FIELD SCREENING
FINAL DATA DELIVERABLE COVER SHEET

Date: Wednesday, November 16, 2005

Sample Authorization Form (SAF) Number: I05-045

SDG Number (assigned by Sample Management): FP0263 Dayes 12/7/05

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 0 3 2010
EDMC

Total number of pages (including cover sheet): TMJ 9/6/06 ~~105~~ 56

Comments:
HR-3 - Hexavalent Chromium – Sulfate - Water

THESE TESTS WERE CONDUCTED USING QC-1

SEP 2006
RECEIVED

Analyst Signature — Date: 11/14/05

Reviewer's Signature — Date: 9/6/06

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

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

On-Site Measurement of Cr +6

100-HR-3 Groundwater

SAF: I05-045

Procedure: GRP-EE-05-1.17

Logbook: HNF-N-296 4 Page 130

8/1/2005

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)
199-H4-7	B1DH07	I05-045	8/1/2005	9:49	DRB	Water	8/1/2005	14:00	PMG	0.010	548
199-H4-5	B1DFV4	I05-045	8/1/2005	10:52	DRB	Water	8/1/2005	14:00	PMG	0.030	730

Logbook: HNF-N-296 5 Page 6

8/17/2005

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)
199-D4-15	B1DFW4**	I05-045	8/17/2005	8:55	RRF	Water	8/17/2005	15:50	DJA	1.436	704
199-D5-38	B1DFY6	I05-045	8/17/2005	9:24	RRF	Water	8/17/2005	15:50	DJA	0.361	529
199-D8-88	B1DFV3	I05-045	8/17/2005	9:24	KJY	Water	8/17/2005	15:50	DJA	0.058	337
199-D8-73	B1DFV1	I05-045	8/17/2005	9:49	KJY	Water	8/17/2005	15:50	DJA	0.161	416
199-D8-73	B1DFV2	I05-045	8/17/2005	9:49	KJY	Water	8/17/2005	15:50	DJA	0.160	416
199-D5-43	B1DH03*	I05-045	8/17/2005	10:06	RRF	Water	8/17/2005	15:50	DJA	1.114	568
199-D8-70	B1DFV0	I05-045	8/17/2005	11:09	KJY	Water	8/17/2005	15:50	DJA	0.030	266

Logbook: HNF-N-296 5 Page 13

8/19/2005

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)
199-D8-69	B1DFT9	I05-045	8/19/2005	9:01	RRF	Water	8/19/2005	16:03	DJA	0.025	234
199-H4-63	B1DFV6	I05-045	8/19/2005	9:42	RRF	Water	8/19/2005	16:03	DJA	0.031	468

Logbook: HNF-N-296 5 Page 15

8/23/2005

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)
FTB993/ 199-D4-19	B1DFW6	I05-045	8/23/2005	7:30	RTS	Water	8/23/2005	14:00	MRA	<0.005	---
199-D4-14	B1DFW3	I05-045	8/23/2005	9:10	RTS	Water	8/23/2005	14:00	MRA	0.021	646
199-D3-2	B1DFW0	I05-045	8/23/2005	10:24	RTS	Water	8/23/2005	14:00	MRA	0.016	417
MS	B1DK65	I05-045	8/23/2005	10:32	JGH	Water	8/23/2005	14:00	MRA	0.026	---
MSD	B1DK66	I05-045	8/23/2005	10:32	JGH	Water	8/23/2005	14:00	MRA	0.025	---
199-D4-19/ FTB993	B1DFW5	I05-045	8/23/2005	11:02	RTS	Water	8/23/2005	14:00	MRA	<0.005	1546
199-D4-13	B1DFW1	I05-045	8/23/2005	11:29	RTS	Water	8/23/2005	14:00	MRA	<0.005	815
199-D4-13	B1DFW2	I05-045	8/23/2005	11:29	RTS	Water	8/23/2005	14:00	MRA	<0.005	815
199-D4-20	B1DFW7	I05-045	8/23/2005	11:57	RTS	Water	8/23/2005	14:00	MRA	0.192	644

Logbook: HNF-N-296 5 Page 17

8/24/2005

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)
199-D5-34	B1DFY2	I05-045	8/24/2005	9:30	FMH	Water	8/24/2005	15:20	DJA	<0.005	269
199-D5-33	B1DFY0	I05-045	8/24/2005	10:46	FMH	Water	8/24/2005	15:20	DJA	<0.005	182
199-D5-33	B1DFY1	I05-045	8/24/2005	10:46	FMH	Water	8/24/2005	15:20	DJA	<0.005	182
199-D5-36	B1DFY3	I05-045	8/24/2005	11:29	FMH	Water	8/24/2005	15:20	DJA	<0.005	214
199-D5-13	B1DFX3*	I05-045	8/24/2005	11:59	RTS	Water	8/24/2005	15:20	DJA	0.602	592
199-D4-22	B1DFW8*	I05-045	8/24/2005	12:19	FMH	Water	8/24/2005	15:20	DJA	0.934	679
199-D5-15	B1DFX6*	I05-045	8/24/2005	12:32	RTS	Water	8/24/2005	15:20	DJA	1.082	610
199-D4-23	B1DFX2	I05-045	8/24/2005	13:44	FMH	Water	8/24/2005	15:20	DJA	0.017	945

On-Site Measurement of Cr +6

100-HR-3 Groundwater

SAF: I05-045

Procedure: GRP-EE-05-1.17

Logbook: HNF-N-296 5 Page 27

8/29/2005

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)
199-D2-6	B1DFV9	I05-045	8/29/2005	8:41	DRB	Water	8/29/2005	14:05	MRA	0.035	649
199-D5-44	B1DH05	I05-045	8/29/2005	10:56	KJY	Water	8/29/2005	14:05	MRA	<0.005	2045
199-D5-14	B1DFX5	I05-045	8/29/2005	11:54	KJY	Water	8/29/2005	14;05	MRA	0.362	626
199-D5-14	B1DFX4	I05-045	8/29/2005	11:54	KJY	Water	8/29/2005	14;05	MRA	0.361	626
199-D8-55	B1DH06	I05-045	8/29/2005	12:36	KJY	Water	8/29/2005	14:05	MRA	0.008	1698

Logbook: HNF-N-296 5 Page 38

9/20/2005

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)
FTB995/ 199-D5-37	B1DFY5	I05-045	9/20/2005	7:45	DRB	Water	9/20/2005	15:35	MRA	<0.005	---
199-D5-37/ FTB995	B1DFY4	I05-045	9/20/2005	9:51	DRB	Water	9/20/2005	15:35	MRA	0.031	241
199-D5-16	B1DFX9	I05-045	9/20/2005	10:45	DRB	Water	9/20/2005	15:35	MRA	0.069	701

Logbook: HNF-N-296 5 Page 60

10/25/2005

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)
199-D5-41	B1DH02**	I05-045	10/25/2005	10:14	DPC	Water	10/25/2005	15:30	DJA	1.748	399
199-D5-40	B1DH01	I05-045	10/25/2005	10:46	DPC	Water	10/25/2005	15:30	DJA	0.405	564

* 2X Dilution

** 4X Dilution

Analysts: DJ Alexander / M.R. Adams Date: 10/25/2005

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00000003

On-Site Measurement of SO_4

100-HR-3 Groundwater

SAF: I05-046
Procedure: GRP-EE-05-1.18
Logbook: HNF-N-296 5 Page 7

8/17/2005

Location	Heis Number	SAF	Date Collected	Time Collected	Sampler (Initials)	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	SO_4 (mg/L)
199-D4-15	B1DH16**	I05-045	8/17/2005	8:55	RRF	Water	8/17/2005	16:43	DJA	148
199-D5-38	B1DH25*	I05-045	8/17/2005	9:24	RRF	Water	8/17/2005	16:43	DJA	100
199-D5-43	B1DH29**	I05-045	8/17/2005	10:06	RRF	Water	8/17/2005	16:43	DJA	116

Logbook: HNF-N-296 5 Page 16

8/23/2005

Location	Heis Number	SAF	Date Collected	Time Collected	Sampler (Initials)	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	SO_4 (mg/L)
FTB993/ 199-D4-19	B1DH18	I05-045	8/23/2005	7:30	RTS	Water	8/23/2005	15:00	MRA	1
199-D4-14	B1DH15*	I05-045	8/23/2005	9:10	RTS	Water	8/23/2005	15:00	MRA	124
199-D3-2	B1DH12*	I05-045	8/23/2005	10:24	RTS	Water	8/23/2005	15:00	MRA	70
199-D4-19/ FTB993	B1DH17****	I05-045	8/23/2005	11:02	RTS	Water	8/23/2005	15:00	MRA	340
199-D4-13	B1DH13**	I05-045	8/23/2005	11:29	RTS	Water	8/23/2005	15:00	MRA	196
199-D4-13	B1DH14**	I05-045	8/23/2005	11:29	RTS	Water	8/23/2005	15:00	MRA	176
199-D4-20	B1DH19*	I05-045	8/23/2005	11:57	RTS	Water	8/23/2005	15:00	MRA	126

Logbook: HNF-N-296 5 Page 18

8/24/2005

Location	Heis Number	SAF	Date Collected	Time Collected	Sampler (Initials)	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	SO_4 (mg/L)
199-D5-36	B1DH22	I05-045	8/24/2005	11:29	FMH	Water	8/24/2005	17:00	DJA	14
199-D4-22	B1DH20**	I05-045	8/24/2005	12:19	FMH	Water	8/24/2005	17:00	DJA	156
199-D4-23	B1DH21****	I05-045	8/24/2005	13:44	FMH	Water	8/24/2005	17:00	DJA	340

Logbook: HNF-N-296 5 Page 28

8/29/2005

Location	Heis Number	SAF	Date Collected	Time Collected	Sampler (Initials)	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	SO_4 (mg/L)
199-D2-6	B1DH11**	I05-045	8/29/2005	8:41	DRB	Water	8/29/2005	15:10	MRA	140
199-D5-44	B1DH31	I05-045	8/29/2005	10:56	KJY	Water	8/29/2005	15:10	MRA	13

Logbook: HNF-N-296 5 Page 39

9/20/2005

Location	Heis Number	SAF	Date Collected	Time Collected	Sampler (Initials)	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	SO_4 (mg/L)
FTB995/ 199-D5-37	B1DH24	I05-045	9/20/2005	7:45	DRB	Water	9/20/2005	16:05	MRA	1
199-D5-37/ FTB995	B1DH23	I05-045	9/20/2005	9:51	DRB	Water	9/20/2005	16:05	MRA	20

Logbook: HNF-N-296 5 Page 61

10/25/2005

Location	Heis Number	SAF	Date Collected	Time Collected	Sampler (Initials)	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	SO_4 (mg/L)
199-D5-41	B1DH28*	I05-045	10/25/2005	10:14	DPC	Water	10/25/2005	16:00	DJA	78
199-D5-40	B1DH27*	I05-045	10/25/2005	10:46	DPC	Water	10/25/2005	16:00	DJA	110

* 2X Dilution
** 4X Dilution
*** 5X Dilution
**** 10X Dilution

Analyst(s): DJ Alexander, MR Adams Date: 10/25/2005

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00000004

130 | 100 HR3 CrTb

DJAlexander/
GS/DJAlexander

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 / SAF No. I05-045
Logbook HNF-N-296 4
Date: 08/01/05

DJAlexander
8-01-05

1230	P.M. Gent 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 950, low range hexavalent chromium.
1345	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A0234, 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)
0.10 mg/L std.	---	---	0.105	---	---	---	---
Blank	---	---	<0.005	---	---	---	---
B1DH07	199-H4-7	I05-045	0.010	08/01/05	09:49	DRB	548
B1DFV4	199-H4-5	I05-045	0.030	08/01/05	10:52	DRB	730
Blank	---	---	<0.005	---	---	---	---
0.10 mg/L std.	---	---	0.104	---	---	---	---

Data recorded real time using a laptop computer.

DJA AUG 01 2005

DJAlexander
D.J. ALEXANDER AUG 01 2005

Reviewed by: MR Adams
Marjie Adams
OCT 12 2005

6

HR3 Cr+6 Data

DJAlexander/GS/
DJAlexander

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 / SAF No. I05-045
Logbook HNF-N-296 5
Date: 08/17/05

DJAlexander 8-17-05

1517	D.J. Alexander 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 950, low range hexavalent chromium.
1520	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A0234, no expiration, to 29.76 mL of deionized water.
1550	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)
0.10 mg/L std.	---	---	0.104	---	---	---	---
Blank	---	---	<0.005	---	---	---	---
B1DFW4**	199-D4-15	I05-045	1.436	08/17/05	08:55	RRF	704
B1DFY6	199-D5-38	I05-045	0.361	08/17/05	09:24	RRF	529
B1DFV3	199-D8-88	I05-045	0.058	08/17/05	09:24	KJY	337
B1DFV1	199-D8-73	I05-045	0.161	08/17/05	09:49	KJY	416
B1DFV2	199-D8-73	I05-045	0.160	08/17/05	09:49	KJY	416
B1DH03*	199-D5-43	I05-045	1.114	08/17/05	10:06	RRF	568
B1DFV0	199-D8-70	I05-045	0.030	08/17/05	11:09	KJY	266
Blank	---	---	<0.005	---	---	---	---
0.10 mg/L std.	---	---	0.101	---	---	---	---

* 2X Dilution
** 4X Dilution

Data recorded real time using a laptop computer.

ya AUG 17 2005

D.J. ALEXANDER
DJAlexander AUG 17 2005

Reviewed
By: M.R. Adams Marjie Adams
OCT 19 2005

HR3 SO_4^{2-} Data

DJAlexander/05/ DJalexander

7

Sulfate Daily Activity Log
Project: 100 HR-3 GW Monitoring / SAF I05-045
Logbook HNF-N-296 5
Date: 08/17/05

DJalexander 8-17-05

1517	D.J. Alexander arrives on-site at 200W, MO-612 field laboratory. Set up to analyze samples for sulfate using a HACH DR 2010 spectrophotometer, S/N 980600009425, Method 952, sulfate.
1520	Prepared 50 mg/L standard by adding 1.5 mL of 1000 mg/L HACH sulfate standard, lot # N7108, no expiration, to 28.50 mL of deionized water.
1600	Diluted sample B1DH25 2X by adding 10-mL of sample to 10-mL deionized water. Diluted samples B1DH16 and B1DH29 4X by adding 5-mL of sample to 15-mL deionized water.
1643	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler
Blank	---	---	0	---	---	---
50 mg/L std.	---	---	52	---	---	---
B1DH16**	199-D4-15	I05-045	148	08/17/05	08:55	RRF
B1DH25*	199-D5-38	I05-045	100	08/17/05	09:24	RRF
B1DH29**	199-D5-43	I05-045	116	08/17/05	10:06	RRF
50 mg/L std.	---	---	52	---	---	---
Blank	---	---	10 mrc 10/14/05	---	---	---

* 2X Dilution

** 4X Dilution

Data recorded real time using a laptop computer.

DJA AUG 17 2005

D.J. ALEXANDER DJalexander AUG 17 2005

Reviewed Mary Adams OCT
By: M.R. Adams

HR3 Cr+6 Data

DJ Alexander/ GS/ DJ Alexander

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 / SAF No. I05-045
Logbook HNF-N-296 5
Date: 08/19/05

DJAlexander 8-19-05

1415	D.J. Alexander 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 950, low range hexavalent chromium.
1208	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A0234, no expiration, to 29.76 mL of deionized water. *(Standard prepped at noon while waiting for sample delivery. Performed analysis when I returned to the trailer later that afternoon).*
1603	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)
0.10 mg/L std.	---	---	0.102	---	---	---	---
Blank	---	---	<0.005	---	---	---	---
B1DFT9	199-D8-69	I05-045	0.025	08/19/05	09:01	RRF	234
B1DFV6	199-H4-63	I05-045	0.031	08/19/05	09:42	RRF	468
Blank	---	---	<0.005	---	---	---	---
0.10 mg/L std.	---	---	0.102	---	---	---	---

Data recorded real time using a laptop computer.

AUG 19 2005

D.J. ALEXANDER

DJAlexander AUG 19 2005

Reviewed Marjie Adams

By: M R Adams

OCT 19 2005

00000008

HR3 Cr+6 Data

DJ Alexander / GS / DJ Alexander

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 / SAF No. I05-045
Logbook HNF-N-296 5
Date: 08/23/05

DJ Alexander 8-23-05

1200	D.J. Alexander and M.R. Adams 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 950, low range hexavalent chromium.
1212	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A0234, 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)
0.10 mg/L std.	---	---	0.104	---	---	---	---
Blank	---	---	<0.005	---	---	---	---
B1DFW6	FTB993 / 199-D4-19	I05-045	~~0.001~~ <0.005 MT 10/19/05	08/23/05	07:30	RTS	---
B1DFW3	199-D4-14	I05-045	0.021	08/23/05	09:10	RTS	646
B1DFW0	199-D3-2	I05-045	0.016	08/23/05	10:24	RTS	417
B1DK65	MS	I05-045	0.026	08/23/05	10:32	JGH	---
B1DK66	MSD	I05-045	0.025	08/23/05	10:32	JGH	---
B1DFW5	199-D4-19 / FTB993	I05-045	~~0.001~~ <0.005 MT 10/19/05	08/23/05	11:02	RTS	1546
B1DFW1	199-D4-13	I05-045	<0.005	08/23/05	11:29	RTS	815
B1DFW2	199-D4-13	I05-045	<0.005	08/23/05	11:29	RTS	815
B1DFW7	199-D4-20	I05-045	0.192	08/23/05	11:57	RTS	644
Blank	---	---	<0.005	---	---	---	---
0.10 mg/L std.	---	---	0.103	---	---	---	---

Data recorded real time using a laptop computer.

DJA AUG 2 3 2005

D.J. ALEXANDER
DJ Alexander AUG 2 3 2005

Reviewed Mary Adams
By: M R Adams
OCT 1 9 2005

00000009

HR3 SO_4^{2-} Data

DJ Alexander / GS / DJ Alexander

Sulfate Daily Activity Log
Project: 100 HR-3 GW Monitoring / SAF I05-045
Logbook HNF-N-296 5
Date: 08/23/05

DJ Alexander 8-23-05

1200	D.J. Alexander and M.R. Adams arrive on-site at 200W, MO-612 field laboratory. Set up to analyze samples for sulfate using a HACH DR 2010 spectrophotometer, S/N 980600009425, Method 952, sulfate.
1450	Prepared 50 mg/L standard by adding 1.5 mL of 1000 mg/L HACH sulfate standard, lot # N7108, no expiration, to 28.50 mL of deionized water.
1440	Diluted samples B1DH15, B1DH12, and B1DH19 2X by adding 10-mL of sample to 10-mL deionized water. Diluted samples B1DH13 and B1DH14 4X by adding 5-mL of sample to 15-mL deionized water. Diluted sample B1DH17 10X by adding 2-mL of sample to 18-mL of deionized water.
1500	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler
Blank	---	---	0	---	---	---
50 mg/L std.	---	---	49	---	---	---
B1DH18	FTB993/ 199-D4-19	I05-045	1	08/23/05	07:30	RTS
B1DH15*	199-D4-14	I05-045	124	08/23/05	09:10	RTS
B1DH12*	199-D3-2	I05-045	70	08/23/05	10:24	RTS
B1DH17****	199-D4-19 / FTB993	I05-045	340	08/23/05	11:02	RTS
B1DH13**	199-D4-13	I05-045	196	08/23/05	11:29	RTS
B1DH14**	199-D4-13	I05-045	176	08/23/05	11:29	RTS
B1DH19*	199-D4-20	I05-045	126	08/23/05	11:57	RTS
50 mg/L std.	---	---	49	---	---	---
Blank	---	---	1	---	---	---

* 2X Dilution
** 4X Dilution
**** 10X Dilution

Data recorded real time using a laptop computer.

DJ AUG 23 2005

D.J. ALEXANDER

DJ Alexander AUG 23 2005

Reviewed Mary Adams
By: M.R. Adams

OCT 19 2005

00000010

HR3 Cr+6 Data

DJ Alexander / GS Alexander

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 / SAF No. I05-045
Logbook HNF-N-296 5
Date: 08/24/05

DJ Alexander 8-24-05

1500	D.J. Alexander 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, Met' 950, low range hexavalent chromium.
1505	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A0234, no expiration, to 29.76 mL of deionized water.
1520	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)
0.10 mg/L std.	---	---	0.104	---	---	---	---
Blank	---	---	<0.005	---	---	---	---
B1DFY2	199-D5-34	I05-045	<0.005	08/24/05	09:30	FMH	269
B1DFY0	199-D5-33	I05-045	<0.005	08/24/05	10:46	FMH	182
B1DFY1	199-D5-33	I05-045	<0.005	08/24/05	10:46	FMH	182
B1DFY3	199-D5-36	I05-045	<0.005	08/24/05	11:29	FMH	214
B1DFX3*	199-D5-13	I05-045	0.602	08/24/05	11:59	RTS	592
B1DFW8*	199-D4-22	I05-045	0.934	08/24/05	12:19	FMH	679
B1DFX6*	199-D5-15	I05-045	1.082	08/24/05	12:32	RTS	610
B1DFX2	199-D4-23	I05-045	0.017	08/24/05	13:44	FMH	945
Blank	---	---	<0.005	---	---	---	---
0.10 mg/L std.	---	---	0.103	---	---	---	---

Data recorded real time using a laptop computer.

* 2X Dilution

AUG 2 4 2005

D.J. ALEXANDER
DJ Alexander AUG 2 4 2005

Reviewed By: M.R. Adams Marie Adams

00000011

OCT 1 9 2005

HR3 SO_4^{2-} Data

DJ Alexander / GS / DJalexander

Sulfate Daily Activity Log
Project: 100 HR-3 GW Monitoring / SAF I05-045
Logbook HNF-N-296 5
Date: 08/24/05

DJalexander 8-24-05

1500	D.J. Alexander arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for sulfate using a HACH DR 2010 spectrophotometer, S/N 980600009425, Method 952, sulfate.
1520	Prepared 50 mg/L standard by adding 1.5 mL of 1000 mg/L HACH sulfate standard, lot # N7108, no expiration, to 28.50 mL of deionized water.
1645	Diluted sample B1DH20 4X by adding 5-mL of sample to 15-mL deionized water. Diluted sample B1DH21 10X by adding 2-mL of sample to 18-mL of deionized water.
1700	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler
Blank	---	---	1	---	---	---
50 mg/L std.	---	---	51	---	---	---
B1DH22	199-D5-36	I05-045	14	08/24/05	11:29	FMH
B1DH20**	199-D4-22	I05-045	156	08/24/05	12:19	FMH
B1DH21****	199-D4-23	I05-045	340	08/24/05	13:44	FMH
50 mg/L std.	---	---	51	---	---	---
Blank	---	---	0	---	---	---

** 4X Dilution

**** 10X Dilution

Data recorded real time using a laptop computer.

AUG 24 2005

D.J. ALEXANDER

DJalexander AUG 24 2005

Reviewed Marjie Adams

By: M.R. Adams

OCT 19 2005

00000012

HR3 Cr+6 Data

DJ Alexander /GS/
DJ Alexander

DJ Alexander
9-15-05

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 / SAF No. I05-045
Logbook HNF-N-296 5
Date: 08/29/05

1340	M.R. Adams 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 950, low range hexavalent chromium.
1400	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A0234, no expiration, to 29.76 mL of deionized water.
1405	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)
0.10 mg/L std.	---	---	0.102	---	---	---	---
Blank	---	---	<0.005	---	---	---	---
B1DFV9	199-D2-6	I05-045	0.035	08/29/05	08:41	DRB	~~699~~ 649 MR 10/27/05
B1DH05	199-D5-44	I05-045	<0.005	08/29/05	10:56	KJY	2045
B1DFX5	199-D5-14	I05-045	0.362	08/29/05	11:54	KJY	626
B1DFX4	199-D5-14	I05-045	0.361	08/29/05	11:54	KJY	626
B1DH06	199-D8-55	I05-045	0.008	08/29/05	12:36	KJY	1698
Blank	---	---	<0.005	---	---	---	---
0.10 mg/L std.	---	---	0.102	---	---	---	---

Data recorded real time using a laptop computer.

DJA SEP 15 2005

00000013

D.J. ALEXANDER SEP 15 2005
DJ Alexander

Reviewed Marie Adams
By: M.R. Adams OCT 27 2005

HR3 SO_4^{2-} Data

DJ Alexander /GS/
DJ Alexander

Sulfate Daily Activity Log
Project: 100 HR-3 GW Monitoring / SAF I05-045
Logbook HNF-N-296 5
Date: 08/29/05

DJ Alexander 9-15-05

1340	M.R. Adams arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for sulfate using a HACH DR 2010 spectrophotometer, S/N 980600009425, Method 952, sulfate.
1500	Prepared 50 mg/L standard by adding 1.5 mL of 1000 mg/L HACH sulfate standard, lot N7108, no expiration, to 28.50 mL of deionized water.
1505	Diluted sample B1DH11 4X by adding 5-mL of sample to 15-mL deionized water.
1510	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler
50 mg/L std.	---	---	49	---	---	---
Blank	---	---	0	---	---	---
B1DH11**	199-D2-6	I05-045	140	08/29/05	08:41	DRB
B1DH31	199-D5-44	I05-045	13	08/29/05	10:56	KJY
Blank	---	---	0	---	---	---
50 mg/L std.	---	---	49	---	---	---

** 4X Dilution

Data recorded real time using a laptop computer.

DJA SEP 15 2005

00000014

D.J. ALEXANDER SEP 15 2005
DJ Alexander

Reviewed
By: M.R Adams Mark Adams OCT 27 2005

HR3 Cr+6 Data

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 / SAF No. I05-045
Logbook HNF-N-296 5
Date: 09/20/05

DJ Alexander 9-20-05

1330	M.R. Adams 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 950, low range hexavalent chromium.
1530	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A0234, no expiration, to 29.76 mL of deionized water.
1535	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)
0.10 mg/L std.	---	---	0.101	---	---	---	---
Blank	---	---	<0.005	---	---	---	---
B1DFY5	FTB995/ 199-D5-37	I05-045	<0.005	09/20/05	07:45	DRB	---
B1DFY4	199-D5-37/ FTB995	I05-045	0.031	9/20/05	09:51	DRB	241
B1DFX9	199-D5-16	I05-045	0.069	09/20/05	10:45	DRB	701
Blank	---	---	<0.005	---	---	---	---
0.10 mg/L std.	---	---	0.101	---	---	---	---

Data recorded real time using a laptop computer.

SEP 2 0 2005

00000015

D.J. ALEXANDER

DJ Alexander SEP 2 0 2005

Reviewed By: M.R. Adams OCT 2 7 2005

HR3 SO_4^{2-} Data

DJ Alexander / GS/DJ Alexander

Sulfate Daily Activity Log
Project: 100 HR-3 GW Monitoring / SAF I05-045
Logbook HNF-N-296 5
Date: 09/20/05

DJ Alexander 9-20-05

1330	M.R. Adams arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for sulfate using a HACH DR 2010 spectrophotometer, S/N 980600009425, Method 952, sulfate.
1600	Prepared 50 mg/L standard by adding 1.5 mL of 1000 mg/L HACH sulfate standard, lot # N7108, no expiration, to 28.50 mL of deionized water.
1605	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler
50 mg/L std.	---	---	51	---	---	---
Blank	---	---	0	---	---	---
B1DH24	FTB995/ 199-D5-37	I05-045	1	09/20/05	07:45	DRB
B1DH23	199-D5-37/ FTB995	I05-045	20	09/20/05	09:51	DRB
Blank	---	---	0	---	---	---
50 mg/L std.	---	---	51	---	---	---

Data recorded real time using a laptop computer.

SEP 20 2005

D.J. ALEXANDER
DJ Alexander SEP 20 2005

Reviewed Major Adams
By: M.R. Adams OCT 27 2005

00000016

HR3 Cr+6 Data
August 2005 SAF

DJAlexander/
GS/DJAlexander

DJAlexander
10-25-05

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 / SAF No. I05-045
Logbook HNF-N-296 5
Date: 10/25/05

1400	D.J. Alexander 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 950, low range hexavalent chromium.
1515	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A0234, no expiration, to 29.76 mL of deionized water.
1530	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivit (µs/cm)
0.10 mg/L std.	---	---	0.103	---	---	---	---
Blank	---	---	<0.005	---	---	---	---
B1DH02**	199-D5-41	I05-045	1.748	10/25/05	10:14	DPC	399
B1DH01	199-D5-40	I05-045	0.405	10/25/05	10:46	DPC	564
Blank	---	---	<0.005	---	---	---	---
0.10 mg/L std.	---	---	0.102	---	---	---	---

** 4X Dilution

Data recorded real time using a laptop computer.

DJA OCT 25 2005

DJAlexander
D.J. ALEXANDER OCT 25 2005

Reviewed [signature] OCT 30 2005
[illegible] Adams

HR3 SO_4^{2-} Data
August 2005 SAF

DJAlexander/
OS/DJAlexander

Sulfate Daily Activity Log
Project: 100 HR-3 GW Monitoring / SAF I05-045
Logbook HNF-N-296 5
Date: 10/25/05

DJAlexander
10-25-05

1400	D.J. Alexander arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for sulfate using a HACH DR 2010 spectrophotometer, S/N 980600009425, Method 952, sulfate.
1515	Prepared 50 mg/L standard by adding 1.5 mL of 1000 mg/L HACH sulfate standard, lot # N7108, no expiration, to 28.50 mL of deionized water.
1600	Analyzed samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler
50 mg/L std.	---	---	50	---	---	---
Blank	---	---	0	---	---	---
B1DH28*	199-D5-41	I05-045	78	10/25/05	10:14	DPC
B1DH27*	199-D5-40	I05-045	110	10/25/05	10:46	DPC
Blank	---	---	0	---	---	---
50 mg/L std.	---	---	50	---	---	---

* 2X Dilution

Data recorded real time using a laptop computer.

DJA OCT 2 5 2005

DJAlexander OCT 2 5 2005
D.J. ALEXANDER

Reviewed MRAdams
By: M.R. Adams OCT 3 0 2005

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-59

Page 1 of 1

Collector DURATEK R. R. FOX	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-H95	Ice Chest No. SAWS-109 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFT9 (F)		W	8/19/05	0901	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. R. FOX	[signature]	[signature]	AUG 19 2005 1215	DJ Alexander	[signature]	[signature]	AUG 19 2005 1215
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 D.J. ALEXANDER / [signature] Date/Time AUG 19 2005 / 1610

0000019

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-61

Page 1 of 1

Collector K.J. YOUNG	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SHWS-H93	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFV0 (F)		W	8-17-05	1109	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
K.J. YOUNG			AUG 17 2005 1245	DJ Alexander		DJ Alexander	AUG 17 2005 1245
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 D.J. ALEXANDER / DJ Alexander Date/Time AUG 17 2005 / 1710

00000020

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-63

Page 1 of 1

Collector: K.D. YOUNG	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	DTS - SAMS-1493	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFV1 (F)		W	8-17-05	0949	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
	K.D. YOUNG		AUG 17 2005 1245		DJ Alexander		AUG 17 2005 1245
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: D.J. ALEXANDER Date/Time: AUG 17 2005 1710

00000021

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-64

Page 1 of 1

Collector K.J. YOUNG	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-1493	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFV2 (F)		W	8-17-05	0944	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
K.J. YOUNG			1245 AUG 17 2005	DJ Alexander		DJ Alexander	1245 AUG 17 2005
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 D.J. ALEXANDER / DJ Alexander Date/Time AUG 17 2005 / 1710

00000022

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-65

Page 1 of 1

Collector: K.J. YOUNG	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	DTS-SMWS-1193	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFV3 (F)		W	8-17-05	0924	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
K.J. YOUNG	K.J. Young		AUG 17 2005 1245	DJ Alexander	DJ Alexander		AUG 17 2005 1245
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: D.J. ALEXANDER / DJ Alexander Date/Time: AUG 17 2005 / 1710

0000023

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-67

Page 1 of 1

Collector: D.R. BREWINGTON	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	DTS- SAWS H93	Ice Chest No.: SMLL 125 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFV4 (F)		W	8-1-05	1052	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
D.R. BREWINGTON	D.R. Brewington	AUG 01 2005 1320	PMGENT	PMGent	AUG 01 2005 1320
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: PM Gent / PMGent Date/Time: AUG 01 2005 / 1130

00000024

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-69

Page 1 of 1

Collector: DURATEK R. R. FOX	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-H95	Ice Chest No.: SAWS-109 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFV6 (F)		W	8/19/05	0942	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. R. FOX			AUG 19 2005 1215		DJ Alexander	DJ Alexander	AUG 19 2005 1215

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: D.J. ALEXANDER / DJ Alexander Date/Time: AUG 19 2005 1610

0000025

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-1

Page 1 of 1

Collector: D.R. BREWINGTON	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	SAWS-H96	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
** **

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFV9 (F)		W	8-29-05	0841	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH11		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D.R. BREWINGTON	D.R. Brewington		AUG 29 2005 1340	Maya Adams	Maya Adams		AUG 29 2005 1340

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: MR Adams / Maya Adams Date/Time: AUG 29 2005 / 1545

0000026

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-2

Page 1 of 1

Collector DURATEK R. T. SICKLE	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAW5-1196	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFW0 (F)		W	8-23-05	1024	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH12		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. T. SICKLE			AUG 23 2005 1240	Margie Adams		Margie Adams	AUG 23 2005 1240
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 (Return to customer, per lab procedure, used in process) RETURNED TO OU

Disposed By D.J. ALEXANDER Date/Time AUG 23 2005 1545

00000027

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-3

Page 1 of 1

Collector ~~DURATEK~~ ~~R. T. SICKLE~~	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-H96	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFW1 (F)		W	8-23-05	1129	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH13		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Received By
Print ~~DURATEK~~ ~~R. T. SICKLE~~ Sign Date/Time 1240 AUG 23 2005	Print Margie Adams Sign Date/Time 1240 AUG 23 2005
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 D.J. ALEXANDER Date/Time AUG 23 2005 1545

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PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-4

Page 1 of 1

Collector DURATEK R. T. SICKLE	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-1496	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFW2 (F)		W	8-23-05	1129	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH14		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. T. SICKLE			1240 AUG 23 2005	Margie Adams		Margie Adams	1240 AUG 23 2005
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: D.J. ALEXANDER D J Alexander

Date/Time: AUG 23 2005 1545

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PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-5

Page 1 of 1

Collector DURATEK R. T. SICKLE	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-1496	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFW3 (F)		W	8-23-05	0910	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH15		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. T. SICKLE			AUG 23 2005 1240	DJ Alexander		DJ Alexander	1240 AUG 23 2005
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 customer, per lab procedure, used in process) RETURNED TO OU

Disposed By D.J. ALEXANDER DJ Alexander Date/Time AUG 23 2005 1545

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PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-7

Page 1 of 1

Collector: DURATEK R. R. FOX	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-H9S	Ice Chest No.: SAWS-109 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFW4 (F)		W	8/17/05	0855	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH16		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. R. FOX			1110 AUG 17 2005	DJ Alexander		DJ Alexander	1110 AUG 17 2005
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: D.J. ALEXANDER DJ Alexander Date/Time: AUG 17 2005 1710

0000003

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-9

Page 1 of 1

Collector DURATEK R. T. SICKLE	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-496	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFW5 (F)		W	8-23-05	1102	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH17		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. T. SICKLE			1240 AUG 23 2005	Margie Adams		Margie Adams	1240 AUG 23 2005
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, specific procedure, used in process) RETURNED TO OU

Disposed By D.J. ALEXANDER DJ Alexander Date/Time AUG 23 2005 1545

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PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I05-045-10**

Page 1 of 1

Collector DURATEK R. T. SICKLE	**Contact/Requester** DL STEWART	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I05-045	**Sampling Origin** HANFORD SITE	**Purchase Order/Charge Code**
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-H96	**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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFW6 (F)		W	8-23-05	0730	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH18		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. T. SICKLE	[signature]		AUG 2 3 2005 1240	Marjie Adams	Marjie Adams		AUG 2 3 2005 1240
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 D.J. ALEXANDER [signature] Date/Time AUG 2 3 2005 / 1545

0000033

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-11

Page 1 of 1

Collector DURATEK R. T. SICKLE	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-1496	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFW7 (F)		W	8-23-05	1157	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH19		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. T. SICKLE			AUG 23 2005 1240		Maryn Adams	Maryn Adams	AUG 23 2005 1240

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 D.J. ALEXANDER DJ alexander Date/Time AUG 23 2005 1545

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PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-13

Page 1 of 1

Collector DURATEK F. M. HALL	**Contact/Requester** DL STEWART	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I05-045	**Sampling Origin** HANFORD SITE	**Purchase Order/Charge Code**
Project Title CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-H95	**Ice Chest No.** SAWS-109 **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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFW8 (F)		W	8/24/05	1219	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH20		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK F. M. HALL			AUG 24 2005 1430	DJ Alexander		DJ alexander	AUG 24 2005 1430
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 D.J. ALEXANDER / DJ alexander Date/Time AUG 24 2005 / 1745

0000035

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-19

Page 1 of 1

Collector: DURATEK F. M. HALL	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	Logbook: OTS-SAWS-HPS	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFX2 (F)		W	8/24/05	1344	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH21		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK F. M. HALL			1430 8-25-05	DJ Alexander		DJ Alexander	1430 8-25-05
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: D.J. ALEXANDER / DJ Alexander

Date/Time: AUG 2 4 2005 / 1745

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PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-21

Page 1 of 1

Collector DURATEK R. T. SICKLE	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-H96	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
** **

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFX3 (F)		W	8-24-05	1159	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. T. SICKLE			AUG 24 2005 1430	DJ Alexander	DJ alexander		AUG 24 2005 1430
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	= 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 D.J. ALEXANDER / DJ alexander Date/Time AUG 24 2005 / 1745

0000037

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-23

Page 1 of 1

Collector: DURATEK K.J. YOUNG	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	DTS- SHWS H98	Ice Chest No.: SMUL 124 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFX4 (F)		W	8-29-05	1154	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK K.J. YOUNG	Don Young	Don Young	AUG 29 2005 1340	Maya Adams	Maya Adams	Maya Adams	AUG 29 2005 1340
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: MR Adams / Maya Adams Date/Time: AUG 29 2005 / 1545

00000038

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-24

Page 1 of 1

Collector: DURATEK K.J. YOUNG	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	DTS- SAWS 1498	Ice Chest No.: SWL 124 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFX5 (F)		W	8-29-05	1154	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK K.J. YOUNG	Don Young	Don Young	1340 AUG 29 2005	Maggie Adams	Maggie Adams	Maggie Adams	1340 AUG 29 2005

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, penlab procedure, used in process) RETURNED TO OU

Disposed By: MR Adams / Maggie Adams Date/Time: AUG 29 2005 / 1545

00000039

PNNL

DURATEK

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-25

Page 1 of 1

Collector: R. T. SICKLE	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-1496	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
** **

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFX6 (F)		W	8-24-05	1232	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. T. SICKLE			AUG 24 2005 1430	DJ Alexander		DJ alexander	AUG 24 2005 1430
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: D.J. ALEXANDER / DJ alexander Date/Time: AUG 24 2005 / 1745

0000040

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-29

Page 1 of 1

Collector: D.R. BREWINGTON	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-H95	Ice Chest No.: SAWS-109 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFX9 (F)		W	9/20/05	1045	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
D.R. BREWINGTON / D.R. Brewington	9-20-05 1340	DJ Alexander / DJ Alexander	9-20-05 1340

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 Project

Disposed By: DJ Alexander Date/Time: 9/20/05 1800

0000047

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-31

Page 1 of 1

Collector: ~~DURATEK~~ ~~F. M. HALL~~	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-H95	Ice Chest No.: SAWS-109 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. 0

POSSIBLE SAMPLE HAZARDS/REMARKS
** **

SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes ☑ No ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFY0 (F)		W	8/24/05	1046	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
~~DURATEK~~ ~~F. M. HALL~~			AUG 24 2005 1430	DJ Alexander		DJ Alexander	AUG 24 2005 1430
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: RETURNED TO CU (Disposal Method Key: Return to customer, per lab procedure, used in process)

Disposed By: D.J. ALEXANDER DJ Alexander Date/Time: AUG 24 2005 / 1745

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PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-32

Page 1 of 1

Collector: DURATEK F. M. HALL	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-H95	Ice Chest No.: SAWS-109 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFY1 (F)		W	8/24/05	1046	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK F. M. HALL		[signature]	AUG 24 2005 1430	DJ Alexander	DJ Alexander		AUG 24 2005 1430
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: D.J. ALEXANDER / DJ Alexander Date/Time: AUG 24 2005 / 1745

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PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-33

Page 1 of 1

Collector DURATEK F. M. HALL	**Contact/Requester** DL STEWART	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I05-045	**Sampling Origin** HANFORD SITE	**Purchase Order/Charge Code**
Project Title CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-195	**Ice Chest No.** SAWS-109 **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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFY2 (F)		W	8/24/05	0930	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK F. M. HALL			AUG 24 2005 1430		DJ Alexander	DJ alexander	AUG 24 2005 1430
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 DJ ALEXANDER / DJ alexander Date/Time AUG 24 2005 / 1745

0000044

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-35

Page 1 of 1

Collector: DURATEK F. M. HALL	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-H95	Ice Chest No.: SAWS-109 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFY3 (F)		W	8/24/05	1129	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH22		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK F. M. HALL			AUG 24 2005 1430	DJ Alexander		DJ alexander	AUG 24 2005 1430

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: D.J. ALEXANDER / DJ alexander Date/Time: AUG 24 2005 / 1745

0000045

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-37

Page 1 of 1

Collector: D.R. BREWINGTON	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-1495	Ice Chest No.: SAWS-109 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFY4 (F)		W	9/20/05	0951	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH23		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D.R. BREWINGTON	D.R. Brewington		9-20-05 1340	DJ Alexander	DJ Alexander		9-20-05 1340
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 Project

Disposed By: DJ Alexander Date/Time: 9/20/05 1800

0000004

PNNL

R.W. 9/20/05

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I05-045-38**

Page 1 of 1

Collector ~~DURATEK~~ ~~R. T. SICKLE~~ D.R. BREWINGTON	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-H9S	Ice Chest No. SAWS-109 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFY5 (F)		W	9/20/05	0745	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH24		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print / Sign	Date/Time	Received By	Print / Sign	Date/Time
R.W. 9/20/05 ~~DURATEK~~ ~~R. T. SICKLE~~ D.R. BREWINGTON	D.R. Brewington	1340 9-20-05	DJ Alexander	DJ Alexander	1340 9-20-05
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 Project	DJ Alexander	9/20/05 1800

00000047

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-39

Page 1 of 1

Collector: DURATEK R. R. FOX	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS-SAWS-1195	Ice Chest No.: SAWS-109 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DFY6 (F)		W	8/17/05	0924	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH25		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. R. FOX			AUG 17 2005 1110	DJ Alexander		DJ alexander	AUG 17 2005 1110
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: D.J. ALEXANDER / DJ alexander Date/Time: AUG 17 2005 1710

0000048

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-47

Page 1 of 1

Collector: D. P. CONNOLLY	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-H98	Ice Chest No.: SML-124 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DH01 (F)		W	10/25/5	1046	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH27		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D. P. CONNOLLY		[signature]	OCT 25 2005 / 1331	DJ Alexander	DJ Alexander		OCT 25 2005 / 1331
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: D.J. ALEXANDER [signature] Date/Time: OCT 25 2005 / 1645

0000049

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-49

Page 1 of 1

Collector D.P. CONNOLLY	Contact/Requester DL STEWART	Telephone No. 509-376-5056 MSIN FAX
SAF No. I05-045	Sampling Origin HANFORD SITE	Purchase Order/Charge Code
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-H98	Ice Chest No. SML-124 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DH02 (F)		W	10/25/5	1014	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH28		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
D.P. CONNOLLY		[signature]	OCT 25 2005 / 1331	DJ Alexander		DJ Alexander	OCT 25 2005 / 1331
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	= 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 D.J. ALEXANDER DJ Alexander — Date/Time OCT 25 2005 / 1645

0000050

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-51

Page 1 of 1

Collector: DURATEK R. R. FOX	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	Logbook: DTS - SAWS - H95	Ice Chest No.: SAWS-109 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DH03 (F)		W	8/17/05	1006	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH29		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK R. R. FOX			AUG 17 2005 1170	DJ Alexander	DJ Alexander		AUG 17 2005 1170
DJ Alexander	DJ Alexander		AUG 17 2005 1120	L. D. WALL	L. D. Wall		AUG 17 2005 1120
DURATEK L. D. WALL	L. D. Wall		AUG 17 2005 1225	DJ Alexander	DJ Alexander		AUG 17 2005 1225
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: D.J. ALEXANDER / DJ Alexander

Date/Time: AUG 17 2005 1710

00000051

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I05-045-53**

Page 1 of 1

Collector DURATEK K. J. YOUNG	**Contact/Requester** DL STEWART	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I05-045	**Sampling Origin** HANFORD SITE	**Purchase Order/Charge Code**
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS- SHWS H 98	**Ice Chest No.** SML 124 **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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DH05 (F)		W	8-29-05	1056	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None
B1DH31		W	↓	↓	1x40-mL aGs*	COLOR_TK_FLD: Sulfate (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK K. J. YOUNG	[signature]		1340 AUG 29 2005	Margie Adams	[signature]		1340 AUG 29 2005
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 MR Adams / [signature] Date/Time AUG 29 2005 / 1545

0000052

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I05-045-57**

Page 1 of 1

Collector DURATEK K. J. YOUNG	**Contact/Requester** DL STEWART	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I05-045	**Sampling Origin** HANFORD SITE	**Purchase Order/Charge Code**
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS- SAWS H98	**Ice Chest No.** SML 124 **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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DH06 (F)		W	8-29-05	1236	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
DURATEK K. J. YOUNG	Dan Young		1340 AUG 29 2005	Margie Adams	Margie Adams		1340 AUG 29 2005
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 CU

MR Adams / Disposed By Margie Adams Date/Time AUG 29 2005 / 1545

00000053

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-73

Collector: D.R. BREWINGTON	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	DTS- SAWS 1493	Ice Chest No.: SMK125 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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DH07 (F)		W	8-1-05	0949	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By (Print / Sign)	Date/Time	Received By (Print / Sign)	Date/Time
D.R. BREWINGTON DR Brewington for	AUG 01 2005 1320	PMGENT / PMGent	AUG 01 2005 1320
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: PM Gent / PMGent Date/Time: AUG 01 2005 / 1430

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PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # I05-045-79

Page 1 of 1

Collector: JG HOGAN	Contact/Requester: DL STEWART	Telephone No.: 509-376-5056 MSIN FAX
SAF No.: I05-045	Sampling Origin: HANFORD SITE	Purchase Order/Charge Code
Project Title: CERCLA 100HR3IAM, AUGUST 2005	DTS-SIAWS-H96	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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DK65 (F)		W	8.23-05	1032	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
JG HOGAN		J G Hogan	AUG 23 2005 1240	Marcie Adams		Marcie Adams	AUG 23 2005 1240
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, lab procedure, used in process) RETURNED TO OU

Disposed By: D.J. ALEXANDER D J alexander Date/Time: AUG 23 2005 1545

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PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **I05-045-80**

Page 1 of 1

Collector JG HOGAN	**Contact/Requester** DL STEWART	**Telephone No.** 509-376-5056 **MSIN** **FAX**
SAF No. I05-045	**Sampling Origin** HANFORD SITE	**Purchase Order/Charge Code**
Project Title CERCLA 100HR3IAM, AUGUST 2005	DTS-SAWS-H96	**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 ☐
A, G, I, S, and W SAFS may be grouped into one SDG to facilitate analytical batching, not to exceed SDG closure of 14 days.
Submit invoices and deliverables to DL Stewart, PNNL

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DK66 (F)		W	8-23-05	1032	1x40-mL aGs*	COLOR_TK_FLD: Hexavalent Chromium (1)	None

Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time
JG HOGAN	JG Hogan		AUG 23 2005 1240	Margie Adams	Margie Adams		AUG 23 2005 1240
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 D.J. ALEXANDER / DJ Alexander Date/Time AUG 23 2005 / 1545

00000056