0088458

FIELD SCREENING
FINAL DATA DELIVERABLE COVER SHEET

Date: Tuesday, October 10, 2006

Sample Authorization Form (SAF) Number: I06-058

SDG Number (assigned by Sample Management): FP0345 Dayes 10/4/06

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

RECEIVED
JUN 03 2010
EDMC

Total number of pages (including cover sheet): 13

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

THESE TESTS WERE CONDUCTED USING QC-1

OCT 2006
RECEIVED

Analyst Signature — Date: 10/10/06

Reviewer's Signature — Date: 10/19/06

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

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

00000001

On-Site Measurement of Cr +6

100-KR-4 Groundwater

SAF: I06-058

Procedure: GRP-EE-05-1.17

Logbook: HNF-N-296 7 Page 18

9/12/2006

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-K-117A	B1KC14	I06-058	9/12/2006	11:37	FMH	Water	9/12/2006	13:50	JM/LCP	0.007	197	9.929

Logbook: HNF-N-296 7 Page 19

9/13/2006

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-K-18	B1KC28	I06-058	9/13/2006	10:42	LDW	Water	9/13/2006	13:30	LCP	0.131	553	7.18
199-K-20	B1KC30	I06-058	9/13/2006	11:12	LDW	Water	9/13/2006	13:30	LCP	0.025	346	11.216
199-K-20	B1KC31	I06-058	9/13/2006	11:12	LDW	Water	9/13/2006	13:30	LCP	0.026	346	11.216

Logbook: HNF-N-296 7 Page 20

9/18/2006

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-K-131	B1KC24	I06-058	9/18/2006	9:35	LW/ RRF	Water	9/18/2006	13:45	LCP	0.048	457	16.413
199-K-129	B1KC16	I06-058	9/18/2006	11:16	LW/ RRF	Water	9/18/2006	13:45	LCP	0.076	313	N/A

Logbook: HNF-N-296 7 Page 21

9/21/2006

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-K-130	B1KC33	I06-058	9/21/2006	9:18	RTS	Water	9/21/2006	14:00	LCP	0.089	399	15.407

Note: Samples were analyzed with the blank of reagent-treated deionized water as the "zero vial".

Analyst(s): Jim Mehrer/LC Petersen Date: 9/21/2006

\\ap014\afsfieldsc\cr6data\KR4 Data\cr6_ksept.xls.

00000002

KR-4 Cr+6 JMJohnsen/JMJ

Hexavalent Chromium Daily Activity Log
Project: KR-4 GW Monitoring / SAF I06-058
Logbook HNF-N-296 7
Date: 9/12/06

JMJohnsen 10/6/06

1200	Jim Mehrer and 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.
1315	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A2361, no expiration, to 29.76 mL of deionized water.
1350	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.	-----	-----	0.104 [1]	-----	-----	-----	-----	-----
B1KC14	199-K-117A	I06-058	0.007	9/12/06	11:37	~~KRF~~ FMH MAB 10/19/06	197	9.929
0.10 mg/L std.	-----	-----	0.104 [1]	-----	-----	-----	-----	-----
Blank	-----	-----	0.005	-----	-----	-----	-----	-----

[1] New lot of HACH ChromaVer® 3 Reagent, which is reading known concentrations of hexavalent chromium in deionized water higher than we normally see in this analysis. To subtract out this affect, we used the blank of reagent-treated deionized water as the "zero vial" for the analyses of the standard and all samples.

BEST AVAILABLE COPY

JMJ 10/6/06

00000003

Reviewed OCT 10 2006
By: M.A. Baechler
M.A. Baechler

JMJohnsen/JMJohnsen 10/6/06

KR-4 Cr+6 Tmcthansen/Tmcthansen

Hexavalent Chromium Daily Activity Log
Project: KR-4 GW Monitoring / SAF I06-058
Logbook HNF-N-296 7
Date: 9/13/06

Tamara Johansen 10/6/06

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.
1300	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A2361, no expiration, to 29.76 mL of deionized water.
1330	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.	-----	-----	0.106 [1]	-----	-----	-----	-----	-----
B1KC28	199-K-18	I06-058	0.131	9/13/06	10:42	LDW	553	7.180
B1KC30	199-K-20	I06-058	0.025	9/13/06	11:12	LDW	346	11.216
B1KC31	199-K-20	I06-058	0.026	9/13/06	11:12	LDW	346	11.216
0.10 mg/L std.	-----	-----	0.106 [1]	-----	-----	-----	-----	-----
Blank	-----	-----	0.005	-----	-----	-----	-----	-----

[1] New lot of HACH ChromaVer® 3 Reagent, which is reading known concentrations of hexavalent chromium in deionized water higher than we normally see in this analysis. To subtract out this affect, we used the blank of reagent-treated deionized water as the "zero vial" for the analyses of the standard and all samples.

TMJ 10/6/06

Tmcthansen/Tmcthansen 10/6/06

Reviewed
By: M.A. Baerhler
M. A. Baerhler

OCT 10 2006

100-KR4 Cr+6 Thohansen/Jmthansen

Hexavalent Chromium Daily Activity Log
Project: KR-4 GW Monitoring / SAF I06-058
Logbook HNF-N-296 7
Date: 9/18/06

Jamon Johansen 10/6/06

1230	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.
1320	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A2361, no expiration, to 29.76 mL of deionized water.
1345	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.	-----	-----	0.103 [1]	-----	-----	-----	-----	-----
B1KC24	199-K-131	I06-058	0.048	9/18/06	09:35	LW/ RRF	457	16.413
B1KC16	199-K-129	I06-058	0.076	9/18/06	11:16	LW/ RRF	313	N/A
0.10 mg/L std.	-----	-----	0.100 [1]	-----	-----	-----	-----	-----
Blank	-----	-----	0.005	-----	-----	-----	-----	-----

[1] New lot of HACH ChromaVer® 3 Reagent, which is reading known concentrations of hexavalent chromium in deionized water higher than we normally see in this analysis. To subtract out this affect, we used the blank of reagent-treated deionized water as the "zero vial" for the analyses of the standard and all samples.

TMJ 10/6/06

00000005

Reviewed
By: M.A. Baechler
OCT 10 2006

Thohansen/Jmthansen 10/6/06

M.A. Baechler

KR-4 Cr+6 [illegible]

Hexavalent Chromium Daily Activity Log
Project: KR-4 GW Monitoring / SAF I06-058
100-HR3 GW Monitoring / SAF I06-057
Logbook HNF-N-296 7
Date: 9/21/06

[illegible] 10/6/06

1215	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.
1325	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A2361, no expiration, to 29.76 mL of deionized water.
1400	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.	-----	-----	0.107 [1]	-----	-----	-----	-----	-----
B1KC33	199-K-130	I06-058	0.089	9/21/06	09:18	RTS	399	15.407
B1KBY5	199-D5-43	I06-057	0.479	9/21/06	10:32	RTS	557	26.032
B1KBW5	199-D8-69	I06-057	0.037	9/21/06	11:03	RTS	291	14.628
B1KBW7	199-D8-70	I06-057	0.071	9/21/06	12:19	RTS	433	16.047
0.10 mg/L std.	-----	-----	0.108 [1]	-----	-----	-----	-----	-----
Blank	-----	-----	0.005	-----	-----	-----	-----	-----

[1] New lot of HACH ChromaVer® 3 Reagent, which is reading known concentrations of hexavalent chromium in deionized water higher than we normally see in this analysis. To subtract out this affect, we used the blank of reagent-treated deionized water as the "zero vial" for the analyses of the standard and all samples.

[illegible] 10/6/06

Reviewed OCT 10 2006
By: M.A. Baechler
M.A. Baechler

[illegible] 10/6/06

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I06-058-2

Page 1 of 1

Collector DAPRATEK F. M. HALL	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I06-058	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100KR4IAM(1/2)-LOI, SEPTEMBER 2006	DTS- SAWS H 105	**Ice Chest No.** SAWS 119 **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 ☐
Batch all PNNL GW samples submitted under "W", "S", "I", "A" or "G" 06 SAFs into one SDG, not to exceed SDG closure of 14 days.
Submit invoices & deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1KC14 (F)		W	9-12-06	1137	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By DAPRATEK F. M. HALL Print Sign SEP 1 2 2006 Date/Time 1300	Received By J. Mehrer Print Sign SEP 1 2 2006 Date/Time 1300	Matrix *	
Relinquished By Date/Time	Received By Date/Time	S = Soil; SE = Sediment; SO = Solid; SL = Sludge; W = Water; O = Oil; A = Air	DS = Drum Solid; DL = Drum Liquid; T = Tissue; WI = Wipe; L = Liquid; V = Vegetation; X = Other
Relinquished By Date/Time	Received By Date/Time		
Relinquished By Date/Time	Received By Date/Time		

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) RETURNED TO OU Disposed By [illegible] Date/Time 9/12/06 1430

00000007

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I06-058-14

Page 1 of 1

Collector DURATEK L. D. WALL	Contact/Requester Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
SAF No. I06-058	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100KR4IAM(1/2)-LOI SEPTEMBER 2006	DTS-SAWS-H106	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 ☐
Batch all PNNL GW samples submitted under "W", "S", "I", "A" or "G" 06 SAFs into one SDG, not to exceed SDG closure of 14 days.
Submit invoices & deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1KC28 (F)		W	9-13-06	1042	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Received By
Print: L.D. Wall Sign: Date/Time: SEP 13 2006	Print: L.C. Petersen Sign: Date/Time: SEP 13 2006 1305
Relinquished By: DURATEK L. D. WALL 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	LC Petersen	9/13/06 1430

00000008

PNNL

DURATEK
D. R. BREWINGTON
L. D. WALL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I06-058-16**

Page 1 of 1

Collector DURATEK L. D. WALL	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I06-058	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100KR4IAM(1/2)-LOI, SEPTEMBER 2006	DTS-SAWS-14106	**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 ☐
Batch all PNNL GW samples submitted under "W", "S", "I", "A" or "G" 06 SAFs into one SDG, not to exceed SDG closure of 14 days.
Submit invoices & deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1KC30 (F)		W	9-13-06	1112	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
DURATEK L. D. WALL	L.D. Wall	SEP 13 2006 1305	L.C. Petersen	LPeterson	SEP 13 2006 1305
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 C Petersen Date/Time 9/13/06 1430

600000009

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I06-058-17

Page 1 of 1

Collector DURATEK L. D. WALL	Contact/Requester Dot Stewart	Telephone No. 509-376-5056 MSIN FAX
SAF No. I06-058	Sampling Origin Hanford Site	Purchase Order/Charge Code
Project Title 100KR4IAM(1/2)-LOI, SEPTEMBER 2006	DTS-SAWS-4106	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 ☐
Batch all PNNL GW samples submitted under "W", "S", "T", "A" or "G" 06 SAFs into one SDG, not to exceed SDG closure of 14 days.
Submit invoices & deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1KC31 (F)		W	9-13-06	1112	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Date/Time	Received By	Date/Time
DURATEK L. D. WALL Print L. D. Wall Sign	SEP 13 2006 1305	L. C. Petersen Print L Petersen Sign	SEP 13 2006 1305
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 9/13/06 1430

00000010

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I06-058-11

Page 1 of 1

Collector DURATEK R.R. FOX	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I06-058	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100KR4IAM(1/2)-LOI SEPTEMBER 2006	Logbook: DTS-SAWS-H106	**Ice Chest No.** SAWS-105 **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 ☐
Batch all PNNL GW samples submitted under "W", "S", "I", "A" or "G" 06 SAFs into one SDG, not to exceed SDG closure of 14 days.
Submit invoices & deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1KC24 (F)		W	9/18/06	0935	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

R. Wall 9/18/06

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R.R. FOX			SEP 18 2006 1230	L.C. Petersen		LPetersen	SEP 18 2006 1230
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 LLPetersen Date/Time 9/18/06 1430

0000004

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I06-058-4

Page 1 of 1

Collector DURATEK R.R. FOX	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I06-058	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100KR4IAM(1/2)-LOI, SEPTEMBER 2006	Logbook: DTS-SAWS-H106	**Ice Chest No.** SAWS-105 **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 ☐
Batch all PNNL GW samples submitted under "W", "S", "I", "A" or "G" 06 SAFs into one SDG, not to exceed SDG closure of 14 days.
Submit invoices & deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1KC16 (F)		W	9/18/06	1116	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

R. Wade 9/18/06

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R.R. FOX			SEP 18 2006 1230	L.C. Petersen		L.C. Petersen	SEP 18 2006 1230
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 Date/Time 9/18/06 1430

0000001

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I06-058-7

Page 1 of 1

Collector	**Contact/Requester** Dot Stewart	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I06-058 R.T. SICKLE	**Sampling Origin** Hanford Site	**Purchase Order/Charge Code**
Project Title 100KR4IAM(1/2)-LOI, SEPTEMBER 2006	DTS-SHWS-H113	**Ice Chest No.** Sm 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 ☐
Batch all PNNL GW samples submitted under "W", "S", "T", "A" or "G" 06 SAFs into one SDG, not to exceed SDG closure of 14 days.
Submit invoices & deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1KC33 (F)		W	9-21-06	0918	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
R.T. SICKLE		SEP 21 2006 1328	L.C. Petersen	LPetersen	SEP 21 2006 1328

Matrix *

S = Soil		DS = Drum Solid	
SE = Sediment		DL = Drum Liqui	
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: LCPetersen — Date/Time: 9/21/06 1445

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