0093276

FIELD SCREENING
FINAL DATA DELIVERABLE COVER SHEET

Date: Monday, December 08, 2008

Sample Authorization Form (SAF) Number: F02-010

SDG Number (assigned by Sample Management): FP0534 Dayes 12/10/08

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

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

Total number of pages (including cover sheet): ~~25~~ 30 Dayes 7/19/10

Comments:
200-ZP-2 Rebound and Passive Soil Gas Monitoring

Analyst Signature — Date 12/08/08

M.A. BAECHLER — DEC 18 2008

Reviewer's Signature — Date

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

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

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00000001

July 2008 to September 2008 Soil Gas Monitoring Data Collection Form (SAF F02-010)

DATE: 09-23-2008 --- ***Monitoring for September 2008***

B&K SERIAL NUMBER: 1715232 AMBIENT PRESSURE: 0.01 in. w.c. at 0810 (time)

SAMPLERS NAME(S): D. Bates, J. Pope

ANALYZERS NAME(S): K. Royal

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.7 ppmv at 1134 (time). 86.9%

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.7ppmv at 1230 (time). 86.9%

Well Location (I - inside barrier, O - outside barrier)	HEIS NUMBERS	Location (Well or Probe) / feet bgs	Zone	Color Code	Differential Pressure (inches w.c.)	Sampling Time	Analysis Time	Carbon Tetrachloride (ppmv)		Chloroform (ppmv)	MEK (ppmv)	Methylene Chloride (ppmv)	Water Vapor (ppmv)
								"A"	"B"				
I	B1WHK7	CPT-9A / 60 ft (1)	2	blue	-0.07	0814	1138	---	9.03	<1.0	<1.0	1.14	7,240
I	B1WHK8	CPT-9A / 50 ft (1)	2	black	-0.59	0817	1140	---	42.3	<1.0	<1.0	3.94	7,830
I	B1WHK9	CPT-9A / 64 ft (1)	2	green	-0.37	0820	1142	---	29.8	<1.0	<1.0	3.14	7,860
I	B1WHL0	CPT-7A / 32 ft	2	yellow	-0.06	0828	1144	---	1.85	<1.0	<1.0	<1.0	8,020
I	B1WHL1	C3872 / 62.5 ft	2	---	-0.30	0839	1146	---	2.54	<1.0	<1.0	1.44	8,120
I	B1WHL2	W18-248 / 131 ft	3	---	-0.74	0847	1148	---	1.48	<1.0	<1.0	<1.0	7,520
I	B1WHL3	W18-165 / 109 ft	2	---	(2)	0857	1150	---	60.9	<1.0	1.11	6.68	8,360
I	B1WHL4	W18-167 / 106 ft	3	---	(2)	0901	1152	196	---	<1.0	1.28	6.39	8,530
I	B1WHL5	CPT-32 / 25 ft	2	green	-0.02	0908	1154	---	3.58	<1.0	<1.0	<1.0	8,680
I	B1WHL6	CPT-32 / 70 ft	2	red	-0.22	0910	1156	---	7.50	<1.0	<1.0	1.82	8,750
I	B1WHL7	CPT-30 / 48 ft	2	blue	-0.02	0917	1158	---	1.68	<1.0	<1.0	2.25	8,900
I	B1WHL8	CPT-4F / 109 ft	2	red	-0.36	0937	1202	---	5.71	<1.0	<1.0	1.72	9,240
I	B1WHL9	CPT-4E / 25 ft	2	white	0.02	0944	1204	---	1.11	<1.0	<1.0	<1.0	9,690
I	B1WHM0	CPT-1A / 35 ft	2	black	0.00	0953	1206	---	6.50	<1.0	<1.0	1.29	8,790
I	B1WHM1	CPT-1A / 68 ft	2	yellow	0.01	0956	1208	---	12.2	1.18	<1.0	2.08	10,100
I	B1WHM2	W18-152 / 101 ft	2	---	-0.34	1002	1210	---	11.3	<1.0	<1.0	2.36	9,910
O	B1WHM3	CPT-21A / 65 ft	2	green	-0.51	1019	1214	---	70.9	<1.0	<1.0	2.80	10,300
O	B1WHM4	CPT-21A / 86 ft	2	red	-0.39	1021	1216	168	---	<1.0	1.14	3.75	10,400
O	B1WHM5	CPT-28 / 40 ft	2	blue	0.03	1031	1218	---	4.82	<1.0	<1.0	<1.0	11,300
O	B1WHM6	CPT-28/ 87 ft	2	red	-0.29	1034	1220	204	---	<1.0	1.26	3.75	11,500
O	B1WHM7	CPT-13A / 30 ft	2	blue	0.06	1042	1222	---	4.42	<1.0	<1.0	<1.0	11,400
O	B1WHM8	W18-249 / 130 ft	3	---	-0.13	1050	1224	---	10.8	<1.0	<1.0	1.87	12,200
O	B1WHM9	CPT-33 / 40 ft	2	green	0.08	1055	1226	---	1.78	<1.0	<1.0	1.62	12,400
O	B1WHN0	CPT-34 / 40 ft	2	green	0.08	1100	1228	---	1.59	<1.0	<1.0	1.22	11,700
I	B1WHN1	DUPLICATE SAMPLE ANALYSIS CPT-30 / 48 ft	2	blue	-0.02	0919	1200	---	1.30	<1.0	<1.0	2.71	8,800
---	B1WHN2	BLANK	---	---	---	---	1136	---	<1.0	<1.0	<1.0	<1.0	3,080
---	B1WHN3	BLANK	---	---	---	---	1232	---	<1.0	<1.0	<1.0	<1.0	4,100
---	---	200 ppmv CCl4 Standard	---	---	---	---	1237	189	---	---	---	---	4,020

Comments: (1) CPT-9A tubing - all three locations- were cut off by constuction workers. Rich Mahood checked the depths of the three tubes in situ and was able to confirm the 60 foot (blue) depth tube. This tube was remarked and sampled as usual. The other two depths - yellow/70 ft and red/91 ft were not able to be identified. One tube was checked to a depth of 50 feet (color coded black for now) and the other to a depth of 64 feet (color coded green for now). These two tubes are being sampled in the hope that the results might help identify which depths they represent. Data is given above for the two points as measured. (2) Drilling was taking place at the entrance to the Z1-A crib. Vehicles were unable to pass the drill rig in order to get a differential pressure reading. We continued on foot to the two well locations and took samples as usual.

Note: Weather: 53 to 60° F, with light winds (6 mph, changing from N to NNE to S during sampling), skies had a few high thin clouds throughout sampling.

July 2008 - September 2008 Passive Monitoring Data Collection Form (SAF F02-010)

DATE: 09-24-2008 (Monitoring for September 2008)

SAMPLERS NAME(S): D. Bates, J. Smith

B&K SERIAL NUMBER: 1715232

ANALYZERS NAME: K. Royal

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.3 ppmv at 1019 (time) - 85.3%.

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.3 ppmv at 1113 (time) - 85.3%.

Well Location (I - inside barrier, O - outside barrier)	HEIS Number	Location (Well or Probe)/feet bgs	Sampling Time	Analysis Time	Carbon Tetrachloride (ppmv)		Chloroform (ppmv)	MEK (ppmv)	Methylene Chloride (ppmv)	Water Vapor (ppmv)
					"A"	"B"				
I	B1WHN4	W18-7 (U)	0835	1023	---	2.53	<1.0	<1.0	<1.0	6,800
I	B1WHN5	W18-7 (D) (1)	0838	1025	---	1.21	<1.0	<1.0	<1.0	7,490
				1057	---	1.24	<1.0	<1.0	<1.0	7,620
I	B1WHN6	W18-6L (U)	0848	1027	---	<1.0	<1.0	<1.0	<1.0	10,300
I	B1WHN7	W18-6L (D) (1)	0851	1029	---	1.34	<1.0	<1.0	<1.0	7,830
				1059	---	1.32	<1.0	<1.0	<1.0	7,630
I	B1WHN8	W18-246L (U)	0855	1031	---	<1.0	<1.0	<1.0	<1.0	10,600
I	B1WHN9	W18-246L (D) (1)	0900	1035	---	<1.0	<1.0	<1.0	<1.0	7,740
				1101	---	<1.0	<1.0	<1.0	<1.0	7,510
I	B1WHP0	W18-252L (U)	907	1037	---	11.6	<1.0	<1.0	1.16	10,600
I	B1WHP1	W18-252L (D) (1)	909	1039	---	<1.0	<1.0	<1.0	<1.0	8,000
				1103	---	<1.0	<1.0	<1.0	1.09	7,680
O	B1WHP2	W18-12L (U)	0927	1041	---	<1.0	<1.0	<1.0	<1.0	9,640
O	B1WHP3	W18-12L (D) (1)	0930	1043	---	<1.0	<1.0	<1.0	<1.0	9,090
				1105	---	<1.0	<1.0	<1.0	<1.0	8,560
O	B1WHP4	W18-11L (U)	0935	1045	---	<1.0	<1.0	<1.0	<1.0	9,560
O	B1WHP5	W18-11L (D) (1)	0937	1047	---	<1.0	<1.0	<1.0	1.02	8,200
				1107	---	<1.0	<1.0	<1.0	<1.0	7,930
O	B1WHP6	W18-10 (U)	0942	1049	---	4.40	<1.0	<1.0	<1.0	12,500
O	B1WHP7	W18-10 (D) (1)	0944	1051	---	<1.0	<1.0	<1.0	<1.0	8,770
				1109	---	<1.0	<1.0	<1.0	<1.0	8,280
O	B1WHP8	W18-247L (U)	0949	1053	---	2.48	<1.0	<1.0	<1.0	8,290
O	B1WHP9	W18-247L (D) (1)	0952	1055	---	<1.0	<1.0	<1.0	<1.0	9,880
				1111	---	<1.0	<1.0	<1.0	<1.0	9,450
I	B1WHR0	DUPLICATE SAMPLE ANALYSIS W18-246L (U) (2)	0857	1033	---	<1.0	<1.0	<1.0	<1.0	10,800
—	B1WHR1	BLANK	---	1021	---	<1.0	<1.0	<1.0	<1.0	6,070
—	B1WHR2	BLANK	---	1115	---	<1.0	<1.0	<1.0	<1.0	6,480

Notes: (1) Downstream samples were run in duplicate to confirm if breakthrough had occurred. ***Record first set of numbers for each downstream sample in HEIS***. (2) One upstream sample was run as a duplicate. (3) All upstream and downstream sample points were sealed/closed at the completion of sampling, so none of the points are open to the atmosphere.

Weather: **61** to **62° F**, with light winds (5 to 8 mph over sampling period, changing from NW to WNW during sampling), skies were mostly cloudy throughout sampling.

00000003

October 2008 to March 2009 Soil Gas Monitoring Data Collection Form (SAF F02-010)

DATE: 10-22-2008 --- ***Monitoring for October 2008***

SAMPLERS NAME(S): S. Rust, E. Kauer

B&K SERIAL NUMBER: 1715232

AMBIENT PRESSURE: 0.01in. w.c. at 0937 (time)

ANALYZERS NAME(S): K. Royal

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 22.1 ppmv at 1403 (time) 88.5%

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 22.2 ppmv at 1505 (time) 88.9%

Well Location (I - inside barrier, O - outside barrier)	HEIS NUMBERS	Location (Well or Probe) / feet bgs	Zone	Color Code	Differential Pressure (inches w.c.)	Sampling Time	Analysis Time	Carbon Tetrachloride (ppmv) "A"	Carbon Tetrachloride (ppmv) "B"	Chloroform (ppmv)	MEK (ppmv)	Methylene Chloride (ppmv)	Water Vapor (ppmv)
I	B1XRH7	CPT-9A / 60 ft (1)	2	blue	-0.03	0942	1407	---	7.50	<1.0	<1.0	<1.0	5,870
I	B1XRH8	CPT-9A / 50 ft (1)	2	black	-0.22	0945	1409	---	39.7	<1.0	<1.0	3.79	6,460
I	B1XRH9	CPT-9A / 64 ft (1)	2	green	-0.11	0947	1411	---	23.8	<1.0	<1.0	2.27	6,540
I	B1XRJ0	CPT-7A / 32 ft	2	yellow	0.00	0957	1413	---	1.53	<1.0	<1.0	<1.0	6,560
I	B1XRJ1	C3872 / 63 ft	2	---	-0.08	1003	1415	---	3.81	<1.0	<1.0	1.29	6,750
I	B1XRJ2	W18-248 / 131 ft	3	---	-0.41	1009	1417	---	3.85	<1.0	<1.0	<1.0	6,300
I	B1XRJ3	W18-165 / 109 ft	2	---	-0.08	1019	1419	---	63.1	<1.0	1.07	6.61	7,040
I	B1XRJ4	W18-167 / 106 ft	3	---	0.01	1025	1421	186	---	<1.0	1.24	5.48	7,160
I	B1XRJ5	CPT-32 / 25 ft	2	green	0.03	1031	1423	---	3.24	<1.0	<1.0	<1.0	7,410
I	B1XRJ6	CPT-30 / 48 ft	2	blue	0.06	1038	1427	---	2.01	<1.0	<1.0	2.03	7,370
I	B1XRJ7	CPT-1A / 35 ft	2	black	0.08	1044	1429	---	8.39	<1.0	<1.0	1.29	7,550
I	B1XRJ8	W18-152 / 101 ft	2	---	0.17	1050	1431	---	11.4	<1.0	<1.0	1.67	7,520
O	B1XRJ9	CPT-16 / 25 ft	2	blue	0.05	1103	1433	---	<1.0	<1.0	<1.0	<1.0	7,800
O	B1XRK0	299-W15-95L / 144 ft	2,3	---	-2.33	1126	1435	---	11.9	<1.0	<1.0	5.39	7,770
O	B1XRK1	299-W15-9L / 176 ft	6	---	Sample not collected - See Note (3) below.								
O	B1XRK2	299-W15-82 / 83 ft	2	---	Sample not collected - See Note (2) below.								
O	B1XRK3	CPT-27 / 15 ft	2	blue	0.06	1137	1437	---	<1.0	<1.0	<1.0	<1.0	8,070
O	B1XRK4	C4938 (P69C) / 64 ft	?	---	0.02	1145	1439	---	9.77	<1.0	<1.0	4.49	8,830
O	B1XRK5	C4937 (P66D) / 64 ft	?	---	0.08	1152	1441	---	18.5	<1.0	1.07	10.8	8,830
O	B1XRK6	C5340 (P68C) / 64 ft	?	---	0.05	1159	1443	---	1.41	<1.0	<1.0	3.84	9,130
O	B1XRK7	299-W15-8U / 103 ft	?	---	-1.97	1215	1445	---	3.23	<1.0	<1.0	<1.0	8,810
O	B1XRK8	299-W15-8L / 180 ft	?	---	Sample not collected - See Note (2) below.								
O	B1XRK9	CPT-21A / 65 ft	2	green	0.32	1208	1447	--	68.9	<1.0	<1.0	3.04	8,780
O	B1XRL0	CPT-21A / 86 ft	2	red	0.46	1210	1449	179	---	<1.0	1.11	3.88	8,810
O	B1XRL1	CPT-17 /10 ft	2	blue	0.05	1221	1451	---	1.60	<1.0	<1.0	<1.0	9,200
O	B1XRL2	299-W15-217 / 114 ft	3	---	0.08	1232	1453	---	49.8	<1.0	<1.0	2.93	9,120
O	B1XRL3	CPT-18 / 35 ft	2	blue	0.09	1237	1455	---	1.24	<1.0	<1.0	<1.0	9,490
O	B1XRL4	CPT-28 / 87 ft	2	red	0.64	1242	1457	218	---	<1.0	1.24	3.03	9,820
O	B1XRL5	CPT-13A / 30 ft	2	blue	0.12	1248	1459	---	3.04	<1.0	<1.0	<1.0	9,890
O	B1XRL6	W18-249 / 130 ft	3	---	0.63	1257	1501	---	7.29	<1.0	<1.0	1.81	9,930
I	B1XRL7	DUPLICATE SAMPLE ANALYSIS CPT-32 / 25 ft	2	green	0.03	1033	1425	---	1.93	<1.0	<1.0	<1.0	7,260
---	B1XRL8	BLANK	---	---	---	---	1405	---	<1.0	<1.0	<1.0	<1.0	1,970
---	B1XRL9	BLANK	---	---	---	---	1503	---	<1.0	<1.0	<1.0	<1.0	4,390
---	---	200 ppmv CCl4 Standard	---	---	---	---	1511	207	---	---	---	---	---

Comments: (1) CPT-9A tubing - all three locations- were cut off by construction workers. Rich Mahood checked the depths of the three tubes in situ and was able to confirm the 60 foot (blue) depth tube. This tube was remarked and sampled as usual. The other two depths - yellow/70 ft and red/91 ft were not able to be identified. One tube was checked to a depth of 50 feet (color coded black for now) and the other to a depth of 64 feet (color coded green for now). These two tubes are being sampled in the hope that the results might help identify which depths they represent. Data is given above for the two points as measured. (2) Tubing was missing from these wells; tubing was not reinstalled and no sample was collected at this time. (3) During the attempt to reinstall tubing for 299-W15-9L, the tubing became lodged in the well. Well maintenance has been notified and will remove tubing as soon as possible.

Note: Weather 42 to 55° F, with light winds (5 mph, changing from SE to NW to NNW to N during sampling), Skies were clear throughout sampling.

October 2008 - March 2009 Passive Monitoring Data Collection Form (SAF F02-010)

DATE: 10-23-2008 (Monitoring for October 2008)

SAMPLERS NAME(S): E. Kauer, R. Crow

B&K SERIAL NUMBER: 1715232

ANALYZERS NAME: Kim Royal

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.4 ppmv at 0953 (time) - 85.7 %.

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.7 ppmv at 1049 (time) - 86.9 %.

Well Location (I - inside barrier, O - outside barrier)	HEIS Number	Location (Well or Probe)/feet bgs	Sampling Time	Analysis Time	Carbon Tetrachloride (ppmv) "A"	Carbon Tetrachloride (ppmv) "B"	Chloroform (ppmv)	MEK (ppmv)	Methylene Chloride (ppmv)	Water Vapor (ppmv)
I	B1XRM0	W18-7 (U)	0810	0957	---	4.44	<1.0	<1.0	<1.0	6,880
I	B1XRM1	W18-7 (D) (1)	0814	0959	---	<1.0	<1.0	<1.0	<1.0	6,140
				1031	---	<1.0	<1.0	<1.0	<1.0	5,950
I	B1XRM2	W18-6L (U)	0820	1001	---	<1.0	<1.0	<1.0	<1.0	7,560
I	B1XRM3	W18-6L (D) (1)	0826	1003	---	<1.0	<1.0	<1.0	<1.0	5,660
				1033	---	<1.0	<1.0	<1.0	<1.0	5,540
I	B1XRM4	W18-246L (U)	0830	1005	---	2.91	<1.0	<1.0	<1.0	6,960
I	B1XRM5	W18-246L (D) (1)	0833	1007	---	<1.0	<1.0	<1.0	<1.0	6,200
				1035	---	<1.0	<1.0	<1.0	<1.0	5,950
I	B1XRM6	W18-252L (U)	0840	1009	---	12.1	<1.0	<1.0	<1.0	7,340
I	B1XRM7	W18-252L (D) (1)	0843	1011	---	<1.0	<1.0	<1.0	<1.0	7,320
				1037	---	<1.0	<1.0	<1.0	<1.0	6,780
O	B1XRM8	W18-12L (U)	0905	1013	---	1.17	<1.0	<1.0	<1.0	9,350
O	B1XRM9	W18-12L (D) (1)	0907	1015	---	<1.0	<1.0	<1.0	<1.0	7,910
				1039	---	<1.0	<1.0	<1.0	<1.0	7,220
O	B1XRN0	W18-11L (U)	0912	1017	---	2.13	<1.0	<1.0	<1.0	7,740
O	B1XRN1	W18-11L (D) (1)	0915	1019	---	<1.0	<1.0	<1.0	<1.0	5,700
				1041	---	<1.0	<1.0	<1.0	<1.0	5,590
O	B1XRN2	W18-10 (U)	0920	1021	---	8.56	<1.0	<1.0	<1.0	8,050
O	B1XRN3	W18-10 (D) (1)	0922	1023	---	<1.0	<1.0	<1.0	<1.0	7,760
				1043	---	<1.0	<1.0	<1.0	<1.0	7,160
O	B1XRN4	W18-247L (U)	0928	1025	---	5.82	<1.0	<1.0	<1.0	7,830
O	B1XRN5	W18-247L (D) (1)	0932	1029	---	<1.0	<1.0	<1.0	<1.0	6,290
				1045	---	<1.0	<1.0	<1.0	<1.0	6,130
O	B1XRN6	DUPLICATE SAMPLE ANALYSIS W18-247L (U) (2)	0930	1027	---	6.07	<1.0	<1.0	<1.0	7,710
---	B1XRN7	BLANK	---	0955	---	<1.0	<1.0	<1.0	<1.0	4,820
---	B1XRN8	BLANK	---	1047	---	<1.0	<1.0	<1.0	<1.0	5,060

Notes: (1) Downstream samples were run in duplicate to confirm if breakthrough had occurred. ***Record first set of numbers for each downstream sample in HEIS***. (2) One upstream sample was run as a duplicate. (3) All upstream and downstream sample points were sealed/closed at the completion of sampling, so none of the points are open to the atmosphere.

Weather: 33 to 39° F, with light winds (3 mph over sampling period, changing from SSE to ENE during sampling), skies were mostly cloudy throughout sampling.

00000005

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200-ZP-2 Rebound TMJohansen / GS / MJohansen

Tamara Johansen 9/29/08

July 2008 to September 2008 Soil Gas Monitoring Data Collection Form (SAF F02-010)

DATE: 09-23-2008 --- *Monitoring for September 2008*

SAMPLERS NAME(S): D. Bates, J. Pope

B&K SERIAL NUMBER: 1715232 AMBIENT PRESSURE: 0.01 in. w.c. at 0810 (time)

ANALYZERS NAME(S): K. Royal

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.7 ppmv at 1134 (time). 86.9%

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.7ppmv at 1230 (time). 86.9%

Well Location (I - inside barrier, O - outside barrier)	HEIS NUMBERS	Location (Well or Probe) / feet bgs	Zone	Color Code	Differential Pressure (inches w.c.)	Sampling Time	Analysis Time	Carbon Tetrachloride (ppmv) "A"	Carbon Tetrachloride (ppmv) "B"	Chloroform (ppmv)	MEK (ppmv)	Methylene Chloride (ppmv)	Water Vapor (ppmv)
I	B1WHK7	CPT-9A / 60 ft (1)	2	blue	-0.07	0814	1138	---	9.03	<1.0	<1.0	1.14	7,240
I	B1WHK8	CPT-9A / 50 ft (1)	2	black	-0.59	0817	1140	---	42.3	<1.0	<1.0	3.94	7,830
I	B1WHK9	CPT-9A / 64 ft (1)	2	green	-0.37	0820	1142	---	29.8	<1.0	<1.0	3.14	7,860
I	B1WHL0	CPT-7A / 32 ft	2	yellow	-0.06	0828	1144	---	1.85	<1.0	<1.0	<1.0	8,020
I	B1WHL1	C3872 / 62.5 ft	2	---	-0.30	0839	1146	---	2.54	<1.0	<1.0	1.44	8,120
I	B1WHL2	W18-248 / 131 ft	3	---	-0.74	0847	1148	---	1.48	<1.0	<1.0	<1.0	7,520
I	B1WHL3	W18-165 / 109 ft	2	---	(2)	0857	1150	---	60.9	<1.0	1.11	6.68	8,360
I	B1WHL4	W18-167 / 108 ft	3	---	(2)	0901	1152	196	---	<1.0	1.28	6.39	8,530
I	B1WHL5	CPT-32 / 25 ft	2	green	-0.02	0908	1154	---	3.58	<1.0	<1.0	<1.0	8,680
I	B1WHL6	CPT-32 / 70 ft	2	red	-0.22	0910	1156	---	7.50	<1.0	<1.0	1.82	8,750
I	B1WHL7	CPT-30 / 48 ft	2	blue	-0.02	0917	1158	---	1.68	<1.0	<1.0	2.25	8,900
I	B1WHL8	CPT-4F / 109 ft	2	red	-0.36	0937	1202	---	5.71	<1.0	<1.0	1.72	9,240
I	B1WHL9	CPT-4E / 25 ft	2	white	0.02	0944	1204	---	1.11	<1.0	<1.0	<1.0	9,690
I	B1WHM0	CPT-1A / 35 ft	2	black	0.00	(1) 0953	1206	---	6.50	<1.0	<1.0	1.29	8,790
I	B1WHM1	CPT-1A / 68 ft	2	yellow	0.01	0956	1208	---	12.2	1.18	<1.0	2.08	10,100
I	B1WHM2	W18-152 / 101 ft	2	---	-0.34	1002	1210	---	11.3	<1.0	<1.0	2.36	9,910
O	B1WHM3	CPT-21A / 65 ft	2	green	-0.51	1019	1214	---	70.9	<1.0	<1.0	2.80	10,300
O	B1WHM4	CPT-21A / 86 ft	2	red	-0.39	1021	1216	168	---	<1.0	1.14	3.75	10,400
O	B1WHM5	CPT-28 / 40 ft	2	blue	0.03	1031	1218	---	4.82	<1.0	<1.0	<1.0	11,300
O	B1WHM6	CPT-28/ 87 ft	2	red	-0.29	1034	1220	204	---	<1.0	1.26	3.75	11,500
O	B1WHM7	CPT-13A / 30 ft	2	blue	0.06	1042	1222	---	4.42	<1.0	<1.0	<1.0	11,400
O	B1WHM8	W18-249 / 130 ft	3	---	-0.13	1050	1224	---	10.8	<1.0	<1.0	1.87	12,200
O	B1WHM9	CPT-33 / 40 ft	2	green	0.08	1055	1226	---	1.78	<1.0	<1.0	1.62	12,400
O	B1WHN0	CPT-34 / 40 ft	2	green	0.08	1100	1228	---	1.59	<1.0	<1.0	1.22	11,700
I	B1WHN1	DUPLICATE SAMPLE ANALYSIS CPT-30 / 48 ft	2	blue	-0.02	0919	1200	---	1.30	<1.0	<1.0	2.71	8,800
---	B1WHN2	BLANK	---	---	---	---	1136	---	<1.0	<1.0	<1.0	<1.0	3,080
---	B1WHN3	BLANK	---	---	---	---	1232	---	<1.0	<1.0	<1.0	<1.0	4,100
---	---	200 ppmv CCl4 Standard	---	---	---	---	1237	189	---	---	---	---	4,020

Comments: (1) CPT-9A tubing - all three locations- were cut off by constuction workers. Rich Mahood checked the depths of the three tubes in situ and was able to confirm the 60 foot (blue) depth tube. This tube was remarked and sampled as usual. The other two depths - yellow/70 ft and red/91 ft were not able to be identified. One tube was checked to a depth of 50 feet (color coded black for now) and the other to a depth of 64 feet (color coded green for now). These two tubes are being sampled in the hope that the results might help identify which depths they represent. Data is given above for the two points as measured. (2) Drilling was taking place at the entrance to the Z1-A crib. Vehicles were unable to pass the drill rig in order to get a differential pressure reading. We continued on foot to the two well locations and took samples as usual.

Note: Weather: 53 to 60° F, with light winds (6 mph, changing from N to NNE to S during sampling), skies had a few high thin clouds throughout sampling.

00000006

TMJohansen / 9/29/08 (1) TMJ 9-29-08

MJohansen

Reviewed NOV 06 2008

By: M.A. Baechler

M.A. Baechler

200-ZP-2 Passive TM Johansen / GS / TM Johansen

Tamara Johansen 9/29/08

July 2008 - September 2008 Passive Monitoring Data Collection Form (SAF F02-010)

DATE: 09-24-2008 (Monitoring for September 2008)

B&K SERIAL NUMBER: 1715232

SAMPLERS NAME(S): D. Bates, J. Smith

ANALYZERS NAME: K. Royal

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.3 ppmv at 1019 (time) - 85.3%.

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.3 ppmv at 1113 (time) - 85.3%.

Well Location (I - inside barrier, O - outside barrier)	HEIS Number	Location (Well or Probe)/feet bgs	Sampling Time	Analysis Time	Carbon Tetrachloride (ppmv)		Chloroform (ppmv)	MEK (ppmv)	Methylene Chloride (ppmv)	Water Vapor (ppmv)
					"A"	"B"				
I	B1WHN4	W18-7 (U)	0835	1023	---	2.53	<1.0	<1.0	<1.0	6,800
I	B1WHN5	W18-7 (D) (1)	0838	1025	---	1.21	<1.0	<1.0	<1.0	7,490
				1057	---	1.24	<1.0	<1.0	<1.0	7,620
I	B1WHN6	W18-6L (U)	0848	1027	---	<1.0	<1.0	<1.0	<1.0	10,300
I	B1WHN7	W18-6L (D) (1)	0851	1029	---	1.34	<1.0	<1.0	<1.0	7,830
				1059	---	1.32	<1.0	<1.0	<1.0	7,630
I	B1WHN8	W18-246L (U)	0855	1031	---	<1.0	<1.0	<1.0	<1.0	10,600
I	B1WHN9	W18-246L (D) (1)	0900	1035	---	<1.0	<1.0	<1.0	<1.0	7,740
				1101	---	<1.0	<1.0	<1.0	<1.0	7,510
I	B1WHP0	W18-252L (U)	0907	1037	---	11.6	<1.0	<1.0	1.16	10,600
I	B1WHP1	W18-252L (D) (1)	0909	1039	---	<1.0	<1.0	<1.0	<1.0	8,000
				1103	---	<1.0	<1.0	<1.0	1.09	7,680
O	B1WHP2	W18-12L (U)	0927	1041	---	<1.0	<1.0	<1.0	<1.0	9,640
O	B1WHP3	W18-12L (D) (1)	0930	1043	---	<1.0	<1.0	<1.0	<1.0	9,090
				1105	---	<1.0	<1.0	<1.0	<1.0	8,560
O	B1WHP4	W18-11L (U)	0935	1045	---	<1.0	<1.0	<1.0	<1.0	9,560
O	B1WHP5	W18-11L (D) (1)	0937	1047	---	<1.0	<1.0	<1.0	1.02	8,200
				1107	---	<1.0	<1.0	<1.0	<1.0	7,930
O	B1WHP6	W18-10 (U)	0942	1049	---	4.40	<1.0	<1.0	<1.0	12,500
O	B1WHP7	W18-10 (D) (1)	0944	1051	---	<1.0	<1.0	<1.0	<1.0	8,770
				1109	---	<1.0	<1.0	<1.0	<1.0	8,280
O	B1WHP8	W18-247L (U)	0949	1053	---	2.48	<1.0	<1.0	<1.0	8,290
O	B1WHP9	W18-247L (D) (1)	0952	1055	---	<1.0	<1.0	<1.0	<1.0	9,880
				1111	---	<1.0	<1.0	<1.0	<1.0	9,450
I		DUPLICATE SAMPLE ANALYSIS								
	B1WHR0	W18-246L (U) (2)	0857	1033	---	<1.0	<1.0	<1.0	<1.0	10,800
---	B1WHR1	BLANK	---	1021	---	<1.0	<1.0	<1.0	<1.0	6,070
---	B1WHR2	BLANK	---	1115	---	<1.0	<1.0	<1.0	<1.0	6,480

Notes: (1) Downstream samples were run in duplicate to confirm if breakthrough had occurred. ***Record first set of numbers for each downstream sample in HEIS***. (2) One upstream sample was run as a duplicate. (3) All upstream and downstream sample points were sealed/closed at the completion of sampling, so none of the points are open to the atmosphere.

Weather: **61** to **62° F**, with light winds (5 to 8 mph over sampling period, changing from NW to WNW during sampling), skies were mostly cloudy throughout sampling.

TM Johansen / TM Johansen
9/29/08

Reviewed
By: M.A. Baechler

NOV 06 2008

M. A. Baechler

66

200-ZP-2 Rebound TMJohansen/GS/TMJohansen

October 2008 to March 2009 Soil Gas Monitoring Data Collection Form (SAF F02-010)

DATE: 10-22-2008 — *Monitoring for October 2008*

SAMPLERS NAME(S): S. Rust, E. Kauer

B&K SERIAL NUMBER: 1715232 AMBIENT PRESSURE: 0.01in. w.c. at 0937 (time)

ANALYZERS NAME(S): K. Royal

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 22.1 ppmv at 1403 (time) 88.5%

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 22.2 ppmv at 1505 (time) 88.9%

Well Location (I - inside barrier, O - outside barrier)	HEIS NUMBERS	Location (Well or Probe) / feet bgs	Zone	Color Code	Differential Pressure (inches w.c.)	Sampling Time	Analysis Time	Carbon Tetrachloride (ppmv) "A"	Carbon Tetrachloride (ppmv) "B"	Chloroform (ppmv)	MEK (ppmv)	Methylene Chloride (ppmv)	Water Vapor (ppmv)
I	B1XRH7	CPT-9A / 60 ft (1)	2	blue	-0.03	0942	1407	—	7.50	<1.0	<1.0	<1.0	5,870
I	B1XRH8	CPT-9A / 50 ft (1)	2	black	-0.22	0945	1409	—	39.7	<1.0	<1.0	3.79	6,460
I	B1XRH9	CPT-9A / 64 ft (1)	2	green	-0.11	0947	1411	—	23.8	<1.0	<1.0	2.27	6,540
I	B1XRJ0	CPT-7A / 32 ft	2	yellow	0.00	0957	1413	—	1.53	<1.0	<1.0	<1.0	6,560
I	B1XRJ1	C3872 / 63 ft	2	—	-0.08	1003	1415	—	3.81	<1.0	<1.0	1.29	6,750
I	B1XRJ2	W18-248 / 131 ft	3	—	-0.41	1009	1417	—	3.85	<1.0	<1.0	<1.0	6,300
I	B1XRJ3	W18-165 / 109 ft	2	—	-0.08	1019	1419	—	63.1	<1.0	1.07	6.61	7,040
I	B1XRJ4	W18-167 / 106 ft	3	—	0.01	1025	1421	186	—	<1.0	1.24	5.48	7,160
I	B1XRJ5	CPT-32 / 25 ft	2	green	0.03	1031	1423	—	3.24	<1.0	<1.0	<1.0	7,410
I	B1XRJ6	CPT-30 / 48 ft	2	blue	0.06	1038	1427	—	2.01	<1.0	<1.0	2.03	7,370
I	B1XRJ7	CPT-1A / 35 ft	2	black	0.08	1044	1429	—	8.39	<1.0	<1.0	1.29	7,550
I	B1XRJ8	W18-152 / 101 ft	2	—	0.17	1050	1431	—	11.4	<1.0	<1.0	1.67	7,520
O	B1XRJ9	CPT-16 / 25 ft	2	blue	0.05	1103	1433	—	<1.0	<1.0	<1.0	<1.0	7,800
O	B1XRK0	299-W15-95L / 144 ft	2,3	—	-2.33	1126	1435	—	11.9	<1.0	<1.0	5.39	7,770
O	B1XRK1	299-W15-9L / 176 ft	6	—	Sample not collected - See Note (3) below.								
O	B1XRK2	299-W15-82 / 83 ft	2	—	Sample not collected - See Note (2) below.								
O	B1XRK3	CPT-27 / 15 ft	2	blue	0.06	1137	1437	—	<1.0	<1.0	<1.0	<1.0	8,070
O	B1XRK4	C4938 (P69C) / 64 ft	?	—	0.02	1145	1439	—	9.77	<1.0	<1.0	4.49	8,830
O	B1XRK5	C4937 (P66D) / 64 ft	?	—	0.08	1152	1441	—	18.5	<1.0	1.07	10.8	8,830
O	B1XRK6	C5340 (P68C) / 64 ft	?	—	0.05	1159	1443	—	1.41	<1.0	<1.0	3.84	9,130
O	B1XRK7	299-W15-8U / 103 ft	?	—	-1.97	1215	1445	—	3.23	<1.0	<1.0	<1.0	8,810
O	B1XRK8	299-W15-8L / 180 ft	?	—	Sample not collected - See Note (2) below.								
O	B1XRK9	CPT-21A / 65 ft	2	green	0.32	1208	1447	—	68.9	<1.0	<1.0	3.04	8,780
O	B1XRL0	CPT-21A / 86 ft	2	red	0.46	1210	1449	179	—	<1.0	1.11	3.88	8,810
O	B1XRL1	CPT-17 /10 ft	2	blue	0.05	1221	1451	—	1.60	<1.0	<1.0	<1.0	9,200
O	B1XRL2	299-W15-217 / 114 ft	3	—	0.08	1232	1453	—	49.8	<1.0	<1.0	2.93	9,120
O	B1XRL3	CPT-18 / 35 ft	2	blue	0.09	1237	1455	—	1.24	<1.0	<1.0	<1.0	9,490
O	B1XRL4	CPT-28 / 87 ft	2	red	0.64	1242	1457	218	—	<1.0	1.24	3.03	9,820
O	B1XRL5	CPT-13A / 30 ft	2	blue	0.12	1248	1459	—	3.04	<1.0	<1.0	<1.0	9,890
O	B1XRL6	W18-249 / 130 ft	3	—	0.63	1257	1501	—	7.29	<1.0	<1.0	1.81	9,930
I	B1XRL7	DUPLICATE SAMPLE ANALYSIS CPT-32 / 25 ft	2	green	0.03	1033	1425	—	1.93	<1.0	<1.0	<1.0	7,260
—	B1XRL8	BLANK	—	—	—	—	1405	—	<1.0	<1.0	<1.0	<1.0	1,970
—	B1XRL9	BLANK	—	—	—	—	1503	—	<1.0	<1.0	<1.0	<1.0	4,390
—	—	200 ppmv CCl4 Standard	—	—	—	—	1511	207	—	—	—	—	—

Comments: (1) CPT-9A tubing - all three locations- were cut off by construction workers. Rich Mahood checked the depths of the three tubes in situ and was able to confirm the 60 foot (blue) depth tube. This tube was remarked and sampled as usual. The other two depths - yellow/70 ft and red/91 ft were not able to be identified. One tube was checked to a depth of 50 feet (color coded black for now) and the other to a depth of 64 feet (color coded green for now). These two tubes are being sampled in the hope that the results might help identify which depths they represent. Data is given above for the two points as measured. (2) Tubing was missing from these wells; tubing was not reinstalled and no sample was collected at this time. (3) During the attempt to reinstall tubing for 299-W15-9L, the tubing became lodged in the well. Well maintenance has been notified and will remove tubing as soon as possible.

Note: Weather 42 to 55° F, with light winds (5 mph, changing from SE to NW to NNW to N during sampling), Skies were clear throughout sampling.

M.G. Roehler

NOV 06 2008

Reviewed

TMJohansen / TM Johansen 11/13/2008

200-BP-2 Passive Thabonansen/GS/Jmthansen
Tamara Johnson 10/30/08

October 2008 - March 2009 Passive Monitoring Data Collection Form (SAF F02-010)

DATE: 10-23-2008 (Monitoring for October 2008)

SAMPLERS NAME(S): E. Kauer, R. Crow

B&K SERIAL NUMBER: 1715232

ANALYZERS NAME: Kim Royal

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.4 ppmv at 0953 (time) - 85.7 %.

STANDARD CONCENTRATION of 24.984 ppmv CCl4 analyzed as 21.7 ppmv at 1049 (time) - 86.9 %.

Well Location (I - inside barrier, O - outside barrier)	HEIS Number	Location (Well or Probe)/feet bgs	Sampling Time	Analysis Time	Carbon Tetrachloride (ppmv) "A"	Carbon Tetrachloride (ppmv) "B"	Chloroform (ppmv)	MEK (ppmv)	Methylene Chloride (ppmv)	Water Vapor (ppmv)
I	B1XRM0	W18-7 (U)	0810	0957	---	4.44	<1.0	<1.0	<1.0	6,880
I	B1XRM1	W18-7 (D) (1)	0814	0959	---	<1.0	<1.0	<1.0	<1.0	6,140
				1031	---	<1.0	<1.0	<1.0	<1.0	5,950
I	B1XRM2	W18-6L (U)	0820	1001	---	<1.0	<1.0	<1.0	<1.0	7,560
I	B1XRM3	W18-6L (D) (1)	0826	1003	---	<1.0	<1.0	<1.0	<1.0	5,660
				1033	---	<1.0	<1.0	<1.0	<1.0	5,540
I	B1XRM4	W18-246L (U)	0830	1005	---	2.91	<1.0	<1.0	<1.0	6,960
I	B1XRM5	W18-246L (D) (1)	0833	1007	---	<1.0	<1.0	<1.0	<1.0	6,200
				1035	---	<1.0	<1.0	<1.0	<1.0	5,950
I	B1XRM6	W18-252L (U)	0840	1009	---	12.1	<1.0	<1.0	<1.0	7,340
I	B1XRM7	W18-252L (D) (1)	0843	1011	---	<1.0	<1.0	<1.0	<1.0	7,320
				1037	---	<1.0	<1.0	<1.0	<1.0	6,780
O	B1XRM8	W18-12L (U)	0905	1013	---	1.17	<1.0	<1.0	<1.0	9,350
O	B1XRM9	W18-12L (D) (1)	0907	1015	---	<1.0	<1.0	<1.0	<1.0	7,910
				1039	---	<1.0	<1.0	<1.0	<1.0	7,220
O	B1XRN0	W18-11L (U)	0912	1017	---	2.13	<1.0	<1.0	<1.0	7,740
O	B1XRN1	W18-11L (D) (1)	0915	1019	---	<1.0	<1.0	<1.0	<1.0	5,700
				① 10~~11~~ 41	---	<1.0	<1.0	<1.0	<1.0	5,590
O	B1XRN2	W18-10 (U)	0920	1021	---	8.56	<1.0	<1.0	<1.0	8,050
O	B1XRN3	W18-10 (D) (1)	0922	1023	---	<1.0	<1.0	<1.0	<1.0	7,760
				1043	---	<1.0	<1.0	<1.0	<1.0	7,160
O	B1XRN4	W18-247L (U)	0928	1025	---	5.82	<1.0	<1.0	<1.0	7,830
O	B1XRN5	W18-247L (D) (1)	0932	1029	---	<1.0	<1.0	<1.0	<1.0	6,290
				1045	---	<1.0	<1.0	<1.0	<1.0	6,130
O	B1XRN6	DUPLICATE SAMPLE ANALYSIS W18-247L (U) (2)	0930	1027	---	6.07	<1.0	<1.0	<1.0	7,710
---	B1XRN7	BLANK	---	0955	---	<1.0	<1.0	<1.0	<1.0	4,820
---	B1XRN8	BLANK	---	1047	---	<1.0	<1.0	<1.0	<1.0	5,060

Notes: (1) Downstream samples were run in duplicate to confirm if breakthrough had occurred. ***Record first set of numbers for each downstream sample in HEIS***. (2) One upstream sample was run as a duplicate. (3) All upstream and downstream sample points were sealed/closed at the completion of sampling, so none of the points are open to the atmosphere.

Weather: 33 to 39° F, with light winds (3 mph over sampling period, changing from SSE to ENE during sampling), skies were mostly cloudy throughout sampling.

TMJ 10/30/08

Reviewed NOV 0 6 2008
By: M.A. Baechler ① MAB 11/6/08

Jmthansen/Jmthansen 10/30/08 M.A. Baechler

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F02-010-067

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
POPE / BATES	ROHAY, VJ	373-3803	TRENT, SJ	AIR QUALITY	☐	0 Days / 0 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
200-ZP-2 Rebound-September 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-___-_		122605ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1WHK7	GASEOUS	9-23-08	0814	X
B1WHK8	GASEOUS		0817	X
B1WHK9	GASEOUS		0820	X
B1WHL0	GASEOUS		0828	X
B1WHL1	GASEOUS	9-23-08	0839	X

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J.S. POPE / J.S. Pope	9.23.08 1110	Kim Royal / Kim Royal	9.23.08 1110

SPECIAL INSTRUCTIONS
N/A
(1)VOA B&K Field {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Differential Pressure; Water Vapor;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	used in analysis	Kim Royal / Kim Royal	9/23/08 1300

A-6003-618(01/06)

01000010

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F02-010-067

COLLECTOR PUPE / BATES	**COMPANY CONTACT** ROHAY, VJ	**TELEPHONE NO.** 373-3803	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE	**FIELD**	**DATA TURNAROUND**	
AIR QUALITY ☐	**0 Days / 0 Days**		
SAMPLING LOCATION 200-ZP-2 Rebound-September 2008 Monitoring	**PROJECT DESIGNATION** 200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems		**SAF NO.** F02-010
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-___-_	**ACTUAL SAMPLE DEPTH**	**COA** 122605ES10
METHOD OF SHIPMENT GOVERNMENT VEHICLE			
SHIPPED TO Field Analysis Activities	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1WHL2	GASEOUS	9-23-08	0847	X
B1WHL3	GASEOUS		0857	X
B1WHL4	GASEOUS		0901	X
B1WHL5	GASEOUS		0908	X
B1WHL6	GASEOUS	9-23-08	0910	X

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Pope / J. Pope 9-23-08	1110	Kim Royal / Kim Royal 9-23-08	1110

SPECIAL INSTRUCTIONS
N/A
(1)VOA B&K Field {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Differential Pressure; Water Vapor;

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD** Used in analysis	**DISPOSED BY** Kim Royal / Kim Royal	**DATE/TIME** 9/23/08 1300

A-6003-618(01/06)

00000011

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F02-010-067

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
POPE/BATES	ROHAY, VJ	373-3803	TRENT, SJ			

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY	
200-ZP-2 Rebound-September 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010	☐	0 Days / 0 Days

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-___-_		122605ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1WHL7	GASEOUS	9-23-08	0917	X
B1WHL8	GASEOUS	|	0937	X
B1WHL9	GASEOUS	|	0944	X
B1WHM0	GASEOUS	|	0953	X
B1WHM1	GASEOUS	9-23-08	0956	X

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. POPE / [signature] 9-23-08	1110	Kim Royal [signature] 9.23.08	1110

SPECIAL INSTRUCTIONS
N/A
(1)VOA B&K Field {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Differential Pressure; Water Vapor;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	Used in analysis	Kim Royal / [signature]	9/23/08 1300

A-6003-618(01/06)

00000012

Fluor Hanford Inc. | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | F02-010-067 | PAGE 4 OF 6

COLLECTOR POPE/BATES	**COMPANY CONTACT** ROHAY, VJ	**TELEPHONE NO.** 373-3803	**PROJECT COORDINATOR** TRENT, SJ	**PRICE CODE**	**FIELD**
SAMPLING LOCATION 200-ZP-2 Rebound-September 2008 Monitoring	**PROJECT DESIGNATION** 200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems		**SAF NO.** F02-010	**AIR QUALITY**	☐
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-___-_	**ACTUAL SAMPLE DEPTH**	**COA** 122605ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO Field Analysis Activities	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

DATA TURNAROUND 0 Days / 0 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1WHM2	GASEOUS	9-23-08	1002	X
B1WHM3	GASEOUS		1019	X
B1WHM4	GASEOUS		1021	X
B1WHM5	GASEOUS		1031	X
B1WHM6	GASEOUS	9-23-08	1034	X

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Pope/AS/[illegible] 9-23-08	1110	Kim Royal Kim Royal 9-23-08	1110

SPECIAL INSTRUCTIONS
N/A
(1)VOA B&K Field {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Differential Pressure; Water Vapor;

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD** Used in analysis	**DISPOSED BY** Kim Royal/Kim Royal	**DATE/TIME** 9/23/08 1300

A-6003-618(01/06)

00000013

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F02-010-067

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
POPE/BATES	ROHAY, VJ	373-3803	TRENT, SJ			

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY	
200-ZP-2 Rebound-September 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010	☐	0 Days / 0 Days

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-___-_		122605ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1WHM7	GASEOUS	9-23-08	1042	X
B1WHM8	GASEOUS		1050	X
B1WHM9	GASEOUS		1055	X
B1WHN0	GASEOUS		1100	X
B1WHN1	GASEOUS	9-23-08	0910	X

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J. Pope/[illegible] 9.23.08	1110	Kim Royal [illegible] 9.23.08	1110

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS
N/A
(1)VOA B&K Field {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Differential Pressure; Water Vapor;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	used in analysis	Kim Royal / Kim Royal	9/23/08 1300

A-6003-618(01/06)

00000014

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F02-010-067

COLLECTOR	**COMPANY CONTACT** ROHAY, VJ	**TELEPHONE NO.** 373-3803	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE	**FIELD**	**DATA TURNAROUND**	
SAMPLING LOCATION 200-ZP-2 Rebound-September 2008 Monitoring	**PROJECT DESIGNATION** 200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	**SAF NO.** F02-010	**AIR QUALITY** ☐
0 Days / 0 Days			
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-___-_	**ACTUAL SAMPLE DEPTH**	**COA** 122605ES10
METHOD OF SHIPMENT GOVERNMENT VEHICLE			
SHIPPED TO Field Analysis Activities	**OFFSITE PROPERTY NO.** N/A	**BILL OF LADING/AIR BILL NO.** N/A	

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1WHN2	GASEOUS	N/A	NA	NA
B1WHN3	GASEOUS	NA	NA	NA

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS
N/A
(1)VOA B&K Field {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Differential Pressure; Water Vapor;

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD** Used in analysis	**DISPOSED BY** Kim Royal/Kim Royal	**DATE/TIME** 9/23/08 1300

A-6003-618(01/06)

00000015

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F02-010-068

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
B Bates	ROHAY, VJ	373-3803	TRENT, SJ			

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY	
200-ZP-2 Passive-September 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010	☐	0 Days / 0 Days

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-___-_		122605ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1WHN4	GASEOUS	9-24-8	0835	✓
B1WHN5	GASEOUS	9-24-8	0838	✓
B1WHN6	GASEOUS	9-24-8	0848	✓
B1WHN7	GASEOUS	9-24-8	0851	✓
B1WHN8	GASEOUS	9-24-8	0855	✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D.J. Bates / DJ Bates	9-24-8/1000	Kim Royal / Kim Royal	9-24-8/1000
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS
N/A
(1)VOA B&K Field {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Differential Pressure; Water Vapor;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	used in analysis	Kim Royal / Kim Royal	9/24/08/1130

A-6003-618(01/06)

00000016

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
BATES	ROHAY, VJ	373-3803	TRENT, SJ			

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY	
200-ZP-2 Passive-September 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010	☐	0 Days / 0 Days

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-___-_		122605ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1WHN9	GASEOUS	9-24-8	0900	✓
B1WHP0	GASEOUS	9-24-8	0907	✓
B1WHP1	GASEOUS	9-24-8	0909	✓
B1WHP2	GASEOUS	9-24-8	0927	✓
B1WHP3	GASEOUS	9-24-8	0930	✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D.L. Bates / [signature]	9-24-8/1000	Kim Royal / Kim Royal	9-24-8/1000
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS
N/A
(1)VOA B&K Field {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Differential Pressure; Water Vapor;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	Used in analysis	Kim Royal / Kim Royal	9/24/08 1130

A-6003-618(01/06)

00000017

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F02-010-068

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
BATES	ROHAY, VJ	373-3803	TRENT, SJ			

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY	
200-ZP-2 Passive-September 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010	☐	0 Days / 0 Days

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-___-_		122605ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1WHP4	GASEOUS	9-24-8	0935	✓
B1WHP5	GASEOUS	9-24-8	0937	✓
B1WHP6	GASEOUS	9-24-8	0942	✓
B1WHP7	GASEOUS	9-24-8	0944	✓
B1WHP8	GASEOUS	9-24-8	0949	✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D.L. Bates / [signature]	9-24-08 1000	Kim Royal / Kim Royal	9-24-08 1000

SPECIAL INSTRUCTIONS
N/A
(1)VOA B&K Field {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Differential Pressure; Water Vapor;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	Used in analysis	Kim Royal / Kim Royal	9/24/08 1130

A-6003-618(01/06)

00000018

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F02-010-068

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
Bates	ROHAY, VJ	373-3803	TRENT, SJ	AIR QUALITY	☐	0 Days / 0 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
200-ZP-2 Passive-September 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-___-_		122605ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1WHP9	GASEOUS	9-24-8	0952	✓
B1WHR0	GASEOUS	9-24-8	0857	✓
B1WHR1	GASEOUS	NA	NA	NA
B1WHR2	GASEOUS	NA	NA	NA

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D.L. Bates / D.L. Bates	9-24-08 1000	Kim Royal / Kim Royal	9-24-08 1000

SPECIAL INSTRUCTIONS
N/A
(1)VOA B&K Field {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Differential Pressure; Water Vapor;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	Used in analysis	Kim Royal / Kim Royal	9/24/08 1130

A-6003-618(01/06)

00000019

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F02-010-070	PAGE 1 OF 7

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
Haver	ROHAY, VJ	373-3803	WIDRIG, DL	AIR QUALITY	☐	0 Days / 0 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
200-ZP-2 Rebound-October 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-___-_		300200ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B15CK1 B1XRH7	GASEOUS	10-22-08	0942	✓
B15CK2 B1XRH8	GASEOUS	10-22-08	0945	✓
B15CK3 B1XRH9	GASEOUS	10-22-08	0947	✓
B15CK4 B1XRJ0	GASEOUS	10-22-08	0957	✓
B15CK5 B1XRJ1	GASEOUS	10-22-08	1003	✓

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Ed Kanze / Ed Kanze	10-22-08 1340	Kim Royal Kim Royal	10-22-08 1340

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	Used in analysis	Kim Royal Kim Royal	10/22/08 1530

A-6003-618(01/06)

00000020

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F02-010-070	PAGE 2 OF 7
COLLECTOR Haver	**COMPANY CONTACT** ROHAY, VJ	**TELEPHONE NO.** 373-3803	**PROJECT COORDINATOR** WIDRIG, DL	**PRICE CODE** **FIELD**	**DATA TURNAROUND**
SAMPLING LOCATION 200-ZP-2 Rebound-October 2008 Monitoring	**PROJECT DESIGNATION** 200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems		**SAF NO.** F02-010	**AIR QUALITY** ☐	**0 Days / 0 Days**
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-___-_	**ACTUAL SAMPLE DEPTH**	**COA** 300200ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO Field Analysis Activities	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B15CK6 B1XRJ2	GASEOUS	10-22-08	1009	✓									
B15CK7 B1XRJ3	GASEOUS	10-22-08	1019	✓									
B15CK8 B1XRJ4	GASEOUS	10-22-08	1025	✓									
B15CK9 B1XRJ5	GASEOUS	10-22-08	1031	✓									
B15J69 B1XRJ6	GASEOUS	10-22-08	1038	✓									

MAT 11/5/08

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Ed Kause / [signature]	10-22-08 1340	Kim Royal Kim Royal	10-22-08 1340

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD** Used in analysis	**DISPOSED BY** Kim Royal [signature]	**DATE/TIME** 10/22/08 1530

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00000021

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F02-010-070	PAGE 3 OF 7
COLLECTOR Kaver	**COMPANY CONTACT** ROHAY, VJ	**TELEPHONE NO.** 373-3803	**PROJECT COORDINATOR** WIDRIG, DL	**PRICE CODE** **FIELD**	**DATA TURNAROUND**
SAMPLING LOCATION 200-ZP-2 Rebound-October 2008 Monitoring	**PROJECT DESIGNATION** 200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems		**SAF NO.** F02-010	**AIR QUALITY** ☐	**0 Days / 0 Days**
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-___-_	**ACTUAL SAMPLE DEPTH**	**COA** 300200ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO Field Analysis Activities	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
B15J70 B1XRJ7	GASEOUS	10-22-08	10~~44~~	✓	
B15J71 B1XRJ8	GASEOUS	10-22-08	1050	✓	
B15J72 B1XRJ9	GASEOUS	10-22-08	1103	✓	
B15J73 B1XRK0	GASEOUS	10-22-08	1126	✓	
B15J74 B1XRK1	GASEOUS	~~10-22-08~~ 10-22-08	~~1131~~ 10-22-08	NA	Tubing in wrong place Did not Take sample

MJ 10/15/08

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Ed Kaver / [signature]	10-22-08 1340	Kim Royal Kim Royal	10-22-08 1340

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD used in analysis	DISPOSED BY Kim Royal Kim Royal	DATE/TIME 10/22/08 1530

A-6003-618(01/06)

00000022

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F02-010-070	PAGE 4 OF 7

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
Hauer	ROHAY, VJ	373-3803	WIDRIG, DL	AIR QUALITY	☐	0 Days / 0 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
200-ZP-2 Rebound-October 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-___-_		300200ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None												
TYPE OF CONTAINER	Tedlar Bag												
NO. OF CONTAINER(S)	1												
VOLUME	1L												
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS												

SAMPLE NO.		MATRIX*	SAMPLE DATE	SAMPLE TIME										
B15J75	B1XRK2	GASEOUS	NA	NA	NA	Did	not	Take	Sample	No	Tubing	in	Well	
B15J76	B1XRK3	GASEOUS	10-22-08	11 37	✓									
B15J77	B1XRK4	GASEOUS	10-22-08	11 45	✓									
B15J78	B1XRK5	GASEOUS	10-22-08	1152	✓									
B15J79	B1XRK6	GASEOUS	10-22-08	1159	✓									

10/22/08

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Ed Kraus / [illegible]	10-22-08 1340	Kim Royal Kim Royal	10-22-08 1340
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	Used in analysis	Kim Royal Kim Royal	10/22/08 1530

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CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F02-010-070	PAGE 5 OF 7

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
Raven	ROHAY, VJ	373-3803	WIDRIG, DL	AIR QUALITY	☐	0 Days / 0 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
200-ZP-2 Rebound-October 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-___-_		300200ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None												
TYPE OF CONTAINER	Tedlar Bag												
NO. OF CONTAINER(S)	1												
VOLUME	1L												
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS												

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME											
B15J80 B1XRK7	GASEOUS	10-22-08	1215	✓										
B15J81 B1XRK8	GASEOUS				DID Not Take Sample									
B15J82 B1XRK9	GASEOUS	10-22-08	1208	✓										
B15J83 B1XRL0	GASEOUS	10-22-08	1210	✓										
B15J84 B1XRL1	GASEOUS	10-22-08	1221	✓										

TMT 11/5/08

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Ed Kaven / [signature]	10-22-08 1340	Kim Royal Kim Royal	10-22-08 1340
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	Used in analysis	Kim Royal Kim Royal	10/22/08 1530

A-6003-618(01/06)

00000024

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F02-010-070	PAGE 6 OF 7
COLLECTOR Ikaver	**COMPANY CONTACT** ROHAY, VJ	**TELEPHONE NO.** 373-3803	**PROJECT COORDINATOR** WIDRIG, DL	**PRICE CODE** FIELD	**DATA TURNAROUND**
SAMPLING LOCATION 200-ZP-2 Rebound-October 2008 Monitoring	**PROJECT DESIGNATION** 200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems		**SAF NO.** F02-010	**AIR QUALITY** ☐	0 Days / 0 Days
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-___-_	**ACTUAL SAMPLE DEPTH**	**COA** 300200ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO Field Analysis Activities	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B15J85 B1XRL2	GASEOUS	10-22-08	1232	✓									
B15J86 B1XRL3	GASEOUS	10-22-08	1237	✓									
B15J87 B1XRL4	GASEOUS	10-22-08	1242	✓									
B15J88 B1XRL5	GASEOUS	10-22-08	1248	✓									
B15J89 B1XRL6	GASEOUS	10-22-08	1257	✓									

TMDW 5/08

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Ed Kaver / [signature] 10-22-08	1340	Kim Royal [signature] 10-22-08	1340

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD Used in analysis	DISPOSED BY Kim Royal [signature]	DATE/TIME 10/22/08 1530

A-6003-618(01/06)

00000025

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F02-010-070	PAGE 7 OF 7
COLLECTOR Haver	**COMPANY CONTACT** ROHAY, VJ	**TELEPHONE NO.** 373-3803	**PROJECT COORDINATOR** WIDRIG, DL	**PRICE CODE** FIELD	**DATA TURNAROUND**
SAMPLING LOCATION 200-ZP-2 Rebound-October 2008 Monitoring	**PROJECT DESIGNATION** 200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems		**SAF NO.** F02-010	**AIR QUALITY** ☐	0 Days / 0 Days
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-___-_	**ACTUAL SAMPLE DEPTH**	**COA** 300200ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO Field Analysis Activities	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B15J90 B1XBL7	GASEOUS	10-22-08	1033	✓
B15J91 B1XRL8	GASEOUS	NA	NA	NA
B15J92 B1XRL9	GASEOUS	NA	NA	NA

These samples are created by the analyst at time of sampling

MAY 15/08

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Ed Kause / [signature] 10-22-08	1340		10-22-08 1340

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD used in analysis	DISPOSED BY Kim Rogal [signature]	DATE/TIME 10/22/08 1530

A-6003-618(01/06)

00000026

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F02-010-069	PAGE 1 OF 4

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	FIELD	DATA TURNAROUND
KAUER, CROW	ROHAY, VJ	373-3803	WIDRIG, DL	AIR QUALITY	☐	0 Days / 0 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
200-ZP-2 Passive-October 2008 Monitoring	200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems	F02-010

ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA	METHOD OF SHIPMENT
N/A	HNF-N-491-1 PG6		300200ES10	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Field Analysis Activities	N/A	N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.		MATRIX*		SAMPLE DATE	SAMPLE TIME	
B15CL1	B1XRH7	GASEOUS	B1XRM0	10-23-08	08:10	✓
B15CL2	B1XRH8	GASEOUS	B1XRM1	10-23-08	08:14	✓
B15CL3	B1XRH9	GASEOUS	B1XRM2	10-23-08	08:20	✓
B15CL4	B1XRJ0	GASEOUS	B1XRM3	10-23-08	08:26	✓
B15CL5	B1XRJ1	GASEOUS	B1XRM4	10-23-08	0830	✓

MATH 10/23/08

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Ed KAUER, Edward Kauer	10-23-08 0940	Kim Royal Kim Royal	10-23-08 0940

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME

FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME
	used in analysis	Kim Royal Kim Royal	10/23/08 1100

A-6003-618(01/06)

00000027

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F02-010-069	PAGE 2 OF 4
COLLECTOR Kaver, Crow	**COMPANY CONTACT** ROHAY, VJ	**TELEPHONE NO.** 373-3803	**PROJECT COORDINATOR** WIDRIG, DL	**PRICE CODE** FIELD	**DATA TURNAROUND**
SAMPLING LOCATION 200-ZP-2 Passive-October 2008 Monitoring	**PROJECT DESIGNATION** 200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems		**SAF NO.** F02-010	**AIR QUALITY** ☐	0 Days / 0 Days
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-491-1 P96	**ACTUAL SAMPLE DEPTH**	**COA** 300200ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO Field Analysis Activities	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B15CL6 B1XRJ2	GASEOUS B1XRM5	10-23-08	08:33	✓
B15CL7 B1XRJ3	GASEOUS B1XRM6	10-23-08	08:40	✓
B15CL8 B1XRJ4	GASEOUS B1XRM7	10-23-08	08:43	✓
B15CL9 B1XRJ5	GASEOUS B1XRM8	10-23-08	0905	✓
B15CM0 B1XRJ6	GASEOUS B1XRM9	10-23-08	0907	✓

TMT 11/5/08

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Ed Kaver / [signature]	10-23-08 0940	Kim Royal Kim Royal	10-23-08 0940

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD Used in analysis	DISPOSED BY Kim Royal Kim Royal	DATE/TIME 10/23/08 1100

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CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F02-010-069	PAGE 3 OF 4

COLLECTOR Kavery Crow	**COMPANY CONTACT** ROHAY, VJ	**TELEPHONE NO.** 373-3803	**PROJECT COORDINATOR** WIDRIG, DL
SAMPLING LOCATION 200-ZP-2 Passive-October 2008 Monitoring	**PROJECT DESIGNATION** 200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems		**SAF NO.** F02-010
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-491-1 Pg 6	**ACTUAL SAMPLE DEPTH**	**COA** 300200ES10
SHIPPED TO Field Analysis Activities	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

PRICE CODE **FIELD** **DATA TURNAROUND**

AIR QUALITY ☐ **0 Days / 0 Days**

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B15CM1 B1XRJ7	GASEOUS B1XRN0	10-23-08	0912	✓
B15CM2 B1XRJ8	GASEOUS B1XRN1	10-23-08	0915	✓
B15CM3 B1XRJ9	GASEOUS B1XRN2	10-23-08	0920	✓
B15CM4 B1XRK0	GASEOUS B1XRN3	10-23-08	0922	✓
B15CM5 B1XRK1	GASEOUS B1XRN4	10-23-08	0928	✓

MJ 11/5/08

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: Ed Kavery, [signature]	DATE/TIME: 10-23-08 0940	RECEIVED BY/STORED IN: Kim Royal Kim Royal	DATE/TIME: 10-23-08 0940
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME: ~~10-23-08~~
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME: ~~10-23-08~~
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME: ~~10-23-08~~
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME: 10
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD: used in analysis	DISPOSED BY: Kim Royal Kim Royal	DATE/TIME: 10/23/08 1100

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CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F02-010-069	PAGE 4 OF 4
COLLECTOR KAVER, CROW	**COMPANY CONTACT** ROHAY, VJ	**TELEPHONE NO.** 373-3803	**PROJECT COORDINATOR** WIDRIG, DL	**PRICE CODE** FIELD	**DATA TURNAROUND**
SAMPLING LOCATION 200-ZP-2 Passive-October 2008 Monitoring	**PROJECT DESIGNATION** 200-PW-1 Vadose Zone Monitoring During Non-operation of SVE Systems		**SAF NO.** F02-010	**AIR QUALITY** ☐	0 Days / 0 Days
ICE CHEST NO. N/A	**FIELD LOGBOOK NO.** HNF-N-491-1 Pg 6	**ACTUAL SAMPLE DEPTH**	**COA** 300200ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO Field Analysis Activities	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993) N/A

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	None
TYPE OF CONTAINER	Tedlar Bag
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B15CM6 B1XRK2	GASEOUS B1XRN5	10-23-08	0932	✓
B15J66 B1XRK3	GASEOUS B1XRN6	10-23-08	09:30	✓
B15J67 B1XRK4	GASEOUS B1XRN7	NA	NA	NA
B15J68 B1XRK5	GASEOUS B1XRN8	NA	NA	NA

These Samples are created by the analyst at Time of sampling

MJ 11/5/08 MJ 11/5/08

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Ed Kaver, Edward Kaver	10-23-08 0940	Kim Royal Kim Royal	10-23-08 0940

SPECIAL INSTRUCTIONS
N/A
(1)VOLATILE ORGANICS BY FIELD GC {2-Butanone, Carbon tetrachloride, Chloroform, Methylene chloride} Water Vapor; Differential Pressure;

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD Used in analysis	DISPOSED BY Kim Royal Kim Royal	DATE/TIME 10/23/08 1100

A-6003-618(01/06)

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