0072504

FIELD SCREENING
FINAL DATA DELIVERABLE COVER SHEET

Date: Wednesday, January 3, 2007

Sample Authorization Form (SAF) Number: I07-012

SDG Number (assigned by Sample Management): FP0394 Dayes 1/9/07

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

JAN 2007 RECEIVED

Total number of pages (including cover sheet): 13

Comments:
100-HR-3 IAM - Hexavalent Chromium – Water

THESE TESTS WERE CONDUCTED USING QC-1

Analyst Signature — Date: 1-3-2007

Reviewer's Signature — Date: 1/3/07

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

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

RECEIVED MAR 2 1 2007 EDMC

00000001

On-Site Measurement of Cr^{+6}

100-HR3 Groundwater

SAF: I07-012

Procedure: GRP-EE-05-1.17

Logbook: HNF-N-296 7 Page 107

12/7/2006

Location	HEIS Number	SAF	Date Collected	Time Collected	Sampler (Initials)	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	Cr +6 (mg/L)	Conductivity (µs/cm)	Water Level (m TOC)
199-D8-69	B1LK28	I07-012	12/7/2006	9:46	LDW	Water	12/7/2006	15:40	LCP	0.045	311	14.165
199-D8-73	B1LK32	I07-012	12/7/2006	9:22	LDW	Water	12/7/2006	15:40	LCP	0.209	363	22.899
199-H4-5	B1LK39	I07-012	12/7/2006	12:12	MRW	Water	12/7/2006	15:40	LCP	0.01	436	12.893

Logbook: HNF-N-296 7 Page 125

12/20/2006

Location	HEIS Number	SAF	Date Collected	Time Collected	Sampler (Initials)	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	Cr +6 (mg/L)	Conductivity (µs/cm)	Water Level (m TOC)
199-D5-16	B1LM77	I07-012	12/20/2006	1100	DPC	Water	12/20/2006	14:35	LCP	0.088	693	27.198
199-H4-11	B1LK36	I07-012	12/20/2006	916	DPC	Water	12/20/2006	14:35	LCP	0.016	401	12.772
199-H4-11	B1LK37	I07-012	12/20/2006	916	DPC	Water	12/20/2006	14:35	LCP	0.018	401	12.772

Logbook: HNF-N-296 7 Page 130

12/27/2006

Location	HEIS Number	SAF	Date Collected	Time Collected	Sampler (Initials)	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	Cr +6 (mg/L)	Conductivity (µs/cm)	Water Level (m TOC)
199-D8-70	B1LK30	I07-012	12/27/2006	954	DRB	Water	12/27/2006	14:16	LCP	0.105	566	15.870
199-D8-88	B1LK34	I07-012	12/27/2006	1049	DRB	Water	12/27/2006	14:16	LCP	0.084	318	24.316

Analyst(s): JD Mehrer / LC Petersen Date: 12/28/2006

HR3 Groundwater Monitoring - Cr+6
December 2006

L.C. PETERSEN 107
LPeterson
GRAM, INC

Hexavalent Chromium Daily Activity Log
HR3 GW Monitoring
SAF I07-006 & SAF I07-012
Logbook HNF-N-296 7
Date: 12/07/06

1240	L.C. Petersen arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2010 spectrophotometer, S/N 980600009425, Method 951, low range hexavalent chromium.
1430	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.
1525	After pulling standard, blank, and sample fluids into hexavalent chromium ampules (lot # A6215, exp. May 2009), analyzed samples.
1540	Sample B1L023 was over-range. Diluted 2X by adding 10-mL sample to 10-mL deionized water. Re-analyzed sample.

LPeterson 12-12-06

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.	-----	-----	0.104	-----	-----	-----	-----	-----
B1L023	199-D5-15	I07-006	1.090*	12/07/06	11:41	RTS	619	26.673
B1LK28	199-D8-69	I07-012	0.045	12/07/06	09:46	LDW	311	14.165
B1LK32	199-D8-73	I07-012	0.209	12/07/06	09:22	LDW	363	22.899
B1LK39	199-H4-5	I07-012	0.010	12/07/06	12:12	MRW	436	12.893
0.10 mg/L std.	-----	-----	0.105	-----	-----	-----	-----	-----
Blank	-----	-----	0.002	-----	-----	-----	-----	-----

* 2X dilution

12-12-06

Reviewed JAN 0 2 2007
By: M.A. Baechler
M.A. Baechler

L.C. PETERSEN
LPeterson
12-12-06

00000003

HR3 GW Monitoring – Cr^{+6}
December 2006

L.C. PETERSEN 125
LCPeterson
GRAM, Inc

Hexavalent Chromium Daily Activity Log
HR3 GW Monitoring
SAF I07-006 & SAF I07-012
Logbook HNF-N-296 7
Date: 12/20/06

LCPeterson 12-28-2006

1055	L.C. Petersen arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2010 spectrophotometer, S/N 980600009425, Method 951, low range hexavalent chromium.
1355	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.
1435	After pulling standard, blank, and sample fluids into hexavalent chromium ampules (lot # A6215, exp. May 2009), analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)	Water Depth-m(TOC)
Blank	-----	-----	0.003	-----	-----	-----	-----	-----
0.10 mg/L std.	-----	-----	0.106	-----	-----	-----	-----	-----
B1LM77	199-D5-16	I07-012	0.088	12/20/06	1100	DPC	693	27.198
B1LK36	199-H4-11	I07-012	0.016	12/20/06	0916	DPC	401	12.772
B1LK37	199-H4-11	I07-012	0.018	12/20/06	0916	DPC	401	12.772
B1LBD7	199-H4-65	I07-006	0.008	12/20/06	0906	DPC	457	13.659
0.10 mg/L std.	-----	-----	0.105	-----	-----	-----	-----	-----
Blank	-----	-----	0.002	-----	-----	-----	-----	-----

12-28-2006

Reviewed
M.A. Baechler
M.A. Baechler

JAN 0 2 2007

L.C. PETERSEN
LCPeterson
12 28 06

00000004

130 HR3 GW Monitoring - Cr+6
December 2006

L.C. PETERSEN
Peterson, GRA

Hexavalent Chromium Daily Activity Log
HR3 GW Monitoring
SAF I07-006 & SAF I07-012
Logbook HNF-N-296 7
Date: 12/27/06

Peterson
12-28-2006

1240	L.C. Petersen arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2010 spectrophotometer, S/N 980600009425, Method 951, low range hexavalent chromium.
1300	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.
1312	After pulling standard, blank, and sample fluids into hexavalent chromium ampules (lot # A6215, exp. May 2009), analyzed samples B1L0J9 & B1LBL9.
1337	After pulling sample fluids into hexavalent chromium ampules (lot # A6215, exp. May 2009), analyzed sample B1L0M6.
1416	After pulling sample fluids into hexavalent chromium ampules (lot # A6215, exp. May 2009), analyzed samples B1LK30 & B1LK34.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/em)	Water Depth-m(TOC)
Blank	-----	-----	0.003	-----	-----	-----	-----	-----
0.10 mg/L std.	-----	-----	0.103	-----	-----	-----	-----	-----
B1LK30	199-D8-70	I07-012	0.105	12/27/06	0954	DRB	566	15.870
B1LK34	199-D8-88	I07-012	0.084	12/27/06	1049	DRB	318	24.316
B1L0J9	699-86-42	I07-006	0.004	12/27/06	1008	DPC	429	8.101
B1LBL9	699-96-43	I07-006	0.085	12/27/06	0836	DPC	494	12.907
B1L0M6	699-97-~~88~~ 51A MAS 1/2/07	I07-006	0.033	12/27/06	0919	FMH	415	6.439
0.10 mg/L std.	-----	-----	0.103	-----	-----	-----	-----	-----
Blank	-----	-----	0.003	-----	-----	-----	-----	-----

12-28-2006

JAN 0 2 2007

Reviewed
By: M.A. Baechler

M. A. Baechler

L.C. PETERSEN

122806

00000005

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-012-2

Page 1 of 1

Collector Fluor Hanford L. D. WALL	Contact/Requester Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
SAF No. I07-012	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100HR3IAM(1/2)-LOI, DECEMBER 2006	HNF-N-506 3	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
** ** Contains Radioactive 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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1LK28 (F)		W	12-7-06 ↓	0946	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford L. D. WALL	L. D. Wall		DEC 07 2006 1405	L.C. Petersen		L.C. Petersen	1405 DEC 07 2006
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 CU Disposed By L.C. PETERSEN L.C. Petersen Date/Time 120706 1540

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-012-4

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
SAF No. I07-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100HR3IAM(1/2)-LOL DECEMBER 2006	HNF-N-506-3	Ice Chest No. 06-8 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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1LK30 (F)		W	12-27-06	0954	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D.R. Brewington		DEC 27 2006 1400	L.C. Petersen			DEC 27 2006 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., Return to customer, per lab procedure, used in process)	Disposed By	Date/Time
	returned to OU	L C PETERSEN	12-27-06 1300

00000007

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-012-6

Page 1 of 1

Collector Fluor Hanford L. D. WALL	Contact/Requester Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
SAF No. I07-012	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100HR3IAM(1/2)-LOI, DECEMBER 2006	HNF-N-506 3	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

** ** Contains Radioactive 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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1LK32 (F)		W	12-7-06	0922	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford L. D. WALL	L.D. Wall		1405 DEC 0 7 2006	L.C. Petersen	Petersen		1405 DEC 0 7 2006
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 [illegible] process) RETURNED TO OU RETURNED TO OU

Disposed By L.C. PETERSEN Petersen Date/Time 12 0 / 06 1540

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-012-8

Page 1 of 1

Collector: Fluor Hanford D. R. BREWINGTON	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I07-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100HR3IAM(1/2)-LOL DECEMBER 2006	HNF-N-506-3	Ice Chest No.: 06-8 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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1LK34 (F)		W	12-27-06	1049	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. R. BREWINGTON	D.R. Brewington		DEC 27 2006 1400	L.C. Petersen		Petersen	DEC 27 2006 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. Return to customer, per lab procedure, used in process): returned to OU

Disposed By: L.C. PETERSEN Petersen

Date/Time: 12-27-06 1500

60000000

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I07-012-10**

Page 1 of 1

Collector D.P. CONNOLLY	Contact/Requester Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
SAF No. I07-012	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100HR3IAM(1/2)-LOI, DECEMBER 2006	NIC-N506-3	Ice Chest No. 022 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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1LK36 (F)		W	12-20-06	0916	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. P. CONNOLLY		[signature]	DEC 20 2006 1210	L.C. Petersen		[signature]	DEC 20 2006 1210
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 L.C. PETERSEN [signature] Date/Time 122006 1500

0100000

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-012-11

Page 1 of 1

Collector: D.P. CONNOLLY	Contact/Requester: Dot Stewart	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I07-012	Sampling Origin: Hanford Site	Purchase Order/Charge Code
Project Title: 100HR3IAM(1/2)-LOI, DECEMBER 2006	1HNF-N-506-3	Ice Chest No.: 022 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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1LK37 (F)		W	122006	0916	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Date/Time	Received By	Date/Time
D.P. CONNOLLY Print / Sign	DEC 20 2006 1210	L.C. Petersen Print / Sign	DEC 20 2006 1210
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: L.C. PETERSEN Date/Time: 122006 1500

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I07-012-14

Page 1 of 1

Collector FLUOR HANFORD M.R. WEIL	Contact/Requester Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
SAF No. I07-012	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100HR3IAM(1/2)-LOI, DECEMBER 2006	HNF-N-506 4	Ice Chest No. SmL-562 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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1LK39 (F)		W	12-7-06	1212	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

12-7-06

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
FLUOR HANFORD M.R. WEIL	MR Weil		1405 DEC 07 2006	L.C. Petersen	Petersen		1405 DEC 07 2006
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, sent to laboratory, used in process)	Disposed By	Date/Time
	RETURNED TO OU	L.C. PETERSEN Petersen	120706 1200 1340

PNNL	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	C.O.C. # I07-012-18
		Page 1 of 1

Collector Fluor Hanford D. P. CONNOLLY	Contact/Requester Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
SAF No. I07-012	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100HR3IAM(1/2)-LOL DECEMBER 2006	HNF-N-506-3	Ice Chest No. 022 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 PNNL 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 PNNL GW samples submitted into one SDG, daily closure.

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1LM77 (F)		W	12-2006	1100	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
Fluor Hanford D. P. CONNOLLY	[signature]		DEC 2 0 2006 1210	L.C. Petersen	[signature]		DEC 2 0 2006 1210
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) RETURNED TO OU Disposed By L.C. PETERSEN [signature] Date/Time 122006 1500

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