	9/13/07 1220

LABORATORY SECTION RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD

DISPOSED BY

DATE/TIME

7756

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000129

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-445

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-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)

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
B1PM05	WATER	9/10/07	1030 ✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking / [signature]	1140 9/10/07	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. Vakntaf M. Valto	9/13/07 1220

LABORATORY SECTION RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD

DISPOSED BY

DATE/TIME

2286

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000130

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-429

COLLECTOR
Mehrer/Hocking

SAMPLING LOCATION
I-44-in-DUP

ICE CHEST NO.

SHIPPED TO
PNNL Building 325

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

FIELD LOGBOOK NO.

COA
122597ES10

OFFSITE PROPERTY NO.
N/A

PROJECT COORDINATOR
TRENT, SJ

SAF NO.
F07-045

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

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
B1PM20	WATER	9/10/07	1025

CHAIN OF POSSESSION

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. Valenta / M. Valenta	9/13/07 1220

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

LABORATORY SECTION RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD

DISPOSED BY

DATE/TIME

2287

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000131

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
SAMPLING LOCATION: I-44-eff-DUP	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
B1PM21	WATER	9/10/07	1035

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	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	U. Vakrita / M. Vallo	9/13/07 1220

LABORATORY SECTION — RECEIVED BY — TITLE — DATE/TIME

FINAL SAMPLE DISPOSITION — DISPOSAL METHOD — DISPOSED BY — DATE/TIME

2288

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000132

MAY 6, 2008

REV. 1

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 [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. 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

2289

A-6003-618(01/06)

00000133

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
SAMPLING LOCATION I-765-eff-23	**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	
B1NF72	WATER	9/10/07	1100	~

CHAIN OF POSSESSION

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. Valle	9/13/07 1220

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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

7290

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000134

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-435

COLLECTOR
Mehrer/Hocking

SAMPLING LOCATION
I-765-in-DUP

ICE CHEST NO.

SHIPPED TO
PNNL Building 325

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT DESIGNATION
Puroilte Resin Treatability Test - 200-ZP-1 OU

FIELD LOGBOOK NO.

COA
122597ES10

OFFSITE PROPERTY NO.
N/A

PROJECT COORDINATOR
TRENT, SJ

SAF NO.
F07-045

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

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
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. Vakma / M. Vallo	9/13/07 1220

LABORATORY SECTION RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD

DISPOSED BY

DATE/TIME

2221

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000135

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-438 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-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

MAY 6, 2008

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

REV. 1

LABORATORY SECTION RECEIVED BY | TITLE | DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD | DISPOSED BY | DATE/TIME

0000136

2292

A-6003-618(01/06)

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	9/13/07 1220	M. Valdez M. Valdez	9/13/07 1220

SPECIAL INSTRUCTIONS

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

2293

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000127

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
SAMPLING LOCATION: I-765-eff-24	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	
B1NF73	WATER	9/13/07	1015	✓

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

SPECIAL INSTRUCTIONS

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

2294

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000013 03

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-455 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-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

MAY 6, 2008

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/13/07 1220	M. Valenta/M. Valdo	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

LABORATORY SECTION **RECEIVED BY** **TITLE** **DATE/TIME**

FINAL SAMPLE DISPOSITION **DISPOSAL METHOD** **DISPOSED BY** **DATE/TIME**

REV. 1

0000129

2295

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-458 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-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	✓

MAY 6, 2008

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	9/13/07 1220	M. Valencia/M. Valdez	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

REV. 1

0000140

LABORATORY SECTION RECEIVED BY TITLE DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD DISPOSED BY DATE/TIME

2296

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-468 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-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

MAY 6, 2008

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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. Valencia/M. Valero	9/20/07 1205

LABORATORY SECTION **RECEIVED BY** **TITLE** **DATE/TIME**

FINAL SAMPLE DISPOSITION **DISPOSAL METHOD** **DISPOSED BY** **DATE/TIME**

2304

A-6003-618(01/06)

REV. 1

0000014

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

MAY 6, 2008

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 1134	MJ Hocking	9/20/07 1134
MJ Hocking	9/20/07 1205	M. Valentaj M. Valle	9/20/07 1205

SPECIAL INSTRUCTIONS

REV. 1

0000042

LABORATORY SECTION **RECEIVED BY** **TITLE** **DATE/TIME**

FINAL SAMPLE DISPOSITION **DISPOSAL METHOD** **DISPOSED BY** **DATE/TIME**

2305

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-481 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-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 ✓

MAY 6, 2008

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. Valle	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

REV. 1

0000147

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 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-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	0950

MAY 6, 2008

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. Vakoutal/M. Vakoutal	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

REV. 1

0000014

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

2307

A-6003-618(01/06)

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 **AIR QUALITY**
SAMPLING LOCATION I-765-in-25	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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. Valuma/M. Valle	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)

MAY 6, 2008

REV. 1

0001475

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 **AIR QUALITY**
SAMPLING LOCATION I-765-eff-25	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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)

MAY 6, 2008

REV. 1

0000046

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-765-in-26	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
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. Valentine/M. Valdez	9/20/07 1205

SPECIAL INSTRUCTIONS

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

2310

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00001747

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-765-eff-26	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	
B1NF74	WATER	9/20/07	1015	✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
M.S. Hocking	9/20/07 1205	M. Vakenta/M. Valle	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**

2811

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000014 C9

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-494

COLLECTOR
Mehrer/Hocking

SAMPLING LOCATION
I-44-in-104

ICE CHEST NO.

SHIPPED TO
PNNL Building 325

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

FIELD LOGBOOK NO.

COA
122597ES10

OFFSITE PROPERTY NO.
N/A

PROJECT COORDINATOR
TRENT, SJ

SAF NO.
F07-045

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

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
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 / [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. ADVIN	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)

MAY 6, 2008

REV. 1

00000149

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-497 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-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

MAY 6, 2008

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 FRIG	9/24/07 1050
MO-612 FRIG	9/27/07 1126	MJ Hocking	9/27/07 1126
MJ Hocking	9/27/07 1330	S. Conley	9/27/07 1330

SPECIAL INSTRUCTIONS

REV. 1

00000150

LABORATORY SECTION RECEIVED BY TITLE DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD DISPOSED BY DATE/TIME

ESL 2313

A-6003-618(01/06)

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
SAMPLING LOCATION I-765-in-27	**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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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 ER16	9/24/07 1050
MO-612 ER16	9/27/07 1126	MJ Hocking	9/27/07 1126
MJ Hocking	9/27/07 1350	[illegible]	9/27/07 1350

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)

MAY 6, 2008

REV. 1

0000151

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 **AIR QUALITY** ☐
SAMPLING LOCATION I-765-eff-27	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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	9/24/07/1050	MO-612 FRIG	9/24/07/1050
MO-612 FRIG	9/27/07/1126	MJ Hocking	9/27/07/1126
MJ Hocking	9/27/07 1330	[illegible]	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)

MAY 6, 2008

REV. 1

0000152

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 **AIR QUALITY** ☐	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-765-In-28	**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	
B1NF45	WATER	9/27/07	1006	✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
M J Hocking	9/27/07 1330	C Tobin	9/27/2007 1330

SPECIAL INSTRUCTIONS

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

ESL 2316

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000153

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F07-045-213	PAGE 1 OF 1
COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE** 7N **AIR QUALITY** ☐
SAMPLING LOCATION I-765-eff-28	**PROJECT DESIGNATION** Purolite Resin Treatability Test - 200-ZP-1 OU		**SAF NO.** F07-045	**DATA TURNAROUND** 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
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 1530	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)

MAY 6, 2008

REV. 1

00000154

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-504 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-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

MAY 6, 2008

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
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

REV. 1

LABORATORY SECTION **RECEIVED BY** **TITLE** **DATE/TIME**

FINAL SAMPLE DISPOSITION **DISPOSAL METHOD** **DISPOSED BY** **DATE/TIME**

ESL 2718

A-6003-618(01/06)

0000135

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-501 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-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

MAY 6, 2008

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 Irwin	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)

REV. 1

00000156

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-507 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-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

MAY 6, 2008

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	10/1/07 1235	M0-612 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. Valuntal M. Valdo	10/4/07 1345

REV. 1

LABORATORY SECTION **RECEIVED BY** **TITLE** **DATE/TIME**

FINAL SAMPLE DISPOSITION **DISPOSAL METHOD** **DISPOSED BY** **DATE/TIME**

2325

A-6003-618(01/06)

0000157

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-510 PAGE 1 OF 1

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: I-44-eff-106	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
B1PW50	WATER	10/1/07	1018 ✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES / SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	10/1/07/1235	MO-612 FRIG	10/1/07/1235
MO-612 FRIG	10/4/07/1036	MJ HOCKING / [signature]	10/4/07/1036
MJ HOCKING / [signature]	10/4/07 1345	M. Valentaj M. Valdo	10/4/07 1345

LABORATORY SECTION — RECEIVED BY — TITLE — DATE/TIME

FINAL SAMPLE DISPOSITION — DISPOSAL METHOD — DISPOSED BY — DATE/TIME

2326

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000158

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-449 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-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	1035

MAY 6, 2008

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 M. Valdez	10/4/07 1345

SPECIAL INSTRUCTIONS

REV. 1

LABORATORY SECTION — **RECEIVED BY** — **TITLE** — **DATE/TIME**

FINAL SAMPLE DISPOSITION — **DISPOSAL METHOD** — **DISPOSED BY** — **DATE/TIME**

0051000

2327

A-6003-618(01/06)

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)

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
B1PM07	WATER	10/1/07	1040

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / [signature]	10/1/07/1235	MO-612 FRIG	10/1/07/1235
MO-612 FRIG	10/4/07/1036	MJ HOCKING / [signature]	10/4/07/1036
MJ HOCKING / [signature]	10/4/07 1345	M. Valenta / M. Valeo	10/4/07 1345

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

LABORATORY SECTION RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD

DISPOSED BY

DATE/TIME

2328

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000160

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-514 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-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

MAY 6, 2008

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MS HOLLING	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

SPECIAL INSTRUCTIONS

REV. 1

0000016

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 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-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

MAY 6, 2008

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. Valuta/M. Valdo	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

REV. 1

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

0001032

2330

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-461 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-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

MAY 6, 2008

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	10/4/07 1345	M. Vannatta/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

SPECIAL INSTRUCTIONS

REV. 1

LABORATORY SECTION — **RECEIVED BY** — **TITLE** — **DATE/TIME**

FINAL SAMPLE DISPOSITION — **DISPOSAL METHOD** — **DISPOSED BY** — **DATE/TIME**

0000163

2331

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-464 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-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

MAY 6, 2008

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	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

LABORATORY SECTION RECEIVED BY — TITLE — DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD — DISPOSED BY — DATE/TIME

REV. 1

0000016 4

2332

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-478

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(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
B1PM15	WATER	10/8/07	1025

MAY 6, 2008

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	10/8/07 1143	M0-612 FRIG	10/8/07 1143
M0-612 FRIG	10/11/07 1143	MJ Hocking	10/11/07 1143
MJ Hocking	10/11/07 13:30	[illegible]	10/11/07 1330

SPECIAL INSTRUCTIONS

REV. 1

0000165

LABORATORY SECTION RECEIVED BY | TITLE | DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD | DISPOSED BY | DATE/TIME

ESL 2356

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-475 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-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

MAY 6, 2008

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	10/8/07 1143	M0-612 FRIG	10/8/07 1143
M0-612 FRIG	10/11/07 1143	MJ HOCKING	10/11/07 1143
MJ HOCKING	10/11/07 1330	C. Trent	10/11/07 13:30

REV. 1

LABORATORY SECTION RECEIVED BY TITLE DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD DISPOSED BY DATE/TIME

ESL 2357

A-6003-618(01/06)

0000016

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

MAY 6, 2008

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

REV. 1

LABORATORY SECTION — **RECEIVED BY** — **TITLE** — **DATE/TIME**

FINAL SAMPLE DISPOSITION — **DISPOSAL METHOD** — **DISPOSED BY** — **DATE/TIME**

ESL 2359

A-6003-618(01/06)

0000067

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-523

COLLECTOR
Mehrer/Hocking

SAMPLING LOCATION
I-44-eff-108

ICE CHEST NO.

SHIPPED TO
PNNL Building 325

COMPANY CONTACT
Trent, SJ

TELEPHONE NO.
373-5869

PROJECT DESIGNATION
Purolite Resin Treatability Test - 200-ZP-1 OU

FIELD LOGBOOK NO.

COA
122597ES10

OFFSITE PROPERTY NO.
N/A

PROJECT COORDINATOR
TRENT, SJ

SAF NO.
F07-045

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

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
B1PW54	WATER	10/8/07	1000

CHAIN OF POSSESSION

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 1330	[signature] C. Iorin	10/11/07 1330

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

LABORATORY SECTION RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD

DISPOSED BY

DATE/TIME

ESL 2358

A-6003-618(01/06)

MAY 6, 2008

REV. 1

00000168

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~~
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1R0J0	WATER	10/11/07	1025

MAY 6, 2008

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 1320	C. Iom	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

REV. 1

0000169

LABORATORY SECTION — **RECEIVED BY** — **TITLE** — **DATE/TIME**

FINAL SAMPLE DISPOSITION — **DISPOSAL METHOD** — **DISPOSED BY** — **DATE/TIME**

ESL 2360

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~~ ~~500mL~~
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

MAY 6, 2008

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING / Jon Rochney	10/11/07 1330	J C Trent	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 2321

REV. 1

A-6003-618(01/06)

00000170

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-487 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-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

MAY 6, 2008

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 Jovin	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 2303

A-6003-618(01/06)

REV. 1

00000171

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-490 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-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	--

MAY 6, 2008

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] C Tilson	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

0000012

LABORATORY SECTION RECEIVED BY TITLE DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD DISPOSED BY DATE/TIME

CLL 2362

REV. 1

A-6003-618(01/06)

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** 45 Days / 45 Days
SAMPLING LOCATION I-44-eff-111	**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*	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	
B1R0M6	WATER	10/18/07	1030	—

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
MJ Hocking	10/18/07 1315	C. Iaw	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 2406

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000172

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 **AIR QUALITY**	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-44-in-111	**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	
B1R0M4	WATER	10/18/07	1015	—

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. Sauer	10/18/07 1315

SPECIAL INSTRUCTIONS

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

ESL 2407

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0001747

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 **AIR QUALITY**	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-765-in-111	**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 10/18/07
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**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	10/18/07 1315		10/18/07 1315

SPECIAL INSTRUCTIONS

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

ESL 2408

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0027500

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
SAMPLING LOCATION I-765-eff-111	**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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY ☐

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/1000mL~~ 1L 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. Tevin	10/18/07 1315

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)

MAY 6, 2008

REV. 1

0000176

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
SAMPLING LOCATION: I-44-in-110	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	
B1R0L9	WATER	10/15/07	0955	—

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	10/15/07 1242	M0-612 FRIG	10/15/07 1242
M0-612 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 2410

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000177

MAY 6, 2008

REV. 1

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] CLOUDY	10/18/07 1315

SPECIAL INSTRUCTIONS

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

ESL 24 11

A-6003-618(01/06)

00000178

MAY 6, 2008

REV. 1

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 ~~0955~~ MEN 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] Citavin	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)

00000179

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** 45 Days / 45 Days
SAMPLING LOCATION I-765-eff-110	**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
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	M0-612 FRIG	10/15/07/1242
M0-612 FRIG	10/18/07/1210	MJ Hocking	10/18/07/1210
MJ Hocking	10/18/07 1315	Kelly Gibson	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)

MAY 6, 2008

REV. 1

0001080

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
SAMPLING LOCATION I-44-in-112	**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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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~~ 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

MAY 6, 2008

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. Valenta/ M. Valenta	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**

REV. 1

0000018

2468

A-6003-618(01/06)

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
SAMPLING LOCATION I-44-eff-112	**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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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~~ 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. Valentine/JM Valles	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)

MAY 6, 2008

REV. 1

0000182

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** 45 Days / 45 Days
SAMPLING LOCATION I-765-in-112	**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~~ M34 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 Hockinberry	10/25/07 1400	M. Valenta/ M. Valenta	10/25/07 1400

SPECIAL INSTRUCTIONS

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

2478

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000183

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
SAMPLING LOCATION I-765-eff-112	**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 — **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY [ ]

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~~ 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	M. 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

SPECIAL INSTRUCTIONS

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

2471

A-6003-618(01/06)

0000047

MAY 6, 2008

REV. 1

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 **AIR QUALITY** ☐	**DATA TURNAROUND** 45 Days / 45 Days
SAMPLING LOCATION I-44-In-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~~ 1000 mL MJH 11/1/07
SAMPLE ANALYSIS	Tc-99 by ICPMS (Technetium-99) SEE SPECIAL INSTRUCTIONS

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 JOHN	11/07 1410

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 2474

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000010855

MAY 6, 2008

REV. 1

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
SAMPLING LOCATION I-44-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
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~~ 1000 mL 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 [signature]	11/1/07 14:10	[signature] C. Fouin	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)

00000186

MAY 6, 2008

REV. 1

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 MDH 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. Iouni	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 2006

A-6003-618(01/06)

00000187

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-613 | PAGE 1 OF 1

COLLECTOR: Mehrer/Hocking	COMPANY CONTACT: Trent, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
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
SHIPPED TO: PNNL Building 325	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 7N | DATA TURNAROUND: 45 Days / 45 Days

AIR QUALITY: ☐

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~~ 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. Dovin	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)

MAY 6, 2008

REV. 1

0000018

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
SAMPLING LOCATION: I-44-in-114	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
B1R0P0	WATER	11/8/07	1000

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	11/8/07 13:20	C. Louie	11/8/07 13:30

SPECIAL INSTRUCTIONS

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

ESL 2508

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000180

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-564 PAGE 1 OF 1

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-44-eff-114	**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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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	
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 1330	S JOHN	11/8/07 1330

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)

MAY 6, 2008

REV. 1

0001040

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
SAMPLING LOCATION I-765-in-114	**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
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 Hocking	11/8/07 1330	C. Irwin	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)

MAY 6, 2008

REV. 1

0001971

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
SAMPLING LOCATION: I-765-eff-114	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	
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 1330	C. Tavin	11/8/07 1330

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)

MAY 6, 2008

REV. 1

2610001 92

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
SAMPLING LOCATION I-765-in-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 — **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY [ ]

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	
B1R0W6	WATER	11-15-07	1015	✓

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	S. C. Trent	11/15/2007 13:20

SPECIAL INSTRUCTIONS

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

ESL 2554

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000019 2

MAY 6, 2008 REV. 1

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer [signature]	11-15-07 13:20	[signature] C. Jovin	11/15/07 13:20

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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

FSL 255Ta

A-6003-618(01/06)

00000194

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
SAMPLING LOCATION I-44-in-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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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	
B1R0P5	WATER	11-15-07	0945	U

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	C JOVIN	11/15/07 13:20

SPECIAL INSTRUCTIONS

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

ESL 2556

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000045

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** 45 Days / 45 Days
SAMPLING LOCATION I-44-eff-115	**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*	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**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Mehrer	11-15-07 13:20	C. Toum	11/15/2007 13:20

SPECIAL INSTRUCTIONS

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

ESL 2557

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000496

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

PRICE CODE 7N — **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY [ ]

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

SAMPLE NO.	**MATRIX***	**SAMPLE DATE**	**SAMPLE TIME**	**PRESERVATION**	**TYPE OF CONTAINER**	**NO. OF CONTAINER(S)**	**VOLUME**	**SAMPLE ANALYSIS**					
B1R0X1	WATER	11/29/07	1325	HNO3 to pH <2(ULTREX)	Nalgene	1	500mL	Tc-99 by ICPMS (Technetium-99)	–				

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
M.J. HOLKING	11/29/07 1520	Dennese Smith	11-29-07 1520

SPECIAL INSTRUCTIONS

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

FSL 2572

A-6002-618 (01/2006)

MAY 6, 2008

REV. 1

0000067

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	**PRICE CODE** 7N **AIR QUALITY** [ ]	**DATA TURNAROUND** 45 Days / 45 Days
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	**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	
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	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
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)

FSL 2573

MAY 6, 2008

REV. 1

0901000

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
SAMPLING LOCATION I-44-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
SHIPPED TO PNNL Building 325	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

PRICE CODE 7N **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY ☐

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
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	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 2574

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0001999

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
SAMPLING LOCATION I-44-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 **DATA TURNAROUND** 45 Days / 45 Days

AIR QUALITY

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	
B1R0R2	WATER	11/29/07	1250	–

MAY 6, 2008

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	11/29/07 1520	Dennese Smith	11/29/07 1520

SPECIAL INSTRUCTIONS

REV. 1

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

ESL 2575

A-6003-618(01/06)

00000200

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** 45 Days / 45 Days
SAMPLING LOCATION I-44-in-117	**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	
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 HOLKING/	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)

MAY 6, 2008

REV. 1

00000201

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
SAMPLING LOCATION: I-44-eff-117	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	
B1R0R8	WATER	12/6/07	0950	-

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

SPECIAL INSTRUCTIONS

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

ESL 2587

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000202

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-641 | PAGE 1 OF 1

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. Jouon	12/6/07 1340

SPECIAL INSTRUCTIONS

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

ESL 2-582

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000203

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-638

COLLECTOR Mehrer/Hocking	**COMPANY CONTACT** Trent, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION I-765-in-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	
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. Jouen	12/6/07 13:40

SPECIAL INSTRUCTIONS

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

FCI 2509

A-6003-618(01/06)

00000205

MAY 6, 2008

REV. 1

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-045-648 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-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
DI=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	11 15

MAY 6, 2008

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ HOCKING	12/13/07 1450		12/13/07 1480
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
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

REV. 1

00000206

LABORATORY SECTION **RECEIVED BY** **TITLE** **DATE/TIME**

FINAL SAMPLE DISPOSITION **DISPOSAL METHOD** **DISPOSED BY** **DATE/TIME**

ESL 2622

A-6003-618(01/06)

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
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(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	—

MAY 6, 2008

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MJ Hocking	12/13/07 1430	C Iodin	12/13/07 1430

REV. 1

LABORATORY SECTION **RECEIVED BY** **TITLE** **DATE/TIME**

FINAL SAMPLE DISPOSITION **DISPOSAL METHOD** **DISPOSED BY** **DATE/TIME**

ESL 2623

A-6003-618(01/06)

0022002

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
SAMPLING LOCATION I-765-in-119	**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 **DATA TURNAROUND**

AIR QUALITY ☐ 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	
B1RT01	WATER	12/20/07	1044	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
R.D. Mahood/Richard D. Mahood	12/20/07 1407	C Irwin	12/20/07 1407

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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

ESL 2646

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000208

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** 45 Days / 45 Days
SAMPLING LOCATION I-765-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		

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.D. Mahood/Rick D. Mahood 12/20/07	1407	C. Irvin	12/20/07 1407

SPECIAL INSTRUCTIONS

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

ESL 26417

A-6003-618(01/06)

MAY 6, 2008

REV. 1

0000209

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
SAMPLING LOCATION: I-44-in-119	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 — DATA TURNAROUND: 45 Days / 45 Days

AIR QUALITY: ☐

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
B1RRY4	WATER	12/20/07	0442 ✓

MAY 6, 2008

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
R.O. Mahood/Robert O. Mahood 12/20/07	1407	R. Jovin	12/20/07 1407

LABORATORY SECTION — RECEIVED BY — TITLE — DATE/TIME

FINAL SAMPLE DISPOSITION — DISPOSAL METHOD — DISPOSED BY — DATE/TIME

~~ESL 2648~~ ESL 2648

A-6003-618(01/06)

REV. 1

0000210

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
SAMPLING LOCATION I-44-eff-119	**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 **DATA TURNAROUND**

AIR QUALITY ☐ 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	
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.L. Mahood/Richard L. Mahood	12/20/07 H07	C. Town	12 20 07 1402
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
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 26493~~ ESL 26493

A-6003-618(01/06)

MAY 6, 2008

REV. 1

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