Appendix C

PetroFLAG Field Sheets

PetroFLAG®

Hydrocarbon Test Kit - Field Data Sheet

Date: 9/11/2005
Operator: Elly Leaverton
Location: SkyKomish

Calibration Time/Date: _____
Calibration Temperature: _____

copied from field book

No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF[1]	RF[2]	Actual (ppm)	Comments
1	S-B12-6-10	1g		1189	10		11,890	
2	13	1g		283	10		2,830	
3	15	10g		17	1.0		17	
4	15-20	1g		58	10		580	
5	20-25	1g		349	10		3,490	
6	25-30	1g		94	10		940	
7	30-33	1g		126	10		1,260	
8	34-35	10g		Ø	1.0		Ø	
9	S-B11-5-10	10g		49	1.0		49	
10	10-15	10g		85	1.0		85	
11	15-20	10g		269	1.0		269	
12	20-25	10g		57	1.0		57	
13	25-27	10g		Ø	1.0		Ø	
14	27-30	10g		Ø	1.0		Ø	
15	LEVS 32-35	10g		119	1.0		119	
16	29-30	1g		701	10.0		7,010	
17	35-40	1g		327	10.0		3,270	
18	55-60	10g		126	1.0		126	
19	50-55	10g		130	1.0		130	
20	42	5g		106	2.0		212	
	45	10g		409	1.0		409	

[1]DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

[2]RF = Response Factor, selected for the hydrocarbon contamination at the site.

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Hydrocarbon Test Kit - Field Data Sheet

Date: 9-12-05
Operator: Elly Leaverton
Location: Skykomish

Calibration Time/Date: 8:20am / 9-12-05
Calibration Temperature: _____

No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF[1]	RF[2]	Actual (ppm)	Comments
1	LEV-4-39-40	10g	9:47	0	1.0		0	
2	LEV4-40-45	10g	9:48	3	1.0		3	
3	LEV4-45-50	10g	9:49	8	1.0		8	
4	LEV4-25-30	1g	10:03	1100	10.0		11,000	
5	LEV4-30-35	10g	10:04	EEEE	1.0		—	
6	LEV4-35-39	1g	10:05	165	10.0		1,650	
7	LEV4-15	5g	10:18	EEEE	2.0		—	
8	LEV4-15	1g	10:30	EEEE	10.0		—	
9	LEV4-30 35	1g	10:31	764	10.0		7,640	
10	RIV 0-1	1g	14:19	570	10.0		5,700	
11	RIV 8 10	10g	14:20	18	1.0		18	
12	RIV3 0-5	1g	16:20	175	10.0		1,750	
13	RIV3 5-10	1g	16:21	488	10.0		4,880	
14	RIV3 15	10g	16:22	44	1.0		44	
15	RIV4 0-4	10g	19:26	201	1.0		201	
16	RIV4 4-10	10g	19:27	143	1.0		143	
17	RIV4 10-15	10g	19:28	144	1.0		144	
18	RIV4 15-16	10g	19:30	139	1.0		139	
19	RIV4 18-20	10g	19:31	0	1.0		0	
20	RIV4 20-23	10g	19:32	0	1.0		0	

[1]DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

[2]RF = Response Factor, selected for the hydrocarbon contamination at the site.

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Hydrocarbon Test Kit - Field Data Sheet

Date: 9-13-05
Operator: Elly Leaverton
Location: Skykomish

Calibration Time/Date: 8:30 / 9/13/05
Calibration Temperature: _____

	No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF[1]	RF[2]	Actual (ppm)	Comments
x	1	RIV5 0-3	10g	1327	6	1.0		6	
	2	RIV5 3-5	5g	1329	45	2.0		90	
	3	RIV5 5-10	10g	1330	182	1.0		182	
	4	RIV5 13-14	10g	1331	42	1.0		42	
	5	RIV5 14-15	10g	1332	15	1.0		15	
x	6	RIV10 10-12	10g	14:40	17	1.0		17	
	7	RIV10 12-14	10g	14:41	35	1.0		35	
	8	RIV10 15-20	10g	14:42	17	1.0		17	
	9	RIV10 20-21	10g	14:43	33	1.0		33	
	10	RIV10 21-25	10g	14:44	16	1.0		16	
x	11	RIV8 0-2	10g	14:45	31	1.0		31	
	12	RIV8 4-6	10g	14:46	12	1.0		12	
	13	RIV8 15	10g	14:47	95	1.0		95	
x	14	RIV6 0-3	10g	15:13	32	1.0		32	
	15	RIV6 3-5	10g	15:14	21	1.0		21	
x	16	RIV7 0-5	10g	15:15	155	1.0		155	
	17	RIV7 5-10	10g	15:16	10	1.0		10	
	18	RIV7 10-13	10g	15:17	72	1.0		72	
	19	RIV7 13-15	10g	15:42	48	1.0		48	
	20								

[1]DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

[2]RF = Response Factor, selected for the hydrocarbon contamination at the site.

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Hydrocarbon Test Kit - Field Data Sheet

Date: 9-13-05
Operator: Elly Leaverton
Location: Skykomish

Calibration Time/Date: 8:30 9-13-05
Calibration Temperature: _____

No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF[1]	RF[2]	Actual (ppm)	Comments
x 1	RIV90-5	10g	1519	0	1.0		0	
2	RIV95-10	10g	1520	38	1.0		38	
3	RIV912-15	10g	1521	18	1.0		18	
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[1]DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

[2]RF = Response Factor, selected for the hydrocarbon contamination at the site.

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Hydrocarbon Test Kit - Field Data Sheet

Date: 9-14-2005
Operator: Elly Leaverton
Location: Skykomish

Calibration Time/Date: 13:21 9-14-05 soil blank
Calibration Temperature: _____

	No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF[1]	RF[2]	Actual (ppm)	Comments
x	1	RIV14-1	10g	1618	109	1.0		109	
	2	RIV14-9	10g	1619	7	1.0		7	
	3	RIV14-15	10g	1620	6	1.0		6	
x	4	RIV18-1	10g	1647	13	1.0		13	
	5	RIV18-10	10g	1648	9	1.0		9	
	6	RIV18-15	10g	1700	61	1.0		61	
x	7	RIV13-3	10g	1638	4	1.0		4	
	8	RIV13-15	10g	1639	1	1.0		1	
x	9	RIV19-1	10g	1718	27	1.0		27	
	10	RIV19-11	10g	1721	66	1.0		66	
	11	RIV19-15	10g	1722	35	1.0		35	
x	12	RIV20-1	10g	1742	79	1.0		79	
	13	RIV20-8	10g	1743	5	1.0		5	
	14	RIV20-15	10g	1744	0	1.0		0	
	15								
	16								
	17								
	18								
	19								
	20								

[1]DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

[2]RF = Response Factor, selected for the hydrocarbon contamination at the site.

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Hydrocarbon Test Kit - Field Data Sheet

Date: 9-14-2005
Operator: Elly Leaverton
Location: Skykomish

Calibration Time/Date: 13:21 9-14-05 soil blank
Calibration Temperature: _____

	No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF[1]	RF[2]	Actual (ppm)	Comments
X	1	RIV15-1	10g	1355	219	1.0		219	
	2	RIV15-6	10g	1356	9	1.0		9	
	3	RIV15-8	10g	1357	0	1.0		0	
	4	RIV15-15	10g	1358	86	1.0		86	
X	5	RIV17-1	10g	1417	7	1.0		7	
	6	RIV17-7	10g	1418	26	1.0		26	
	7	RIV17-15	10g	1419	5	1.0		5	
X	8	RIV16-1	10g	1448	50	1.0		50	
	9	RIV16-9	10g	1449	30	1.0		30	
	10	RIV16-15	10g	1450	12	1.0		12	
X	11	RIV11 5-10	10g	1523	3	1.0		3	
	12	RIV11 10-13	10g	1524	75	1.0		75	
	13	RIV11 13-15	10g	1525	29	1.0		29	
X	14	RIV12-5	10g	1356	10	1.0		10	
	15	RIV12-10	10g	1357	585	1.0		585	
	16	RIV12-14	10g	1358	19	1.0		19	
	17	RIV12-16	10g	1359	0	1.0		0	
	18	RIV12-25	10g	1400	9	1.0		9	
	19								
	20								

[1]DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

[2]RF = Response Factor, selected for the hydrocarbon contamination at the site.

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Hydrocarbon Test Kit - Field Data Sheet

Date: 9-14-2005
Operator: Elly Leaverton
Location: Skykomish

Reagent Calibration Time/Date: 1819 9-14
Calibration Temperature: _____

No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF[1]	RF[2]	Actual (ppm)	Comments
1	LEV6-5	10g	1841	7	1.0		7	
2	LEV6-28	10g	1842	0	1.0		0	
3	LEV6-30	10g	1843	25	1.0		25	
4	LEV6-33	1g	1844	919	10.0		9,190	
5	LEV6-43	10g	1845	12	1.0		12	
6	LEV6-47	10g	1846	57	1.0		57	
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[1]DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

[2]RF = Response Factor, selected for the hydrocarbon contamination at the site.

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Hydrocarbon Test Kit - Field Data Sheet

Date: 9-15-05
Operator: Elly Leaverton
Location: SKykomish

Calibration Time/Date: 9:46 / 9-15-05
Calibration Temperature: 22.2°C

No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF[1]	RF[2]	Actual (ppm)	Comments
1	LEV7-7	10g	9:58	27	1.0		27	
2	LEV7-23	10g	9:59	106	1.0		106	
3	LEV7-33	10g	10:00	52	1.0		52	
4	LEV7-38	10g	10:01	50	1.0		50	
5	LEV7-45	10g	10:47	48	1.0		48	
6	LEV7-47	10g	10:48	29	1.0		29	
7	LEV7-50	10g	10:49	16	1.0		16	
8	LEV8-10	10g	14:51	EEEE	1.0		—	
9	LEV8-12	10g	14:52	47	1.0		47	
10	LEV8-16	1g	14:53	EEEE	10.0		—	
11	LEV8-25	1g	14:54	1,445	10.0		14,450	
12	LEV8-35	1g	14:55	316	10.0		3,160	
13	LEV8-10	1g	15:15	2,132	10.0		21,320	
14	LEV8-43	10g	15:44	77	1.0		77	
15	LEV8-50	10g	15:45	80	1.0		80	
16	LEV9-14	10g	19:04	26	1.0		26	
17	LEV9-23	10g	19:05	1168	1.0		1,168	
18	LEV9-25	10g	19:06	61	1.0		61	
19	LEV9-33	10g	19:07	269	1.0		269	
20	LEV9-41	10g	19:22	342	1.0		342	

[1]DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

[2]RF = Response Factor, selected for the hydrocarbon contamination at the site.

PetroFLAG®

Hydrocarbon Test Kit - Field Data Sheet

Date: 9-15-05
Operator: Elly Leaverton
Location: Skykomish

Calibration Time/Date: 9:46 / 9-15-05
Calibration Temperature: 22.2°C

No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF[1]	RF[2]	Actual (ppm)	Comments
1	LEV9-46	10g	1924	465	1.0		465	
2	LEV9-50	10g	1925	24	1.0		24	
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[1]DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

[2]RF = Response Factor, selected for the hydrocarbon contamination at the site.

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Hydrocarbon Test Kit - Field Data Sheet

Date: 9-16-2005
Operator: Elly Leaverton
Location: Skykomish

Calibration Time/Date: 0820 / 9-16-2005
Calibration Temperature: 17.9°C

No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF[1]	RF[2]	Actual (ppm)	Comments
1	LEV5B-15	10g	9:59	EEEE	1.0		—	
2	LEV5B-20	1g	10:00	EEEE	10.0		—	
3	LEV5B-25	1g	10:01	305	10.0		3,050	
4	LEV5B-30	10g	10:02	150	1.0		150	
5	LEV5B-33	10g	10:03	0	1.0		0	
6	LEV5B-38	10g	10:04	702	1.0		702	
7	LEV5B-43	1g	10:05	673	10.0		6,730	
8	LEV5B-~~52~~46	10g	10:06	1	1.0		1	
9	LEV5B-55	10g	10:07	0	1.0		0	
10	LEV5B-15	1g	10:18	EEEE	10.0		—	
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[1]DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

[2]RF = Response Factor, selected for the hydrocarbon contamination at the site.