0076637

FIELD SCREENING
FINAL DATA DELIVERABLE COVER SHEET

Date: Monday, September 10, 2007

Sample Authorization Form (SAF) Number: I07-053 / I07-059

SDG Number (assigned by Sample Management): FP0482 Reyes 9/19/07

Attachments (check all that apply or N/A):

X	Test Results
N/A	Narrative Summary
X	Chain of Custody(s)
X	Logbook Pages
N/A	Anomaly Report

Total number of pages (including cover sheet): 17

Comments:
100-KR-4 IAM - Hexavalent Chromium - Water

THESE TESTS WERE CONDUCTED USING QC-1

RECEIVED
MAR 3 1 2008
EDMC

Analyst Signature — 9/10/07 Date

M. G. Bachler
Reviewer's Signature — 9/10/07 Date

Distribution: CPP Sample Management A0-21
Project (Specify)

Requires distribution to listed project personnel by Sample Management (check if applicable)

0000001

On-Site Measurement of Cr^{+6}

100-KR-4 Groundwater

SAF: I07-053, I07-059
Procedure: GRP-EE-05-1.17

Logbook: HNF-N-296 9 Page 106

8/1/2007

Location	HEIS	SAF	Date Sampled	Time Sampled	Sampler	Media	Date Analyzed	Time Analyzed	Analyst	Cr +6 (mg/L)	Conductivity (µs/cm)	Water Level (m) TOC
199-K-132*	B1NWV7	I07-053	7/31/2007	11:01	RTS	Water	8/1/2007	11:35	MJH	0.082	N/A	N/A

* Hold Time Broken (exceeded by 34 minutes)

Logbook: HNF-N-296 9 Page 107

8/1/2007

Location	HEIS	SAF	Date Sampled	Time Sampled	Sampler	Media	Date Analyzed	Time Analyzed	Analyst	Cr +6 (mg/L)	Conductivity (µs/cm)	Water Level (m) TOC
199-K-18	B1P4L5	I07-059	8/1/2007	11:32	RTS	Water	8/1/2007	14:25	MJH	0.139	506	6.500
199-K-20	B1P4L7	I07-059	8/1/2007	11:44	RTS	Water	8/1/2007	14:25	MJH	0.018	342	10.309
199-K-117A	B1P4K7	I07-059	8/1/2007	10:41	RTS	Water	8/1/2007	14:25	MJH	< 0.005	175	8.742
199-K-117A	B1P4K8	I07-059	8/1/2007	10:41	RTS	Water	8/1/2007	14:25	MJH	< 0.005	175	8.742
199-K-130	B1P4L0	I07-059	8/1/2007	9:00	RTS	Water	8/1/2007	14:25	MJH	0.076	331	14.978

Logbook: HNF-N-296 9 Page 107

8/7/2007

Location	HEIS	SAF	Date Sampled	Time Sampled	Sampler	Media	Date Analyzed	Time Analyzed	Analyst	Cr +6 (mg/L)	Conductivity (µs/cm)	Water Level (m) TOC
199-K-106A	B1NWV1	I07-053	8/7/2007	9:47	DRB	Water	8/7/2007	16:05	MJH	< 0.005	N/A	N/A

Logbook: HNF-N-296 9 Page 133

8/14/2007

Location	HEIS	SAF	Date Sampled	Time Sampled	Sampler	Media	Date Analyzed	Time Analyzed	Analyst	Cr +6 (mg/L)	Conductivity (µs/cm)	Water Level (m) TOC
199-K-131	B1P4L3	I07-059	8/14/2007	11:17	DW	Water	8/14/2007	15:40	MJH	0.073	609.000	15.960
199-K-141	B1PB93	I07-059	8/14/2007	10:10	DW	Water	8/14/2007	15:40	MJH	0.264	678.000	22.092

Logbook: HNF-N-296 10 Page 12

8/30/2007

Location	HEIS	SAF	Date Sampled	Time Sampled	Sampler	Media	Date Analyzed	Time Analyzed	Analyst	Cr +6 (mg/L)	Conductivity (µs/cm)	Water Level (m) TOC
199-K-143	B1P4L9	I07-059	8/30/2007	10:44	RS	Water	8/30/2007	16:02	MJH	0.019	322	16.925

Analyst(s): MJ Hocking Date: 9/5/2007

KR-4 GW MONITORING Cr+6

106

GRAM, Inc.
M. J. Hocking

8/1/07

Hexavalent Chromium Daily Activity Log
Project: CERCLA 100-KR-4 GW Monitoring
SAF I07-053
Logbook HNF-N-296 9
Date: 8/01/07

1110	M.J. Hocking arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2800 spectrophotometer, S/N 1199689, User Method 950, low range hexavalent chromium.
1120	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A5354, exp. December 2010, to 29.76 mL of deionized water.
1135	After pulling standard, blank, and sample fluids into hexavalent chromium ampules (lot # A7086, exp. Dec. 2009), analyzed samples.
Note:	Hold Time Broken; ~~Result to be considered suspect.~~ MAB 8/7/07

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)	Water Depth - m(TOC
Blank	-----	-----	-0.005	-----	-----	-----	-----	-----
0.10 mg/L std.	-----	-----	0.105	-----	-----	-----	-----	-----
B1NWV7	199-K-132	I07-053	0.082	7/31/2007	11:01	RTS	N/A	N/A
0.10 mg/L std.	-----	-----	0.104	-----	-----	-----	-----	-----
Blank	-----	-----	-0.005	-----	-----	-----	-----	-----

MJH
8/1/07

M. J. Hocking
AUG 1 2007

Reviewed
By: M.A. Baechler
AUG 07 2007

M.A. Baechler

0000003

KR-4 GW MONITORING

GRAM, Inc.
M. J. Hocking

107

8/1/07

Hexavalent Chromium Daily Activity Log
Project: CERCLA 100-KR-4 GW Monitoring
SAF I07-059
Logbook HNF-N-296 9
Date: 8/01/07

1110	M.J. Hocking arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2800 spectrophotometer, S/N 1199689, User Method 950, low range hexavalent chromium.
1120	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A5354, exp. December 2010, to 29.76 mL of deionized water.
1425	After pulling standard, blank, and sample fluids into hexavalent chromium ampules (lot # A7086, exp. Dec. 2009), analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)	Water Depth - m(TOC
Blank	-----	-----	-0.005	-----	-----	-----	-----	-----
0.10 mg/L std.	-----	-----	0.105	-----	-----	-----	-----	-----
B1P4L5	199-K-18	I07-059	0.139	8/1/2007	11:32	RTS	506	6.500
B1P4L7	199-K-20	I07-059	0.018	8/1/2007	11:44	RTS	342	10.309
B1P4K7	199-K-117A	I07-059	< 0.005	8/1/2007	10:41	RTS	175	8.742
B1P4K8	199-K-117A	I07-059	< 0.005	8/1/2007	10:41	RTS	175	8.742
B1P4L0	199-K-130	I07-059	0.076	8/1/2007	09:00	RTS	331	14.978
0.10 mg/L std.	-----	-----	0.104	-----	-----	-----	-----	-----
Blank	-----	-----	-0.005	-----	-----	-----	-----	-----

M. J. Hocking
AUG 1 2007

MJH
8/1/07

AUG 0 7 2007
Reviewed
By: M.A. Baechler

0000004

KR-4 GW MONITORING Cr^{+6}

114

GRAM, Inc.
M. J. Hocking

8/17/07

Hexavalent Chromium Daily Activity Log
Project: CERCLA 100-KR-4 GW Monitoring
SAF I07-053
Logbook HNF-N-296 9
Date: 8/07/07

1400	M.J. Hocking arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2800 spectrophotometer, S/N 1199689, User Method 950, low range hexavalent chromium.
1411	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A5354, exp. December 2010, to 29.76 mL of deionized water.
1605	After pulling standard, blank, and sample fluids into hexavalent chromium ampules (lot # A7086, exp. Dec. 2009), analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)	Water Depth - m(TOC
Blank	-----	-----	-0.005	-----	-----	-----	-----	-----
0.10 mg/L std.	-----	-----	0.098	-----	-----	-----	-----	-----
B1NWV1	199-K-106A	I07-053	< 0.005	8/7/2007	09:47	DRB	N/A	N/A
0.10 mg/L std.	-----	-----	0.098	-----	-----	-----	-----	-----
Blank	-----	-----	-0.006	-----	-----	-----	-----	-----

MJH

SEP 07 2007

Reviewed
By: M.A. Baechler

M. J. Hocking

AUG 17 2007

0000005

KR-4 GW MONITORING Cr

GRAM, Inc.
M. J. Hocking

133

8/22/07

Hexavalent Chromium Daily Activity Log
Project: CERCLA 100-KR-4 GW Monitoring
SAF I07-059
Logbook HNF-N-296 9
Date: 8/14/07

1100	M.J. Hocking arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2800 spectrophotometer, S/N 1199689, User Method 950, low range hexavalent chromium.
1110	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A5354, exp. December 2010, to 29.76 mL of deionized water.
1540	After pulling standard, blank, and sample fluids into hexavalent chromium ampules (lot # A7086, exp. Dec. 2009), analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)	Water Depth - m(TOC
Blank	-----	-----	-0.005	-----	-----	-----	-----	-----
0.10 mg/L std.	-----	-----	0.102	-----	-----	-----	-----	-----
B1P4L3	199-K-131	I07-059	0.073	8/14/2007	11:17	DW	609	15.960
B1PB93	199-K-141	I07-059	0.264	8/14/2007	10:10	DW	678	22.092
0.10 mg/L std.	-----	-----	0.102	-----	-----	-----	-----	-----
Blank	-----	-----	-0.005	-----	-----	-----	-----	-----

MJH
AUG 22 2007

M. J. Hocking
AUG 22 2007

Reviewed
By: M.A. Baechler
SEP 07 2007

0000006

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100-KR-4 GW MONITORING Cr^{+6}

GRAM, Inc.
M. J. Hocking

9/5/07

Hexavalent Chromium Daily Activity Log
Project: CERCLA 100-KR-4 GW Monitoring
SAF I07-059
Logbook HNF-N-296 10
Date: 8/30/07

1455	M.J. Hocking arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2800 spectrophotometer, S/N 1199689, User Method 950, low range hexavalent chromium.
1535	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A5354, exp. December 2010, to 29.76 mL of deionized water.
1602	After pulling standard, blank, and sample fluids into hexavalent chromium ampules (lot # A7086, exp. Dec. 2009), analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)	Water Depth - m(TOC
Blank	-----	-----	-0.007	-----	-----	-----	-----	-----
0.10 mg/L std.	-----	-----	0.098	-----	-----	-----	-----	-----
B1P4L9	199-K-143	I07-059	0.019	8/30/2007	10:44	RS	322	16.925
0.10 mg/L std.	-----	-----	0.098	-----	-----	-----	-----	-----
Blank	-----	-----	-0.007	-----	-----	-----	-----	-----

MJH
9/5/07

SEP 10 2007

Reviewed
By: M.A. Baechler

M. J. Hocking
SEP 5 2007

M. A. Baechler

0000007

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-053-2

Page 1 of 1

Collector: ~~Fluor Hanford~~ D. R. BREWINGTON	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-053	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100KR4IAM(1/2)-LOI, JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: GW-1 Temp.
Shipped To (Lab): Mobile Field Laboratory	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NWV1 (F)		W	8/7/07	0947	1x60-mL aG	COLOR_TK_FLD: Hexavalent Chromium (1)	Cool 4C

R. Wells 8/7/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D.R. Brewington		AUG 0 7 2007 1450	MJ HOCKING			AUG 0 7 2007 1450
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liquid	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wipe	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION

Disposal Method (e.g., Return to customer, per lab procedure, used in process): RETURNED TO OU

Disposed By: M. J. Hocking

Date/Time: AUG 7 2007 1730

MJH 8/7/07

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-053-30

Page 1 of 1

Collector: ~~Fluor Hanford~~ R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: 107-053	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100KR4IAM(1/2)-LOI JULY 2007	Logbook: HNF-N-506-6	Ice Chest No.: GW-1 Temp.
Shipped To (Lab): Mobile Field Laboratory	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1NWV7 (F)		W	7/31/07	1101	1x60-mL aG	COLOR_TK_FLD: Hexavalent Chromium (1)	Cool 4C

R.L. Wall 7/31/07

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			8-1-07 1100 ~~JUL 3 1 2007~~	MJ Hocking			8-1-07 1100 ~~JUL 3 1 2007~~
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liquid	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wipe	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION

Disposal Method (e.g., Return to customer, per lab procedure, used in process): RETURNED TO OU

Disposed By: M. J. Hocking

Date/Time: AUG 1 2007/1140

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-059-2**

Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-059	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100KR4IAM(1/2)-LQL AUGUST 2007	HNR-N-506 6	**Ice Chest No.** WM-1 **Temp.**
Shipped To (Lab) Mobile Field Laboratory	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.**
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P4K7 (F)		W	8-1-07	1041	1x60-mL aG	COLOR_TK_FLD: Hexavalent Chromium (1)	Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford R. T. SICKLE			AUG 0 1 2007 1400	MJ HOCKING			AUG 0 1 2007 1400
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S	= Soil	DS	= Drum Solid
SE	= Sediment	DL	= Drum Liquid
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wine
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) RETURNED TO OU

Disposal By M. J. Hocking Date/Time AUG 1 2007 1435

FLUOR HANFORD

Fluor Hanford
R. T. SICKLE

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-059-3

Page 1 of 1

Collector: R. T. SICKLE	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-059	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100KR4IAM(1/2)-LOI, AUGUST 2007	HNF-N-506 6	Ice Chest No.: WM-1 Temp.
Shipped To (Lab): Mobile Field Laboratory	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P4K8 (F)		W	8-1-07	1041	1x60-mL aG	COLOR_TK_FLD: Hexavalent Chromium (1)	Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Fluor Hanford R. T. SICKLE		AUG 0 1 2007 1400		MJ HOCKING		AUG 0 1 2007 1400
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S	= Soil	DS	= Drum Solid
SE	= Sediment	DL	= Drum Liquid
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wine
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION

Disposal Method (e.g. Return to customer, per lab procedure, used in process): RETURNED TO OU

Disposed By: M. J. Hocking

Date/Time: AUG 1 2007/1435

FLUOR HANFORD	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # I07-059-6
		Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-059	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100KR4IAM(1/2)-LOI, AUGUST 2007	HNFN-506 6	**Ice Chest No.** WM-1 **Temp.**
Shipped To (Lab) Mobile Field Laboratory	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.**
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P4L0 (F)		W	8-1-07	0900	1x60-mL aG	COLOR_TK_FLD: Hexavalent Chromium (1)	Cool~4C

Relinquished By	Received By
Print: Fluor Hanford R. T. SICKLE Sign: Date/Time 1400 AUG 0 1 2007	Print: MJ HOCKING Sign: Date/Time 1400 AUG 0 1 2007
Relinquished By Date/Time	Received By Date/Time
Relinquished By Date/Time	Received By Date/Time
Relinquished By Date/Time	Received By Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION Disposal Method (e.g. RETURNED TO CU, Lab Procedure, Sent in process) Disposed By M. J. Hocking Date/Time AUG 1 2007 / 1435

0000001

FLUOR HANFORD	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # 107-059-12
		Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: 107-059	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100KR4IAM(1/2)-LOI AUGUST 2007	HNF-N-506 9	Ice Chest No.: 101 Temp.
Shipped To (Lab): Mobile Field Laboratory	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P4L3 (F)		W	8-14-07	1117	1x60-mL aG	COLOR_TK_FLD: Hexavalent Chromium (1)	Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Dave Williamson, Fluor Hanford	Dave Williamson		1410 AUG 14 2007	MJ HOCKING			1410 AUG 14 2007
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S	= Soil	DS	= Drum Solid
SE	= Sediment	DL	= Drum Liqui
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wine
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)	Disposed By	Date/Time
	RETURNED TO OU	M. J. Hocking	AUG 14 2007

000013

FLUOR HANFORD	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # I07-059-20
		Page 1 of 1

Collector Fluor Hanford R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-059	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100KR4IAM(1/2)-LOL AUGUST 2007	HNF-N-506 G	**Ice Chest No.** WM-1 **Temp.**
Shipped To (Lab) Mobile Field Laboratory	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.**
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P4L5 (F)		W	8-1-07	1132	1x60-mL aG	COLOR_TK_FLD: Hexavalent Chromium (1)	Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	Fluor Hanford R. T. SICKLE		AUG 0 1 2007 1400	MJ HOCKING			AUG 0 1 2007 1400
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S	= Soil	DS	= Drum Solid
SE	= Sediment	DL	= Drum Liquid
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wipe
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION Disposal Method (e.g. returned to customer, lab procedure used in process) RETURNED TO OU Disposed By M. J. Hocking Date/Time AUG 1 2007 1435

FLUOR HANFORD

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-059-24**

Page 1 of 1

Collector (Fluor Hanford) R. T. SICKLE	**Contact/Requester** Steve Trent	**Telephone No.** 509-373-5869 **MSIN** **FAX**
SAF No. I07-059	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100KR4IAM(1/2)-LOI, AUGUST 2007	HNF-N-506 6	**Ice Chest No.** WM-1 **Temp.**
Shipped To (Lab) Mobile Field Laboratory	**Method of Shipment** Govt. Vehicle	**Bill of Lading/Air Bill No.**
Protocol CERCLA	**Priority:** 45 Days	**Offsite Property No.**

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

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P4L7 (F)		W	8-1-07	1144	1x60-mL aG	COLOR_TK_FLD: Hexavalent Chromium (1)	Cool~4C

Relinquished By Fluor Hanford R. T. SICKLE Sign AUG 0 1 2007 Date/Time 1400		Received By Print MJ HOCKING Sign Date/Time 1400 AUG 0 1 2007	
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liquid	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wine	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, use lab procedure used in process) RETURNED TO OO Disposed By M. J. Hocking Date/Time AUG 1 2007/1435

FLUOR HANFORD	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # I07-059-16
		Page 1 of 1

Collector ~~Roy Shepard~~ Fluor Hanford	Contact/Requester Steve Trent	Telephone No. 509-373-5869 MSIN FAX
SAF No. I07-059	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100KR4IAM(1/2)-LOL AUGUST 2007	HVE-W-506-7	Ice Chest No. Temp.
Shipped To (Lab) Mobile Field Laboratory	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No.
Protocol CERCLA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1P4L9 (F)		W	8-30-07	1044	1x60-mL aG	COLOR_TK_FLD: Hexavalent Chromium (1)	Cool~4C

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
~~Roy Shepard~~ Fluor Hanford			1506 AUG 30 2007	MJ HOCKING			1506 8/30/07
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time
Relinquished By			Date/Time	Received By			Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liquid	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wipe	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION	Disposal Method (e.g. Return to customer, lab procedure used in process)	Disposed By	Date/Time
	RETURNED TO CC	M. J. Hocking	AUG 30 2007

FLUOR HANFORD	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # I07-059-26
		Page 1 of 1

Collector: Dave Williamson, Fluor Hanford	Contact/Requester: Steve Trent	Telephone No.: 509-373-5869 MSIN FAX
SAF No.: I07-059	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100KR4IAM(1/2)-LOI AUGUST 2007	HNF-N-506 9	Ice Chest No.: 101 Temp.
Shipped To (Lab): Mobile Field Laboratory	Method of Shipment: Govt. Vehicle	Bill of Lading/Air Bill No.
Protocol: CERCLA	Priority: 45 Days	Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

SPECIAL INSTRUCTIONS **Hold Time** Total Activity Exemption: Yes ☑ No ☐
All Labs except WSCF: Batch all samples submitted under A, G, I, S, and W 07 SAFs into one SDG, not to exceed SDG closure of 14 days.
WSCF: Batch all GW samples submitted into one SDG, daily closure.
All SDG?s are to be sent to Steve Trent, FH

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1PB93 (F)		W	8-14-07	1010	1x60-mL aG	COLOR_TK_FLD: Hexavalent Chromium (1)	Cool~4C

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
Dave Williamson, Fluor Hanford / Dave Williamson	1410 AUG 14 2007	MJ HOCKING / M J Hocking	1410 AUG 14 2007
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liquid	
SO = Solid		T = Tissue	
SL = Sludge		WI = Wipe	
W = Water		L = Liquid	
O = Oil		V = Vegetation	
A = Air		X = Other	

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)	Disposed By	Date/Time
	RETURNED TO CC	M. J. Hocking / M J Hocking	AUG 14 2007

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