08-24-09 KB, JP, BC

0615 meet up at Libby Field Office
0700 decon trailer
0755 arrive @ ABS-02
0800 calibrate pumps, set up cassettes, unload ATVs, GPS

person #1 (JP) 4.0L ATV = P3-00481 BM048821
2.0L ATV = P3-00482 BM048608
person #2 (BC) 4.0L ATV = P3-00483 BM048709 (A)
2.0L ATV = P3-00484 BM048585 (A)

pump #35156 (JP 4.0L) = 4.0 Lpm
#31731 (BC 4.0L) = 4.0 Lpm
#21147 (JP 2.0L) = 2.0 Lpm
#20718 (BC 2.0L) = 2.0 Lpm

0815 START ATV, #1 in the lead
0825 switch to #2 in the lead
0835 END ATV
(0838) GPS pointed collected at base: ABS-02 8-24-09 N 48° 31.019' W 115° 18.242' elev = 817 m

08-24-09 ② cont. KB, JP, BC

0837 pump check:
JP 4.0L = 4.0 Lpm
JP 2.0L = 1.95 Lpm
BC 4.0L = 3.9 Lpm
BC 2.0L = 2.0 Lpm

person #1 (JP) 4.0L hiking = P3-00485 BM048615
2.0L hiking = P3-00486 BM048637
person #2 (BC) 4.0L hiking = P3-00487 BM048619 (A)
2.0L hiking = P3-00488 BM048587 (A)

pump check: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

0856 BEGIN HIKING, #1 in lead
0936 switch to #2 in lead
1016 END HIKING
1017 KB check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.1 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 1.9 Lpm

08-24-09 Ⓑ cont. KB, JP, BC

person #1 (JP) 4.0L WG/FP/BU = P3-00489 BM048383

2.0L WG/FP/BU = P3-00490 BM048447

person #2 (BC) 4.0L WG/FP/BU = P3-00491 BM048565 Ⓐ

2.0L WG/FP/BU = P3-00492 BM048560 Ⓐ

pump check: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1045 BEGIN WOOD GATHERING
1055 END WOOD GATHERING
1055 BEGIN FIRE PIT DIGGING
1100 END FIRE PIT DIGGING
check pumps: JP 4.0L = 4.0 Lpm
JP 2.0 L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0 L = 2.0 Lpm
1110 decon equipment, load ATVs
1130 leave site
1205 decon trailer

08-24-09 Ⓐ cont. KB, JP, BC

1210 check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm
1302 START BURN/FIRE SET-UP
1322 END BURN
check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0 L = 4.0 Lpm
BC 2.0L = 2.0 Lpm
1400 Libby Field Office

KB

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08-25-09 KB, JP, BC
0615 Libby Field Office
0645 Decon Trailer/Flyway
0800 arrive @ ABS-03

person #1 (JP) 4.0L ATV = P3-00493 BM048771 Ⓐ
2.0L ATV = P3-00494 BM048592 Ⓐ
person #2 (BC) 4.0L ATV = P3-00495 BM052191
2.0L ATV = P3-00496 BM048563 Ⓐ

pump calibration: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

0815 BEGIN ATV, #1 in the lead
0825 Switch to #2 in the lead
0835 END ATV, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm
(0823) GPS #1 ABS-03 8-25-09 N 48° 30.045'
elev. = 1312m W 115° 22.729'

505°F

08-25-09 ② cont. KB, JP, BC

person #1 (JP) 4.0L hiking = P3-00497 BM048369 Ⓐ
(JP) 2.0L hiking = P3-00498 BM052273 Ⓐ
person #2 (BC) 4.0L hiking = P3-00499 BM048830
(BC) 2.0L hiking = P3-00500 BM048640 Ⓐ

pump check: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

0847 BEGIN HIKING, #1 in the lead
0927 Switch to #2 in the lead
1007 END HIKING, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 1.8 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

person #1 (JP) 4.0L WG/FP/BU = P3-00501 BM052235 Ⓐ
(JP 2.0L WG/FP/BU = P3-00502 BM052205 Ⓐ

08-25-09 ③ cont. KB, JP, BC

person #2 (BC) 4.0L WG/FP/BU = P3-00503 BM048301

(BC) 2.0L WG/FP/BU = P3-00504 BM052271 Ⓐ

check pumps: JP (4.0L) = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1019 BEGIN WOOD GATHERING
1029 END WOOD GATHERING
1029 START FIRE PIT DIGGING
1034 END FIRE PIT DIGGING
check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1040 load + decon equipment, leave site
1055 arrive @ ABS-05

person #1 (JP) 4.0L ATV = P3-00505 BM048422 Ⓐ

2.0L ATV = P3-00506 BM052167 Ⓐ

08-25-09 ④ cont. KB, JP, BC

person # 2 (BC) 4.0L ATV = P3-00507 BM052165

2.0L ATV = P3-00508 BM048486 Ⓐ

check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1104 GPS point: ABS-05 8-25-09
N 48° 29.301' W 115° 20.277'
elev = 1107m

1119 START ATV, #1 in lead
1129 switch to #2 in lead
1139 END ATV riding, check pumps:
JP 4.0L = 3.9 Lpm
JP 2.0L = 2.1 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

person #1 (JP) 4.0L hiking = P3-00509 BM048727 Ⓐ

(JP) 2.0L hiking = P3-00510 BM048590 Ⓐ

person # 2 (BC) 4.0L hiking = P3-00511 BM048791

08-25-09 Ⓔ cont. KB, JP, BC

person # 2 (BC) 2.0L hiking = P3-00512 BM048829 Ⓐ

check pumps: JP4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

1152 BEGIN HIKING, #1 in the Lead
1232 Switch to #2 in the Lead
1312 END HIKING, check pumps
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

person # 1 (JP) 4.0L WG/FP/BU = P3-00513 BM048306 Ⓐ

20 L WG/FP/BU = P3-00514 BM052161 Ⓐ

person # 2 (BC) 4.0L WG/FP/BU = P3-00515 BM052159

2.0L WG/FP/BU = P3-00516 BM048761 Ⓐ

check pumps: JP4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

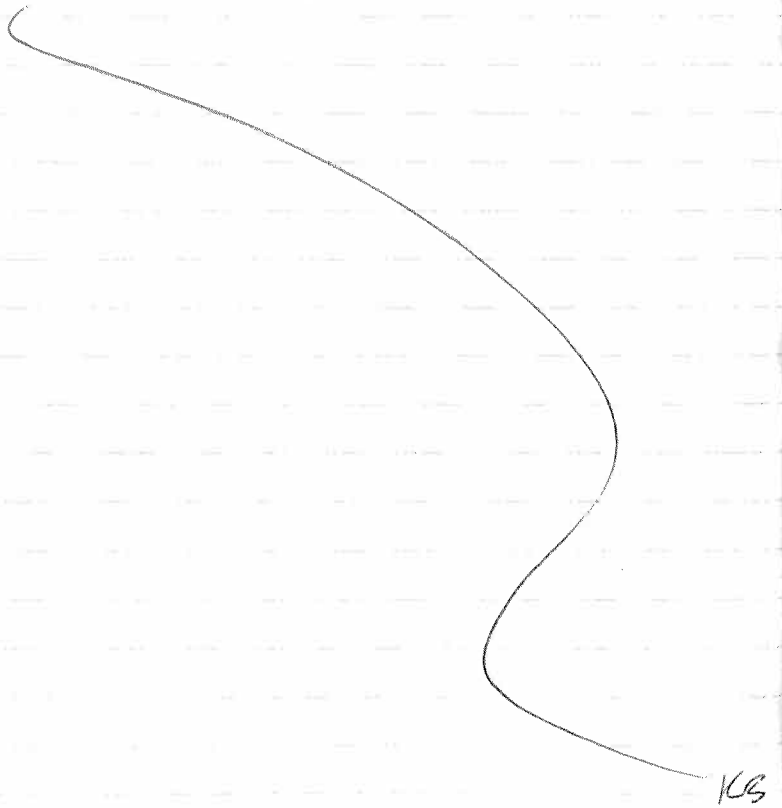
08-25-09 Ⓕ cont. KB, JP, BC

1321 BEGIN WOOD GATHERING
1331 END WOOD GATHERING
BEGIN FIRE PIT DIGGING
1336 END FIRE PIT DIGGING
check pumps: JP4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1345 load ATVs, decon, leave site
1440 Decon Trailer/Flyway
set up for burn from ABS-05
check pumps: JP4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

1447 START BURN/FIRE SET-UP
1507 END BURN, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm
set up fire wood from ABS-03
check pumps: JP4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

08-25-09 (7) cont. JP, KB, BC
1519 START BURN / FIRE SET-UP
1539 END BURN, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm
1600 Field Office



KB

08-26-09 KB, JP, BC
0630 Libby Field Office
0700 Flyway / Decon Trailer
0805 arrive at ATV location for ABS-10
(end of road by Rainy Divide TH)

person #1 (JP) 4.0L ATV = P3-00517 BM056500 (A)
2.0L ATV = P3-00518 BM056623 (A)
person #2 (BC) 4.0L ATV = P3-00519 BM048457
2.0L ATV = P3-00520 BM048318 (A)

check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

0818 GPS point ABS-10 ATV 826
N48° 27.721 W115° 25.668' elev = 1039 m
0824 START ATV, #1 in the lead
~~0835~~ 0834 switch to #2 in the lead
0844 KS END ATV, check pumps:
JP 4.0L = 3.9 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 3.9 Lpm
BC 2.0L = 2.0 Lpm

08-26-09 ② cont. JP, BC, KB

0850 drive to base location for hiking

P3-00521

person #1 (JP) 4.0L hiking= BM048600 Ⓐ

P3-00522

2.0L hiking= BM048806 Ⓐ

P3-00523

person #2 (BC) 4.0L hiking= BM048546

P3-00524

2.0L hiking= BM048762 Ⓐ

check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

0908 GPS ABS-10 826
N 48° 28.323' W115° 23.926'
elev. = 1165 m

0918 JP + BC leave truck to hike to ABS-10

! 0937 BEGIN HIKE, #1 in lead

1017 switch to #2 in lead

1057 END HIKE, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.2 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

08-26-09 ③ cont. JP, BC, KB

person #1 (JP) 4.0L WG/FP/BU= P3-00525 Ⓐ
BM056523

2.0L WG/FP/BU= P3-00526 Ⓐ
BM056574

person #2 (BC) 4.0L WG/FP/BU= P3-00527
BM056494

2.0L WG/FP/BU= P3-00528 Ⓐ
BM056662

check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1121 BEGIN WOOD GATHERING

1131 END WG / BEGIN FIRE PIT DIGGING

1136 END FIRE PIT DIGGING
check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 1.7 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1140 leave site

1235 Flyway / Decon Trailer
check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

08-26-09 @ cont. JP, BC, KB

1246 START BURN / FIRE SET-UP

1306 END BURN, check pumps:

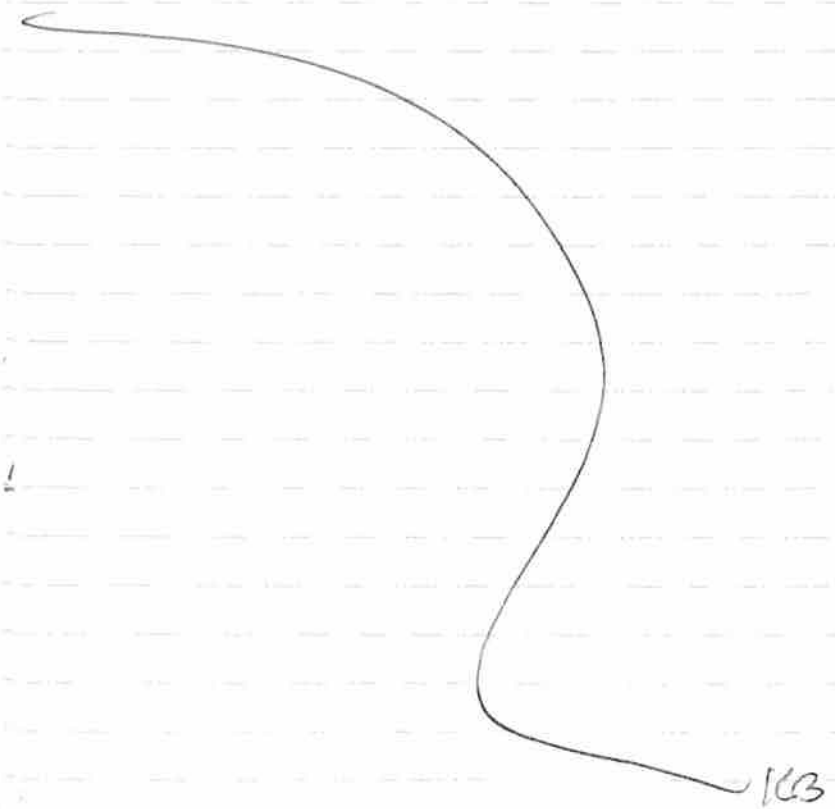
JP4.0L = 4.0 Lpm

JP2.0L = 2.1 Lpm

BC4.0L = 4.0 Lpm

BC2.0L = 2.0 Lpm

1430 Libby Field office



08-27-09 JP, ICB, BC

0630 Libby Field office

0700 Decon Trailer

0815 arrive @ ABS-13

	P3-00529
person #1 (JP) 4.0L ATV =	BM05 2270 Ⓐ
	P3-00530
#1 (JP) 2.0L ATV =	BM05 2279 Ⓐ
	P3-00531
person #2 (BC) 4.0L ATV =	BM05 2288
	P3-00532
(BC) 2.0L ATV =	BM05 2284 Ⓐ

check pumps: JP4.0L = 4.0 Lpm

JP 2.0L = 2.0 Lpm

BC4.0L = 4.0 Lpm

BC 2.0L = 2.0 Lpm

0817 GPS ABS-13 08-27-09

N48° 27.237' W115° 20.413'

elev. = 981 m

0827 START ATV, #1 in lead

0837 Switch to #2 in lead

0847 END ATV, check pumps:

JP4.0L = 4.0 Lpm

JP2.0L = 2.0 Lpm

BC4.0L = 4.0 Lpm

BC2.0L = 2.0 Lpm

86

08-27-09 ② cont.

JP, BC, KB

P3-00533

person #1 (JP) 4.0L hiking = BM056539 Ⓐ

P3-00534

2.0L hiking = BM056671 Ⓐ

person #2 (BC) 4.0L hiking = P3-00535 BM048544

2.0L hiking = P3-00536 BM048740 Ⓐ

check pumps: JP4.0L = 4.0Lpm
JP2.0L = 2.0Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

0902 BEGIN HIKING, #1 in the lead

0942 switch to #2 in the lead

1022 END HIKING, check pumps:
JP4.0L = 4.0Lpm
JP2.0L = 2.3 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

person #1 (JP) 4.0L WG/FP/BU = P3-00537 BM048309 Ⓐ

2.0L WG/FP/BU = P3-00538 BM048738 Ⓐ

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08-27-09 ③ cont.

KB, JP, BC, ~~KB, JP, BC~~

person #2 (BC) 4.0L WG/FP/BU = P3-00539 BM048613

2.0L WG/FP/BU = P3-00540 BM048710 Ⓐ

check pumps: JP4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1033 START WOOD GATHERING

1043 END WG / BEGIN FIRE PIT DIGGING

1048 END FP DIGGING, check pumps:
JP4.0L = 4.0Lpm
JP2.0L = 1.7 Lpm
BC4.0L = 4.0Lpm
BC2.0L = 2.0 Lpm

1055 Leave site & decon

1140 Decon Trailer, check pumps:
JP4.0L = 4.0Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1147 START BURN/FIRE SET-UP

1207 END BURN, check pumps:
JP4.0L = 4.0Lpm BC4.0L = 4.0Lpm
JP 2.0L = 2.0Lpm BC2.0L = 2.0Lpm

1600 Libby Field Office

ABS Book #1 Clear, calm, 55°F

8-31-09 mwlt & chapman crew

0640 @ Libby Office - Gather Supplies
0700 @ Decon Trailer / Flyaway.
0705 Health & Safety Meeting
0800 Arrive @ ABS-2

Check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

Person #1 (JP) 4.0 L (ATV) = P3-00721 (BL676395)

2.0L (ATV) = P3-00722 (BL676411)

Person #2 (BC) 4.0 L (ATV) = P3-00723 (BL676371)

2.0L (ATV = P3-00724 (BL676753)

0815 GPS ABS-02 08-31-09
N 48° 31.092' W 115° 18.153'
Elev: 2741 ft
- Start ATV pumps ≈ 800 ft NE up Rd from GPS
0845 - START ATV #1 in Lead
0855 - Switch Lead to #2
0905 - END ATV Riding

ABS Book #1 Clear, calm, 65°F

8-31-09 JP, BC, JK

Check pumps: JP (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0 Lpm

0915 - Team #2 arrive (JG, JR, CB) - Pump problems. - Head to Town

person #1 (JP) 4.0L Hike = P3-00725 BL-676431

(JP) 2.0L Hike = P3-00726 BL-676355

person #2 (BC) 4.0L Hike = P3-00727 BL-676364

BC 2.0L Hike = P3-00728 BL-676381

0927 - START Hike @ GPS location #1 in Lead
1007 Switch to #2 in Lead
1047 - End Hike, Check pumps
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.1 Lpm - Recal back down to 2.0 Lpm

person #1 (JP) 4.0L WG/FP/BV = P3-00729 BL676336

ABS Book #1 Hazy, Calm, 70°F

8-31-09 JP, BC, JK

Person #1 (2.0L) JP - WG/FP/BU P3-00730 BL676382

Person #2 (4.0L) BC - WG/FP/BU P3-00731 BL 676401

BC (2.0L) - WG/FP/BU P3-00732 BL 676407

1105 START Wood Gathering
1115 START Dig / STOP Wood Gathering
1120 STOP Digging - Check pumps
JP (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0 Lpm
1130 Leave Site / Decon used Supplies)
mobe to ABS-1

1200 Arrive ABS-1 Base Station

GPS - AB1 83109
N 48° 33.020' W 115° 23.181'
Elev: 4723 FT
Check pumps JP(4.0)L = 4.0 Lpm
JP(2.0)L = 2.0 Lpm
BC(4.0)L = 4.0 Lpm
BC(2.0)L = 2.0 Lpm

ABS Book #1 Clear, calm, 80°F

8-31-09 JP, BC, JK

person #1(JP) - 4.0L - ATV = P3-00733 BL-676351

JP - 2.0L - ATV = P3-00734 BL 676417

person #2(BC) - 4.0L - ATV = P3-00735 BL-676348

BC - 2.0L - ATV = P3-00736 BL-676353

1212 START ATV - person #1 in Lead
1222 Switch - person #2 in Lead
1232 END ATV, check pumps
JP (4.0L) = 4.1 Lpm - Recal to 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.05 Lpm - Recal to 4.0 Lpm
BC (2.0L) = 2.0 lpm

person #1(JP) - 4.0L HiKe = P3-00737 BL-676335

JP 2.0L HiKe P3-00738 BL-676391

person #2(BC) - 4.0L HiKe P3-00739 BL-676416

BC - 2.0L HiKe P3-00740 BL-676519

ABS Book #1 — Clear, light Breeze, 80's°F

8-31-09 — JP, BC, JK

1243 START HIKE Person #1 in lead
1323 Switch Person #2 in lead
1403 STOP HIKE, Check pumps
JP (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0 Lpm

person #1 (JP) 4.0L - WG/FP/BU	P3-00741
	BL 676354
JP (2.0L) - WG/FP/BU	P3-00742
	BL 676346
person #2 (BC) 4.0L - WG/FP/BU	P3-00743
	BL 676337
BC (2.0L) - WG/FP/BU	P3-00744
	BL 676362

(14/6) JK
~~1406~~ START WOOD Collection (Photo taken) 1424
1426 Stop wood collection / START Dig
1431 Stop digging / Check pumps
JP (4.0L) = 4.05 Lpm - recal to 4.0
JP (2.0L) = 2.05 Lpm - recal to 2.0
BC (4.0L) = 4.05* Lpm - recal to 4.0
BC (2.0L) = 2.0 Lpm

ABS Book #1 — Calm, trace clouds, 90° F

8-31-09 — JP, BC, JK
1442 Leave site
1510 @ Devon spot
1550 Back @ Devon Trailer / Fly camp
check pumps JP (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0 Lpm

1606 - Build & Start fire ABS-1
1626 - Put out fire / Check pumps
check pumps JP (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0 Lpm
1650 - Back @ Libby Office
1705 - Back @ Hotel
Download GPS Data / Carr went to call lab about COC's
1800 - Done for Day

JK

ABS Book #1 Calm, Hazy, 60's

9-1-09 JP, BC, JK

0640 Arrive @ Office - grab pumps
0700 @ Recon Trailer / Flyaway
0710 Health & Safety Meeting
0740 Arrive @ ABS-8

Check pumps \ Cal
JP (4.0L) = 4.0Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0L

GPS: Location ABS_901
N 48° 28.438 W. 115° 15.094
Elev: 2695 ft. P3-00745

person #1 (JP) (4.0L) ATV: BL-676410 P3-00746
JP (2.0L) ATV: BL-676404 P3-00747
Person #2 BC (4.0L) ATV: BL-676349 P3-00748
BC (2.0L) ATV: BL-676350

0802 START ATV Person #1 in Lead
0812 Switch to Person #2 in Lead
0822 END ATV / Check pumps

ABS Book #1 Calm, Hazy, 60's

9-1-09 JP, BC, JK

JP (4.0L) = 3.95 Lpm - Recal to 4.0Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 1.95 lpm - Recal to 2.0lpm

P3-00749
person #1 JP (4.0L) HIKE BL676347
P3-00750
JP (2.0L) HIKE BL 676403
P3-00751
BC (4.0L) HiKe BL 676406
P3-00752
BC (2.0L) HiKe BL 676361

0836 Begin HiKe person #1 in Lead
0916 Switch person #2 in Lead
0956 END HIKE, Check pumps
JP (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0 Lpm

P3-00753
1000 Field BLANK BL-676340

person #1 JP (4.0L) WG/FP/BU P3-00754 BL-676356

ABS Book #1 Calm, Hazy 60's

9-1-09 JP, BC, JK

JP(2.0L) WG/FP/BU: P3-00755
BL-676446

person #2 BC(4.0L) WG/FP/BU P3-00756
BL-676418

BC(2.0L) WG/FP/BU P3-00757
BL-676344

1007 START WOOD GATHERING (WG)
1017 STOP WG / START Digging
1019 Photo
1022 STOP Digging / Check Pumps
JP(4.0L) = 4.0Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

1032 Move to ABS-11

GPS Location AB11a 901
N 48° 27.58 W. 115° 15.801
ELEV 2951 Ft
Check Pumps JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

ABS Book #1 Calm, clear 70's

9-1-09 JP, BC, JK

P3-00758
person #1(JP) 4.0L - ATV BL-676420

P3-00759
JP(2.0L) ATV BL-676390

P3-00760
Person #2(BC)(4.0L) ATV BL-676373

P3-00761
BC(2.0L) ATV BL-676385

1055 START ATV - person #1 in lead
1105 Switch - person #2 in lead
1115 STOP ATV / Check pumps
JP(4.0L) = 4.0 Lpm
JP(2.0L) = 1.95 lpm Recal to 2.0lpm
BC(4.0L) = 4.1 Lpm - Recal to 4.0lpm
BC(2.0L) = 2.0 Lpm

P3-00762
person #1(JP)(4.0L) HIKE= BL-676422

P3-00763
JP(2.0L) Hike = BL-676389

P3-00764
person #2(BC)(4.0L) Hike = BL-676386

P3-00765
BC(2.0L) Hike = BL-676394

ABS BOOK #1 Calm, clear High 70's

9-1-09 JP, BC, JK

1126 START HIKE person #1 in Lead
1206 Switch person #2 in Lead
1246 STOP Hike / Check Pumps
JP (4.0L) = 4.1 Lpm - Recal to 4.0
JP (2.0L) = 1.95 lpm - Recal to 2.0
BC (4.0L) = 4.15 lpm - recal to 4.0
BC (2.0L) = 2.05 Lpm - recal to 2.0

P3-00766
person #1 (JP) (4.0L) WG/FP/BU = BL - 676435
P3-00767
JP (2.0L) WG/FP/BU = BL - 676496
P3-00768
person #2 (BC) (4.0L) WG/FP/BU = BL - 676419
P3-00769
(BC) (2.0L) WG/FP/BU = BL 676530

1258 START Wood Gathering (WG) - Photo 1303
1308 STOP (WG) / START Digging
1313 STOP Digging / Check pumps
JP (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0 Lpm
1322 Leave site
1330 @ Decon Spot
1340 Leave Decon Spot

9-1-09 JP, BC, JK

1410 @ Decon Trailer / Flywing - Check pumps/Cal
JP (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0 Lpm
1430 START FIRE & Build ABS-11
1437 Photo
1450 STOP BURN / Check pumps
JP (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0 Lpm

1456 Build & START FIRE ABS-08
1516 STOP BURN / Check pumps
JP (4.0L) = 3.95 Lpm - Recal to 4.0 Lpm
JP (2.0L) = 2.0 Lpm
BC (4.0L) = 4.0 Lpm
BC (2.0L) = 2.0 Lpm
1545 Back IN LIBBY
1700 Down Load Garmin Watches / go to Office (plug in New Pumps)
1900 - Done for Day

JK

ABS Book #1 calm, clear, 60's

9-2-09 JP, BC, JK

0640 @ Libby Office - grab new Pumps.

0700 Health & Safety @ Decon trailer / Flyaway

0800 Arrive @ $\boxed{\text{ABS-10}}$ road

check pumps JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

P3-00770
person #1 (JP)(4.0L) ATV = BL676512

P3-00771
JP(2.0L) ATV = BL676416

P3-00772
person #2 BC(4.0L) ATV = BL676330

P3-00773
BC(2.0L) ATV BL676398

Location: Rainy Creek - Mine Gate Base Station / Rainy Divid STOCK Trail head

0809 START ATV person #1 in lead

0819 Switch person #2 in lead

0829 STOP ATV / check pumps
JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

ABS Book #1 calm, clear, 60's

9-2-09 JP, BC, JK

0836 Mobe to hiking base station / Check pumps JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

P3-00774
person #1 JP(4.0L) HIKE BL-676413

P3-00775
JP(2.0L) HIKE = BL-676464

P3-00776
person #2 BC(4.0L) HIKE = BL-676357

P3-00777
BC(2.0L) HIKE = BL-676482

0915 Leave truck for start of HIKE

0930 GPS AB10.902
N 48° 28.151 W 115° 24.354
Elev 4073

0933 START HIKE, person #1 in lead

1013 Switch to person #2 in lead

1053 END HIKE, check pumps
JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.05 lpm - Recal to 2.0 Lpm

ABS Book #1 Calm, clear, 70's

9-2-09 JP, BC, JK

P3-00778

person #1 JP(4.0L) WG/FP/BU BL6764558

P3-00779

JP(2.0L) WG/FP/BU = BL6763538

P3-00780

person #2 BC(4.0L) WG/FP/BU = BL6765O4

P3-00781

BC(2.0L) WG/FP/BU = BL6763412

1113 START WOOD GATHERING(WG)
1123 STOP WG / START DIGGING
1128 STOP DIGGING / check pumps
JP(4.0L) = 4.1 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.1 Lpm
BC(2.0L) = 2.05 Lpm
1135 Leave Site / Head for Decon Spot
1215 Leave Decon Spot for Trailer
1245 Arrive @ Decon Trailer / flyaway
check pumps JP(4.0L) = 4.0 Lpm
Recal JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = ~~2.05~~ JK 2.0 Lpm

1257 START FIRE Set up / Burn

ABS Book #1 Calm, clear, 80's

9-2-09 JP, BC, JK

~~12~~ JK STOP BURN/
1317 Put out FIRE / check pumps
JP(4.0L) - 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm
1345 Back in Libby
1415-1445 - Down load ABS-10 / Pdy.
1455 - Lot Blanks for # 18178

Lot #1 P3-00782

BL6763912

Lot #2 P3-00783

BL6764812

1500 @ Libby Town Office for Chains (COC's)
1630 Complete to current date (ABS Book #1) COC's - Done for Day

JCK

ABS #1 (Book) Overcast, cool 60s

9-3-09 JP, BC, JK

0730 Pick up Bob M from Venture
0750 arrive @ Recon Trailer / flyaway
0800 Health & Safety w/ Bob
0820 Leave flyaway
0855 arrive @ ABS-13 Truck Turnaround
check pumps / Cal JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

P3-00784
person #1 JP(4.0L) ATV = BL676372

P3-00785
JP(2.0L) ATV = BL676325

P3-00786
person #2 BC(4.0L) ATV = BL676307

P3-00787
BC(2.0L) ATV = BL676352

0912 START ATV person #1 in lead
0922 Switch person #2 in Lead
0932 END ATV : check pumps
JP(4.0L) = 3.95 Lpm → Recal 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

ABS Book #1 Overcast, 60's

9-3-09 JP, BC, JK

P3-00788
person #1 JP(4.0L) HIKE = BL672580

P3-00789
JP(2.0L) HIKE = BL676476

P3-00790
person #2 BC(4.0L) HIKE = BL676521

P3-00791
BC(2.0L) HIKE = BL676328

0947 START HIKE person #1 in lead
1027 Switch person #2 in Lead
1107 STOP HIKE / check pumps
JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

P3-00792
person #1 JP(4.0L) WG/FP/BU = BL676491

P3-00793
JP(2.0L) WG/FP/BU = BL676423

P3-00794
person #2 BC(4.0L) WG/FP/BU = BL676345

P3-00795
BC(2.0L) WG/FP/BU = BL676379

9-3-09 JP, BC, JK

1120 START WOOD Gathering (LG)

1130 END(WG) / START Digging

1135 STOP Digging / ~~Elect~~ xx

GPS AB13903W W=~~Wood~~ Wood/0.3

N 48°27.244 W. 115°20.361

Elev 3440 Ft

check pumps JP(4.0L) = 4.1 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 1.9 Lpm

Load up

1148 Leave Site / Decon (go to)

1240 Arrive @ Decon Trailer / Flyaway

check pumps/cal JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

1309 START FIRE / BURN SET UP

1329 STOP BURN / Put out fire

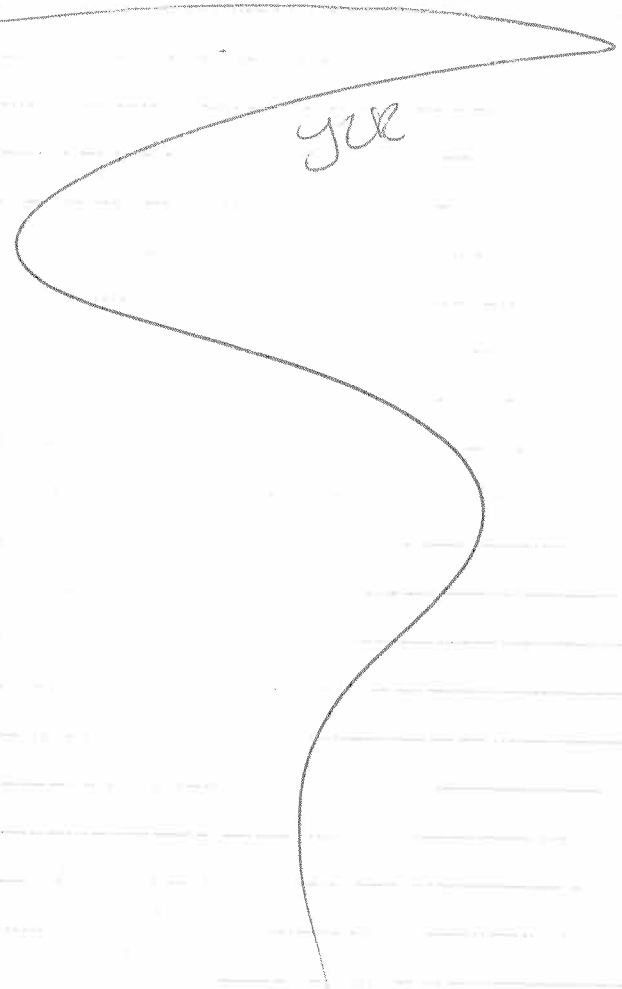
check pumps JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

1420 Back @ Libby Office w/ Computer & All Supplies

9-3-09 JP, BC, JK

- Download photos, Continue on chains, put away Supplies
- START GPS downloads

@1745 - Done for Day



ABS Book #1

7-4-09 JK, BC

0700 @ Decon Trailer / Flyaway, check in with Brandon / Jeremy
- Back to town to call ISCO Tech support / Install USB drivers

0830 - Suit up for Mine Collect ISCO data & turn off sampling program on LRC-06, LRC-02 & CC-02

1100 - Decon - Back to Libby
- Clean up / Back up ISCO data on Server

1230 - Done for Day

ABS Book #1 Overcast, light rain in areas

9-7-09 JK, JP, BC

0730 Touch Base - Wet (Light Rain)
0800 @ Office
0820 @ Decon Trailer / Flyaway
0900 @ ABS-2 decon area / waiting
0930 to see if Rain / dry up / Health & Safety.
1000 Looked like some dust starting
Move to Base Station for ABS-2
@ ABS-2

calibrate / check pumps JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

1010 START ATV person #1 in lead
1020 Switch person #2 in lead
1030 STOP ATV

	P3-00796
person #1 JP(4.0L) ATV	BL676339
	P3-00797
JP(2.0L) ATV =	BL676368
	P3-00798
person #2 BC(4.0L) ATV =	BL676400
	P3-00799
BC(2.0L) ATV =	BL676329

check pumps JP(4.0L) = 4.0 Lpm
JP(2.0L) = 1.9 Lpm

ABS Book #1

Overcast / light Rain / to rain @ site 41°

JK, JP, BC

9-7-09

check pumps BC(4.0L) = Lpm 4.0
BC(2.0L) = 2.0 Lpm
– STARTED TO RAIN –
1130 - Met up with others
1200 - START Decon
1300 - Back in Libby
1900-2000 @ office make track (GPS) print outs - Back up GPS (last week to server)

JK

ABS Book #1

Few clouds, cool 40's

JK, JP, BC

9-8-09

0745 Leave Libby
0800 @ Decon / Highway - mobe to Stations
0835 Health & Safety @ ABS-2

check/Cal pumps JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

person #1 JP(4.0L) HIKE:	P3-00800 BL6763G5
JP(2.0L) HIKE:	P3-00801 BL676327
person #2 BC(4.0L) HIKE:	P3-00802 BL676331
BC(2.0L) HIKE:	P3-00803 BL 676332

0844 START HIKE person #1 in lead
0924 Switch person #2 in lead
1004 STOP HIKE / check pumps
JP(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 3.95 Lpm - Recal 4.0 Lpm
BC(2.0L) = 2.0 Lpm

ABS Book #1

Clear w/ Few clouds cool, 50's

9-8-09

JK, JP, BC

GPS Location ABZ 908
N. 48° 31.242' W. 115° 17.531'
Elev 2871 ft

person #1 (JP(4.0L)) WC/FP/BU - P3-00804 BL672643

JP(2.0L) WC/FP/BU - P3-00805 BL672645

person #2 BC(4.0L) WC/FP/BU - P3-00806 BL672623

BC(2.0L) WC/FP/BU - P3-00807 BL-672601

1011 START Wood Collection (WC) - photo
1021 STOP WC / START Digging
1026 STOP Digging / check pump
JP(4.0) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm
BC(2.0L) = 2.0 Lpm

person #1 JP(4.0L) ATV - P3-00808 BL 672616

JP(2.0L) ATV - P3-00809 BL 672646

person #2 BC(4.0L) ATV - P3-00810 BL672649

ABS Book #1

Clear w/ Few clouds cool 50's

9-8-09

JP, BC, JK

BC(2.0L) ATV - P3-00811 BL672618

1037 - START (2200) ATV person #1 in lead
1047 - Switch person #2 in lead
1057 - STOP ATV / check pumps
JP(4.0L) = 4.0Lpm JP(2.0) = 2.0Lpm
BC(4.0L) = 4.0Lpm BC(2.0L) = 2.0 Lpm
- Leave Site - Move to ABS-01
1140 Arrive @ ABS-01
GPS Location: ABZ 908
N 48°32.794' W 115°23.662'
Elev 4773 ft

person #1 JP(4.0L) HIKE - P3-00812 BL672603

JP(2.0L) HIKE - P3-00813 BL672611

person #2 BC(4.0L) HIKE - P3-00814 BL672640

BC(2.0L) HIKE - P3-00815 BL672636

check pumps / Cal
JP(4.0L) = 4.0 Lpm JP(2.0L) = 2.0Lpm
BC(4.0L) = 4.0 Lpm BC(2.0L) = 2.0Lpm
1156 START HIKE person #1 in lead

ABS Book #1

Overcast cool, 40's slight wind

9-8-09

JP, BC, JK

1236 Switch person #2 in lead
1316 End Hike / Check pumps
JP(4.0L) = 4.1 lpm/Recal JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.1 lpm/Recal BC(2.0L) = 2.0 Lpm

P3-00816

person #1 JP(4.0L) WG/FP/BU = BL672639

P3-00817

JP(2.0L) WG/FP/BU = BL672605

P3-00818

person #2 BC(4.0L) WG/FP/BU = BL672647

P3-00819

BC(2.0L) WG/FP/BU = BL672648

1320 START Wood Gathering (WG)
1330 STOP Wood (WG) - START Dig
1335 STOP Digging / ~~START~~ JK check pumps
JP(4.0L) = 4.0 Lpm JP(2.0L) = 2.05 lpm - Recal
BC(4.0L) = 4.0 Lpm BC(2.0L) = 2.05 lpm - Recal

P3-00820

Person #1 JP(4.0L) = ATV BL672634

P3-00821

JP(2.0L) = ATV BL672628

P3-00822

Person #2 BC(4.0L) = ATV = BL672596

P3-00823

BC(2.0L) ATV = BL672608

ABS Book #1

Overcast w/sun cool, 40-50s windy

9-8-09

JP, BC, JK

1343 START ATV - person #1 in lead
1353 Switch - person #2 in lead
1403 STOP ATV / check pumps - photo
JP(4.0L) = 3.95 Lpm - 4.0 lpm JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm BC(2.0L) = 2.0 Lpm
1405 field Blank = P3-00824 BL672644
- leave site
1440 - Arrive @ Decon Area / Decon
1459 - Leave Decon
1530 Arrive Trailer / Flyaway
1548 check pumps / Cal
JP(4.0L) = 4.0 Lpm JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm BC(2.0L) = 2.0 Lpm
1546 START Building fire ABS-01
1606 STOP / Put out fire / check pumps
JP(4.0L): 4.0 Lpm JP(2.0L): 2.0 Lpm
BC(4.0L): 4.0 Lpm BC(2.0L): 1.95 - Recal
1611 START Building ABS-02 fire
1631 STOP / Put out fire / check pumps
JP(4.0L): 4.0 Lpm JP(2.0L): 2.0 Lpm
BC(4.0L): 3.95 Lpm BC(2.0L): 2.05 Lpm
1700 Back in Libby / Plug in pumps
2100-2200: Down load GPS units / backup to Server create ongoing pdf....

JK

ABS BOOK #1

Clear, Cool 35° → warming

9-9-09 JP, JK, BC

0635 @ Libby Office - gather Supplies
0700 Health & Safety Meeting @ Decon Trailer / Fly Wing
0800 Arrive @ ABS-10
Hike - Base / Check pumps
JP (4.0L) = 4.0 Lpm JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm BC(2.0L) = 2.0 Lpm

	P3-00825
person #1 JP(4.0L) HIKE	BL672630
	P3-00826
JP(2.0L) HIKE	BL672627
	P3-00827
person #2 BC(4.0L) HIKE	BL672597
	P3-00828
BC(2.0L) HIKE	BL672610

0810 - Leave for ABS-10 access.
0848 START HIKE person #1 in lead
0928 Switch person #2 in lead
1008 END HIKE / Hike back to base
1037 Back @ Base / Check pumps
JP(4.0L) = 4.0 Lpm JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm BC(2.0L) = 2.0 Lpm
1047 Mobe to Wood / ATV area
Check pumps - ✓ same as @ 1037

ABS BOOK #1

Partly Cloudy, Cool 40's

9-9-09 JP, JK, BC

person #1 JP(4.0L) WG/FP/BU =	P3-00829
	BL672655
JP(2.0L) WG/FP/BU =	P3-00830
	BL672629
	P3-00831
person #2 BC(4.0L) WG/FP/BU =	BL672624
	P3-00832
BC(2.0L) WG/FP/BU =	BL672595

1119 START Wood Gathering (WG)
1129 STOP WG / START Digging
1134 STOP Digging / check pumps
JP(4.0L) ✓ JP(2.0L) ✓ BC(4.0L) ✓ BC(2.0L) ✓
1138 START ATV person #1 in lead
1148 Switch person #2 in lead
1158 STOP ATV / check pumps
JP(4.0L) = 4.0 Lpm JP(2.0L) = 2.05 Lpm - Read
BC(4.0L) = 4.0 Lpm BC(2.0L) = 2.0 Lpm
GPS Location ABS10 909
N 48° 28.208' W 115° 25.424'
Elev: 3578 Ft

	P3-00833
person #1 (JP) 4.0L - ATV =	BL672598
	P3-00834
JP(2.0L) - ATV =	BL672642

ABS Book #1 — Overcast, cool 40-50's

118

9-9-09 — JP, JK, BC

person #2 BC(4.0L) ATV = P3-00835 BL672656

BC(2.0L) ATV = P3-00836 BL672584

1206 Loaded up / Leave Site for Decon Area

1304 Arrive @ DeconTrailer / Flyaway check pumps / Suit up

1313 Build / START FIRE ABS-10

1333 Put out FIRE / Check pumps
JP(4.0L) = 3.95 lpm JP(2.0L) = 2.05 lpm
BC(4.0L) = 4.0 lpm BC(2.0L) = 2.0 lpm

1345 JP & BC BURN for other team

1445 Back in Libby / after going to office

1450 START CHAINS / Download GPS's / Tape cassettes / copy field Book #1 & 2

1730 - Done for Day

JK

ABS Book #1 — Clear, cool 35°

119

9-10-09 — JP, JK, BC

0640 - leave Libby

0702 - Arrive decon Trailer / flyaway

0705 - Health & Safety

0715 - Mobe to ABS-13

check/cal Pumps JP(4.0L) = 4.0 lpm : (2.0L) = 2.0 lpm
BC(4.0L) = 4.0 lpm : (2.0L) = 2.0 lpm

P3-00837

person #1 JP(4.0L) HIKE = BL672650

P3-00838

JP(2.0L) HIKE = BL672651

P3-00839

person #2 BC(4.0L) HIKE = BL672625

P3-00840

BC(2.0L) HIKE = BL672902

0753 START HIKE person #1 in lead

0833 Switch person #2 in lead

0913 STOP HIKE / check pumps
JP(4.0L) = 4.0 lpm JP(2.0L) = 2.0 lpm
BC(4.0L) = 4.0 lpm BC(2.0L) = 1.9 lpm

P3-00841

person #1 (JP)(4.0L) WG/FP/BU = BL672614

P3-00842

JP(2.0L) WG/FP/BU = BL672633

P3-00843

person #2 BC(4.0L) WG/FP/BU = BL672654

ABS Book #1 Clear, cool 40's-50's

9-10-09 JP, JK, BC

P3-00844

BC(2.0L) WG/FP/BU = BL672821

0925 START WOOD GATHERING (WG)
0935 STOP (WG) / START Digging
0940 STOP Digging / Check pumps
JP(4.0L) = 4.0 Lpm JP(2.0L) = 2.0 Lpm
BC(4.0L) = 4.0 Lpm BC(2.0L) = 2.0 Lpm
GPS Location (WG) AB1&910
N. 48° 27.260' W. 115° 20.420'
Elev 3490 ft

P3-00845

person #1 JP(4.0L) ATV = BL672619

P3-00846

JP(2.0L) ATV = BL672621

P3-00847

person #2 BC(4.0L) ATV = BL672622

P3-00848

BC(2.0L) ATV = BL672638

0947 START ATV person #1 in Lead
0957 Switch person #2 in Lead
1007 END ATV / Check Pumps
JP(4.0L) = 4.0 Lpm JP(2.0L) = 1.95 Lpm
BC(4.0L) = 4.0 Lpm BC(2.0L) = 2.0 Lpm
- Decon / Leave for Next Site

ABS BOOK #1 Clear w/ some clouds 50-60's

9-10-09 JP, JK, BC

- On way to ABS-14 got ~~flat~~ tire / Mobe to Site via ATV / Check pumps & Cal
JP(4.0)L = 4.0 Lpm JP(2.0) = 2.0 Lpm BC(2.0) = 4.0 Lpm
BC(2.0) = 2.0 Lpm

P3-00849

BL672626

person #1 JP(4.0L) ATV =

P3-00850

JP(2.0L) ATV BL672606

P3-00851

person #2 BC(4.0L) ATV BL672637

P3-00852

BC(2.0L) ATV BL672827

1145 START ATV person #1 in Lead
1155 Switch person #2 in Lead
1205 STOP ATV / Check pumps
JP(4.0L) = 4.0 Lpm JP(2.0L) = 2.05 Lpm - Reset
BC(4.0L) = 4.0 Lpm BC(2.0L) = 2.0 Lpm

P3-00853

person #1 JP(4.0L) HIKE BL672835

P3-00854

JP(2.0L) HIKE BL672615

P3-00855

person #2 BC(4.0L) HIKE BL672652

P3-00856

BC(2.0L) HIKE BL672632

ABS BOOK #1 Clear w/ some Clouds 70's-80's

9-10-09 JCK, JP, BC

1213 START HIKE person #1 in lead
1253 Switch person #2 in lead
1333 STOP HIKE check pumps
JP(4.0L): 4.0 lpm JP(2.0L): 2.05
BC(4.0L): 4.0 lpm BC(2.0L): 2.05
GPS Location AB14.910
N 48° 26.350' W. 115° 22.279'
Elev: 4518 FT

JCK ~~1342~~ person #1 JP(4.0L) WG/FP/BU | P3-00857 BL672920
JP(2.0L) WG/FP/BU = | P3-00858 BL672586
person #2 BC(4.0L) WG/FP/BU = | P3-00859 BL673014
BC(2.0L) WG/FP/BU = | P3-00860 BL672897

1344 START WOOD GATHERING
1354 STOP WOOD (WG) / START Dig
1359 STOP Digging / check pumps
JP(4.0L): 4.05 JP(2.0L): 2.0 lpm
BC(4.0L): 4.0 lpm BC(2.0L): 2.0 lpm
1409 Back @ TRUCK / START TO CHANGE TIRE
1517 @ Decon Area / Decon
1548 Arrive @ Decon Trailer / Flyway
Check pumps: JP(4.0L): 4.0 : JP(2.0): 2.0 lpm
BC(4.0L): 4.0 lpm BC(2.0): 2.0 Lpm
JR(4.0L): 4.0 lpm JR(2.0L): 2.0 lpm CB(4.0L): 4.0 lpm CB(2.0L): 2.0 lpm

ABS Book #1 Clear w/ some Clouds 80's

9-10-09 JCK, JP, BC, JR, CB

1600 START / Build FIRE ABS-13
1602 START / Build FIRE ABS-14
1620 STOP ABS-13 FIRE
1622 STOP ABS-14 FIRE
Check pumps / JP(4.0L): 4.0 lpm JP(2.0L): 2.0 lpm
BC(4.0L): 4.0 lpm BC(2.0L): 2.0 Lpm
JR(4.0L): 4.0 lpm JR(2.0L): 2.0 lpm CB(4.0L): 4.0 lpm CB(2.0L): 2.0 lpm
1730 Back in Libby after Office drop off of supplies
2030-2200: Down load GPS 1-2 / Chains / TAPE

Done for Day

JCK

9-11-09 3 Complete Chains, package Samples / copies / GPS down-loads 3-4 / cameras - Mobe to airport.

Joan

09-14-09 KB, BC, JP
0630 Libby Field Office
0700 decon trailer
0805 arrive @ ABS-03
unload ATVs, check pumps:
JP4.0 = 4.0 Lpm
JP2.0 = 2.0 Lpm
BC4.0 = 4.0 Lpm
BC 2.0 = 2.0 Lpm

Index IDs: Person #1 (JP) 4.0L ATV = P3-00901 BL673828
2.0L ATV = P3-00902 BL673789 (A)
Person #2 (BC) 4.0L ATV = P3-00903 BL673794 (A)
2.0L ATV = P3-00904 BL673797 (A)

0817 BEGIN ATV RIDING, #1 in the lead
0827 switch to #2 in the lead
0837 END ATV RIDING, check pumps:
JP4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm
(0826) GPS #1 ABS 03 09-14 N 48°30.524'
elev = 4573 feet W 115°22.953'

09-14-09 (2) cont. KB, JP, BC
Person #1 (JP) 4.0L Hiking = P3-00905 BL673786
2.0L Hiking = P3-00906 BL673796 (A)
Person #2 (BC) 4.0L Hiking = P3-00907 BL673785 (A)
2.0L Hiking = P3-00908 BL673790 (A)

check pumps: JP4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

0844 BEGIN HIKING, #1 in the lead
0924 switch to #2 in the lead
1004 END HIKING, check pumps:
JP4.0 = 4.0 Lpm
JP2.0 = 2.0 Lpm
BC 4.0 = 4.0 Lpm
BC2.0 = 2.0 Lpm

Person #1 (JP) 4.0L WG/FP/BU = P3-00909 BL674004
2.0L WG/FP/BU = P3-00910 BL673774 (A)

ABS Book #1

clear, calm, sunny, 50s°F

KB, JP, BC

09-14-09 (B) cont.

Person #2 (BC) 4.0L WG/FP/BU = P3-00911 (A) BL673787

2.0L WG/FP/BU = P3-00912 (A) BL673783

Check pumps: JP 4.0L = 4.0 Lpm
JP BC 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1010 BEGIN WOOD GATHERING
1020 END WG, BEGIN FIRE PIT DIGGING
1025 END FP, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1030 load + decon equipment, leave site
1048 arrive @ [ABS-05]
unload equipment, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

ABS #1 Book

breezy, sunny, 60s°F

KB, JP, BC

09-14-09 (B) cont.

Person #1 (JP) 4.0L ATV = P3-00913 BL673802

2.0L ATV = P3-00914 (A) BL674015

Person #2 (BC) 4.0L ATV = P3-00915 (A) BL673888

2.0L ATV = P3-00916 (A) BL673814

1108 BEGIN ATV, #1 in the lead
1118 switch to #2 in the lead
1128 END ATV RIDING, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

person #1 (JP) 4.0L Hiking = P3-00917 BL673817

2.0L Hiking = P3-00918 (A) BL674005

Person #2 (BC) 4.0L hiking = P3-00919 (A) BL674010

2.0L Hiking = P3-00920 (A) BL673813

09-14-09 ⑤ cont. KB, BC, JP

check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 20 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1134 BEGIN HIKING, #1 in the lead
1214 switch to #2 in the lead
1254 END HIKING, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC H.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

person #1 (JP) 4.0L WG/FP/BU = P3-00921 BL673804
2.0L WG/FP/BU = P3-00922 BL673822 Ⓐ
person #2 (BC) 4.0L WG/FP/BU = P3-00923 BL673954 Ⓐ
2.0L WG/FP/BU = P3-00924 BL673816 Ⓐ

check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

09-14-09 ⑥ cont. BC, KB, JP

1301 BEGIN WG
1311 END WG/BEGIN FP
1316 END FP, check pumps:
JP 4.0L = 3.9 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.1 Lpm
BC 2.0L = 2.0 Lpm
1340 deion equipment, leave site
1408 arrive @ deion trailer
check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm
1416 set up fire from ABS-05 / burn
1436 end burn
~~set up/burn from ABS-03~~ KB
~~en~~ KB check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

check pumps w/ cassettes from ABS-03
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

130

09-14-09 (T) cont. KB, BC, JP

1442 set up and burn wood from ABS-03

1502 end burn, check pumps: JP4.0L = 4.0Lpm
JP2.0L = 2.0Lpm
BC4.0L = 4.0Lpm
BC2.0L = 2.0Lpm

1505 clean up equipment

1525 Libby Field Office

1645 done for day

KB

131

BC, JP, KB

09-15-09

0630 Libby Field Office

0700 decon trailer

0725 arrive @ ABS-08, unload
check pumps: JP4.0L = 4.0Lpm
JP2.0L = 2.0Lpm
BC4.0L = 4.0Lpm
BC2.0L = 2.0Lpm

Person #1 (JP) 4.0L ATV =	P3-00925 BL674009 (A)
2.0L ATV =	P3-00926 BL673878 (A)
Person #2 (BC) 4.0L ATV =	P3-00927 BL673993
2.0L ATV =	P3-00928 BL673960 (A)

0734 START ATV, #1 in Lead

0744 switch to #2 in lead

0754 END ATV, check pumps:
JP4.0L = 4.0 Lpm
JP2.0L = 1.9 Lpm
BC4.0L = 3.9 Lpm
BC2.0L = 2.0 Lpm

(0735) GPS: ABS-08 9-15 N48°28.675'
elev = 2,504 feet W115°15.100'

09-15-09②cont KB, JP, BC

Person #1 (JP) 4.0L Hiking = P3-00929 BL673779 Ⓐ

2.0L Hiking = P3-00930 BL673818 Ⓐ

Person #2 (BC) 4.0L Hiking = P3-00931 BL673849

2.0L Hiking = P3-00932 BL674042 Ⓐ

check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

0803 BEGIN HIKING, #1 in the lead
0843 switch to #2 in the lead
0923 END HIKING, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 1.9 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

person #1 (JP) 4.0L WG/FP/BU = P3-00933 BL673868 Ⓐ

2.0L WG/FP/BU = P3-00934 BL673826 Ⓐ

09-15-09③cont. KB, JP, BC

person #2 (BC) 4.0L WG/FP/BU = P3-00935 BL674037

2.0L WG/FP/BU = P3-00936 BL674054 Ⓐ

check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

0930 BEGIN WOOD GATHERING
0940 END WG/BEGIN FP DIGGING
0945 END DIGGING, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm
0950 Leave site

1000 arrive @ ABS-III
check pumps: JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

person #1 (JP) 4.0L ATV = P3-00937 BL673800 Ⓐ

2.0L ATV = P3-00938 BL673801 Ⓐ

09-15-09 ④ cont. KB, BC, JP

person #2 (BC) 4.0L ATV = P3-00939 BL673865

2.0L ATV = P3-00940 (A) BL673799

1004 START ATV, #1 in the lead
1019 switch to #2 in the lead
1029 END ATV, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

person #1 (JP) 4.0L Hiking = P3-00941 BL673869 (A)

2.0L Hiking = P3-00942 (A) BL673778

person #2 (BC) 4.0L Hiking = P3-00943 BL673805

2.0L Hiking P3-00944 (A) BL673781

check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

09-15-09 ⑤ cont. BC, JP, KB

1040 BEGIN HIKING, #1 in the Lead
1120 switch to #2 in the Lead
1200 END HIKING, check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

person #1 (JP) 4.0L WG/FP/BU = P3-00945 (A) BL673876

2.0L WG/FP/BU = P3-00946 (A) BL673806

person #2 (BC) 4.0L WG/FP/BU = P3-00947 BL673803

2.0L WG/FP/BU = P3-00948 (A) BL673788

Check pumps:
JP 4.0L = 4.0 Lpm
JP 2.0L = 2.0 Lpm
BC 4.0L = 4.0 Lpm
BC 2.0L = 2.0 Lpm

1207 BEGIN WOOD GATHERING
1217 END WG/BEGIN FP DIGGING
1222 END FP DIGGING

KB, JP, BC

04-15-09 ⑥ cont.

check pumps: JP4.0L = 4.0Lpm
JP2.0L = 2.0Lpm
BC4.0L = 4.0Lpm
BC2.0L = 2.0Lpm

1240 decon equipment, leave site
1305 arrive at decon trailer

check pumps: JP4.0L = 4.0Lpm
JP2.0L = 2.0Lpm
BC4.0L = 4.0Lpm
BC2.0L = 2.0Lpm

1315 set-up/burn wood from ABS-11
1335 end burn, check pumps:
JP4.0L = 4.1Lpm
JP2.0L = 2.0Lpm
BC4.0L = 4.1Lpm
BC2.0L = 2.0Lpm

check pumps with cassettes from ABS-08
JP4.0L = 4.0Lpm
JP2.0L = 2.0Lpm
BC4.0L = 4.0Lpm
BC2.0L = 2.0Lpm

1343 set-up/burn wood from ABS-08
1403 end burn, check pumps: JP4.0L = 4.0Lpm
JP2.0L = 2.0Lpm
BC4.0L = 4.0Lpm
BC2.0L = 2.0Lpm

KB, JP, BC

04-15-09 ⑦ cont.

1420 Libby Field Office
1615 done for day

KB

ABS Book #1 PC, calm, 50°F

09-16-09 KB, JP, BC

0630 Libby Field Office
0700 decon trailer
0800 arrive @ ABS-10, unload equipment
check pumps: JP4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

0809 GPS point. ABS-10 9-16:
N48° 28.308'
W115° 23.865' elev = 3,898'

person #1 (JP) 4.0L Hiking = P3-00949 BL673847 (A)
2.0L Hiking = P3-00950 BL674031 (A)
person #2 (BC) 4.0L Hiking = P3-00951 BL674290
2.0L Hiking = P3-00952 BL674228 (A)

0815 JP + BC leave truck to hike to ridge
0853 BEGIN HIKING, #1 in the lead
0933 switch to #2 in the lead
1013 END HIKING, return to base area
check pumps: JP4.0L = 3.95 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 1.95 Lpm BC2.0L = 2.0 Lpm

09-16-09 (2) cont KB, JP, BC

person #1 (JP) 4.0L WG/FP/BU = P3-00953 BL674221 (A)
2.0L WG/FP/BU = P3-00954 BL674216 (A)
person #2 (BC) 4.0L WG/FP/BU = P3-00955 BL674224
2.0L WG/FP/BU = P3-00956 BL674297 (A)

Check pumps: JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

1047 BEGIN WOOD GATHERING
1057 END WG, BEGIN FP DIGGING
1102 END DIGGING, check pumps:
JP4.0L = 4.0 Lpm BC4.0L = 3.9 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm
1108 leave site, move to ATV location

person #1 (JP) 4.0L ATV = P3-00957 BL674223 (A)
2.0L ATV = P3-00958 BL674211 (A)
person #2 (BC) 4.0L ATV = P3-00959 BL674243
2.0L ATV = P3-00960 BL674204 (A)

check pumps: JP4.0L = 4.0 Lpm BC4.0L = 4.0
JP2.0L = 2.0 Lpm BC2.0L = 2.0

09-16-09 ③ cont. KB, JP, BC

1139 BEGIN ATV #1, in the lead
1149 switch to #2 in the lead
1159 END ATV, check pumps:
JP4.0L = 4.0 lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm
1207 leave site
1240 decon
1310 arrive @ decon trailer, check pumps:
JP4.0L = 4.0 lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 lpm BC2.0L = 2.0 Lpm
1326 set-up/burn wood from ABS-10
1346 end burn, check pumps:
JP4.0L = 4.1 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm
1400 Libby Field Office - GPS, photocopies, photos, clean equipment

KB

09-21-09 JK, JP, BC

0630 - @ field office - gather supplies
0700 - @ decon trailer / flyaway
0705 - Health & Safety
0755 - Arrive @ ABS-02 - "check pumps"
0810 - START HIKE person #1 in lead

person #1 (JP) - Hiking 4.0L = P3-00961
- pump @ 4.0 Lpm BL673669

JP (2.0L) Hiking = P3-00962
pump @ 2.0 Lpm BL673784

person #2 (BC) 4.0L Hiking = P3-00963
pump @ 4.0 Lpm BL673629

(BC) 2.0L Hiking = P3-00964
pump @ 2.0 Lpm BL673764

GPS Location: N. 48° 31.390'
W. 115° 17.797' (Elev) 2904 FT

0850 - Switch Hike - person #2 in lead
0930 - End Hike / check pumps
JP (4.0L) = 4.0 Lpm BC (4.0L) = 4.0 Lpm
JP (2.0L) = 1.95 Lpm - Reset BC (2.0L) = 2.0 Lpm

P3-00965
person #1 (JP) 4.0L WG/FP/BU BL673621

P3-00966
(JP) 2.0L: WG/FP/BU BL673650

P3-00967

person #2 BC (4.0L): WG/FP/BU BL673605

P3-00968

BC(2.0L): WG/FP/BU = BL673653

0941 START WOOD GATHERING (WG)
0951 STOP WG / START FP Digging
0956 STOP Digging / check pumps
JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm BC(2.0L) = 1.9 Lpm - reset

P3-00969

person #1 JP(4.0L): ATV = BL673666
~~JP(2.0~~ JLK

P3-00970

JP(2.0L): ATV = BL673600

P3-00971

person #2 BC(4.0L): ATV = BL673623

P3-00972

BC(2.0L): ATV = BL673708

1008 START ATV, Person #1 in lead
1018 Switch, Person #2 in lead
1028 STOP ATV / check pumps
JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm BC(2.0L) = 2.0 Lpm
1030 Load up / head for Decon Area

1050 At Decon area - Decon
wait on other team - Water Tank down.
1225 Arrive @ Flyway / Decon Trailer / check pumps
JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm BC(2.0L) = 2.0 Lpm
1235 START / Set up Fire
1255 STOP / put out Fire / Check pumps
JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm BC(2.0L) = 1.95 Lpm
1330 Back in Libby

JLK

ABS Book #1

calm, clear
40's
JK, JP, BC

9-22-09

0635 - Leave Libby
0655 - @ Flyaway / Dream Trailer
0700 - Health & Safety
0755 - Arrive @ ABS-05 / Check/set pumps
0804 - START HIKE - Person #1 in lead

P3-00973
person #1 (JP) 4.0L HIKE = BL673611

P3-00974
JP (2.0L) HIKE = BL673620

P3-00975
person #2 (BC) 4.0L HIKE = BL673751

P3-00976
BC (2.0L) HIKE = BL672843

☆ GPS at N. 48° 28.984' W. 115° 20.070' Elev 3384 ft

0844 Switch - person #2 in lead
0924 STOP HIKE / check pumps
JP (4.0L) = 4.0 Lpm BC (4.0L) = 3.95 Lpm
JP (2.0L) = 1.95 Lpm BC (2.0L) = 2.0 Lpm

P3-00977
0930 Field Blank = BL673664

P3-00978
person #1 (JP) 4.0L WG/FP/BU BL673670

P3-00979
JP (2.0L) WG/FP/BU BL673740

ABS Book #1

calm, clear
50's
JK, JP, BC

9-22-09

P3-00980
person #2 (BC) 4.0L WG/FP/BU BL673668

P3-00981
BC (2.0L) WG/FP/BU BL673652

0931 START Wood Gathering (WG)
0941 STOP WG / START FP Diggings
0946 STOP Diggings / check pumps
JP (4.0L) = 4.0 Lpm BC (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm BC (2.0L) = 2.0 Lpm

P3-00982
person #1 JP (4.0L) ATV BL673630

P3-00983
JP (2.0L) ATV BL672826

P3-00984
person #2 BC (4.0L) ATV BL672942

P3-00985
BC (2.0L) ATV BL672843

0953 START ATV - Person #1 in lead
1003 Switch - Person #2 in lead
1013 STOP ATV / check pumps
JP (4.0L) = 4.0 Lpm BC (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm BC (2.0L) = 2.0 Lpm
1020 Leave Site / Mobe to next

ABS - BOOK #1 Clear, calm 56°F → 70's

9-22-09 JK, JP, BC

1037 Arrive @ ABS-07 / check pumps

1044 START HIKE / person #1 in Lead

P3-00986

Person #1 (JP) 4.0L HIKE BL6736Z2

P3-00987

JP (2.0L): HIKE = BL6726Z6

P3-00988

Person #2 (BC) 4.0L: HIKE = BL6726Z7

P3-00989

BC (2.0L): HIKE = BL6726Z9

1124 Switch - person #2 in Lead

1204 STOP HIKE / check pumps

JP (4.0L) = 4.05 lpm (Reset) BC (4.0L) 4.05 lpm (Reset)

JP (2.0L) = 2.0 lpm BC (2.0L) 2.0 lpm

P3-00990

person #1 (JP) 4.0L WG/FP/BU = BL6736Z1

P3-00991

JP (2.0L): WG/FP/BU = BL6736Z3

P3-00992

person #2 (BC) 4.0L: WG/FP/BU = BL6726Z3

P3-00993

BC (2.0L): WG/FP/BU = BL6726Z3

1215 START Wood Gathering (WG)

ABS - BOOK #1 clear, calm 70's

9-22-09 JK, JP, BC

1225 STOP Wood Gathering / START FP (Dig)

1230 STOP Digging / Check pumps

JP (4.0L) = 4.0 lpm BC (4.0L) = 4.0 lpm

JP (2.0L) = 2.0 lpm BC (2.0L) = 2.0 lpm

P3-00994

person #1 (JP) (4.0L) ATV = BL6726Z8

P3-00995

JP (2.0L): ATV = BL6726Z8

P3-00996

person #2 (BC) (4.0L): ATV = BL6726Z9

P3-00997

BC (4.0L): ATV = BL6726Z8

★ GPS of N. 48° 25. 174' W. 115° 21. 325', Elev. 3547'

1236 START ATV person #1 in Lead

1246 Switch / person #2 in Lead

1256 STOP ATV / Check pumps

JP (4.0L) = 4.05 lpm BC (4.0L) = 4.0 lpm

JP (2.0L) = 2.0 lpm BC (2.0L) = 2.0 lpm

1308 Leave Site

1318 @ Decon location

1354 @ flyway / Decon Trailer / check pumps; set

1403 START / set up ABS-07 Fire

1423 STOP BURN / Check pumps

JP (4.0L) = 4.0 lpm BC (4.0L) = 4.0 lpm

JP (2.0L) = 2.0 lpm BC (2.0L) = 2.0 lpm

ABS - BOOK #1

clear, calm
70's
JK, JP, BC

9-22-09

1428 START / set up Burn ABS-05
1448 STOP / Put out Fire / Check pumps
JP(4.0L) = 7.0 lpm BC(4.0L) = 40 lpm
JP(2.0L) = 1.95 lpm BC(2.0L) = 2.0 lpm
1515 @ Libby office, charge batteries restock Label etc
1530 Down load GPS watches/create Proj's
1630 Done for Day

JK

ABS - BOOK #1

clear, calm
40's
JK, JP, BC

9-23-09

0652 Arrive @ Devon Trailer / Flyaway
0700 Health & Safety
Crew gets Water
0750 Arrive @ ABS-10 Hike / Check pumps
0805 Crew departs for Hike

person #1 (JP) 4.0L: HIKE = P3-00998 BL673999
JP(2.0L): HIKE = P3-00999 BL673952
person #2 (BC) 4.0L: HIKE = P3-01000 BL673958
BC(2.0L): HIKE = P3-01141 BL673992

0846 START HIKE
0926 Switch person #1 in Lead / Radio
person #2 in Lead
1006 STOP HIKE
1036 Crew Return from Hike / Check pumps
JP(4.0L) = 3.95 lpm BC(4.0L) = 3.9 lpm
JP(2.0L) = 2.0 lpm BC(2.0L) = 2.0 lpm
1050 Depart for ATV / WOOD
1058 Arrive @ ATV / WOOD - check pumps/set
GPS: N. 48° 27.787' W. 115° 25.767'
Elev 3493 ft
1108: START WOOD GATHERING (WG)

ABS BOOK #1

9-23-09

clear, calm
50's
JK, JP, BC

person #1 (JP) 4.0L: WG/FP/BU =	P3-01142 BL674000
JP (2.0L): WG/FP/BU =	P3-01143 BL673957
person #2 (BC) (4.0L): WG/FP/BU =	P3-01144 BL674021
BC (2.0L): WG/FP/BU =	P3-01145 BL673927

1118 STOP WG / START FP Digging
1123 STOP FP Digging / Check pumps
JP (4.0L) = 4.0 Lpm BC (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm BC (2.0L) = 2.0 Lpm

person #1 JP (4.0L): ATV =	P3-01146 BL673929
JP (2.0L): ATV =	P3-01147 BL673985
person #2 BC (4.0L): ATV =	P3-01148 BL673950
BC (4.0L): ATV =	P3-01149 BL673918

1132 START ATV: person #1 in lead
1142 Switch person #2 in lead
1152 STOP ATV / Check pumps +

ABS Book #1

9-23-09

clear, calm
60's → 70's
JK, JP, BC

1223 - Arrive @ Decon Area - Decon
1257 - Arrive @ Flyaway / Decon Trailer
Check pumps JP (4.0L) = 4.0 Lpm BC" = 4.0 Lpm
JP (2.0L) = 2.0 Lpm BC" = 2.0 Lpm
1305 START / SET UP FIRE
1325 STOP / Put out FIRE / check pumps
1335 leave flyaway / Decon Trailer
1350 In Libby
1450 - 1520 Chains, download GPS

Done for Day

JK

ABS BOOK #1

9-24-09

JK, JP, BC

0640 @ office ISCO cable
0700 @ Devon Trailer / Flyway
0710 Health & Safety
0730 Leave for Site EPA Cook & Tony
0825 Arrive @ ABS-3
0830 check pumps & set
0840 START HIKE - person #1 in lead

P3-01150
person #1 (JP) 4.0L HIKE BL672868

P3-01151
JP (2.0L) HIKE BL672863

P3-01152
person #2 (BC) 4.0L HIKE BL672877

P3-01153
BC (2.0L) HIKE BL672910

0920 Switch - person #2 in lead
1000 END HIKE / check pumps
JP (4.0L) = 4.0 Lpm BC (4.0L) = 3.95 Lpm
JP (2.0L) = 2.0 Lpm BC (2.0L) 2.0 Lpm

P3-01154
person #1 (JP) 4.0L WG/FP/BU BL672919

P3-01155
JP (2.0L) WG/FP/BU BL672870

ABS BOOK #1

9-24-09

JK, JP, BC

P3-01156
person #2 (BC) 4.0L WG/FP/BU BL672912

P3-01157
BC (2.0L) WG/FP/BU BL672936

1010 START WOOD Gathering (WG)
1020 STOP WG / START FP Digging
1025 STOP FP Digging / check pumps
JP (4.0L) = 4.0 Lpm BC (4.0L) = 4.0 Lpm
JP (2.0L) = 2.0 Lpm BC (2.0L) = 2.0 Lpm
GPS Location: N 48° 30.419' E 6
W 115° 22.669' 4525 ft

P3-01158
person #1 JP (4.0L) ATV BL672914

P3-01159
JP (2.0L) ATV BL673922

P3-01160
person #2 BC (4.0L) ATV BL673917

P3-01161
BC (2.0L) ATV BL673920

1033 START ATV person #1 in lead
1043 SWITCH person #2 in lead
1053 END ATV / check pumps
JP (4.0L) = 4.0 Lpm BC (4.0L) = 4.0 Lpm
JP (2.0L) = 1.95 Lpm Reset BC (2.0L) = 2.0 Lpm

ABS BOOK #1 Hazy, calm, 60's

9-24-09 JK, JP, BC

1059 Leave site for Decon Area
1122 Arrive @ Decon Area - Decon
1157 Arrive @ Decon Trailer / Flyway
check pumps / JP(4.0L): 4.0 lpm BC(4.0L): 4.0 lpm
JP(2.0L): 2.0 lpm BC(2.0L): 2.0 lpm
1205 START / SET UP FIRE
1225 STOP / Put out FIRE / check pumps
JP(4.0L): 4.0 lpm BC(4.0L):
JP(2.0L): 2.0 lpm BC(2.0L): 2.0 lpm

--- Into Town Reaching ISCO Location
1505 Download LRC-6 ISCO Data
381.5 gpm
.362 Ft 12.57 volts

1525 @ CC-02 download ISCO Data
52.47 gpm
.15 ft 12.52 volts

1540 @ LRC-02 download ISCO Data
279.3 gpm
.296 ft 12.59 volts

1640 - Back in Libby
- Create Graph (Polys) for ISCO)

9-24-09 JCK

Convert ISCO files to excel
- Email John. Downloaded (Sept & August) Weather grows -
- Downloaded - GPS, Camera
- Created Polys for Remainn Sites
- Back up to Server

JCK

8-24-07 - Restart ABS
Round #1

0615- Met Kaitlin, go to office to pick up supplies.
0645- Met Jeff + crew at trailer, Get set up.
0815- Drive out to ABS-1
0825- Calibrated + set pumps
0830- Base Stn @
→ UTM 0619406, 5378340

P3-00451	JR 4.0	ATV
P3-00452	JR 2.0	
P3-00453	CB 4.0	
P3-00454	CB 2.0	

0839 - Start ATV.
0849 - Switch leads
0859 - Stop ATV

0913- Start hiking
1033- Stop hiking.

P3-00455	JR-4	Hike
P3-00456	JR-2	
P3-00457	CB-4	
P3-00458	CB-2	

P3-00459	JR-4	WG/FP/BV
P3-00460	JR-2	
P3-00461	CB-4	
P3-00462	CB-2	

1101- Start wood gathering
1116- Finished WG + FP

1245 - Back at trailer after decanning vehicles.
1250 - Recalibrated pumps
1300 - start burning pumps on
1320 - Finished burning
1325 - Checked pump flows.

RSS
8/24/09

8-25-09

0615 - Met w/ Kaitlin and went to trailer
0635 - Met team at trailer
0705 - Off to first site
0800 - Arrived at loc. between ABS-8+11.
Base: UTM 0628697, 5369551
0805 - Starting w/ ABS-11

0807 - Start ATV

P3-00463	SR-4	ATV
P3-00464	SR-2	
P3-00465	CB-4	
P3-00466	CB-2	

0827 - Stop ATV
GPS watches aren't recording tracks.

0931 - Start hiking

P3-00467	JR-4	Hiking
P3-00468	JR-2	
P3-00469	CB-4	
P3-00470	CB-2	

0959 - Stop hiking

1021 - Start wood gathering

P3-00471	JR-4	WG/FP/BU
P3-00472	JR-2	
P3-00473	CB-4	
P3-00474	CB-2	

1031 - Stop wood, Start fire pit

1036 - Stop fire pit
1053 - Headed over to gravel pit at ABS-08

1102 - Start ATV riding

P3-00475	JR-4	ATV
P3-00476	JR-2	
P3-00477	CB-4	
P3-00478	CB-2	

1122 - Stop ATV
1130 - Start hiking

P3-00541	JR-4	Hike
P3-00542	JR-2	
P3-00543	CB-4 C	
P3-00544	CB-2	

1250 - stop hiking
1255 - start WG/FP/BU

P3-00545	(A)	JE-4	WG/FP/BU
P3-00546	(A)	JE-2	
P3-00547		CB-4	
P3-00548		CB-2	

1305 - Switched to Fire pit. #545 & #546 were not on pumps during WG, only on for FP.
1400 - Back at trailer after decanning equipment/vehicles.
1413 - Start burning for ABS-11
1433 - Stop burning
1440 - Start burning for ABS-08 after pump flow check.
1500 - Stop burning ABS-08
1600 - Waited for Kaitlin to finish her burning.
1615 - Back at office.

8.26.09

0630 - Met Kaitlin at office.
0650 - Met team at trailer.
0745 - Drove out to ABS-7 up Jackson Ck.

P3-00479	JE-4	ATV
P3-00480	XO-1	
P3-00549	CB-4	
P3-00550	CB-2	

0807 - Start ATV.
Base (lat/long NAD83)
N 48.478
W 115.359

0827 - Stop ATV
0830 - Check pump flows

0832 - Start hiking

P3-00551	JR-4	Hiking
P3-00552	X-1	
P3-00553	CB-4	
P3-00554	CB-2	

0952 - Stop hiking; check pumps
1002 - Start wood gathering
1017 - Stop wood, start fire pit

P3-00555	JR-4	WG/FP/BU
P3-00556	X-1	
P3-00557	CB-4	
P3-00558	CB-2	

1017 - Stop fire pit; check pumps

1100 - Drone to ABS-06
1105 - Start ATV riding
1125 - STOP ATV riding (CK)

P3-00559	JR-4	ATV
P3-00560	X-1	
P3-00561	CB-4	
P3-00562	CB-2	

Base: 48.474 N, 115.392 W (lat/long)

P3-00563		Hiking
P3-00564		
P3-00565		
P3-00566		

1135 - START HIKING (CK)

90

1110

P3-00567 Field blank

1255 - Finished hiking.

P3-00568 JR-4
P3-00569 X-1
P3-00570 CB-4
P3-00571 CB-2
} WG/FD/BU

1303 - start wood gathering.
1313 - stop wood, start fire pit.
1318 - stop fire pit
1430 - Back at trailer after checking pumps + decanning

1449 - Started fire for ABS-7
1509 - stopped fire, checked pumps
1512 - started fire for ABS-6
1532 - stopped fire

91

8-27-09

0630 - Met w/ Kaitlin, off to office
0655 - Drove to trailer
0840 - Drove to ABS-44 up Alexander Cr.
0915 - start ATV riding.

P3-00572 JR-4
P3-00573 X-1
P3-00574 CB-4
P3-00575 CB-2
} ATV

0935 - stop ATV

P3-00576 JR-4
P3-00577 X-1
P3-00578 CB-4
P3-00579 CB-2
} Like

0943 - Start hiking
1023 - Switch lead
1103 - Stop hike
1109 - Start wood gathering

P3-00580	JR-4	WG/FP/BU
P3-00581	x-1	
P3-00582	CB-4	
P3-00583	CB-2	

1119 - Stop wood, start fire pit
1124 - Stop fire pit
1215 - Drove to main road.
Reconned
1245 - Back at trailer.
1306 - Started burning for ABS-14
1326 - Finished burning
1340 - Left flyway
1400 - P/U cooler at Ace
1415 - Done for day/week

8/28/09

0830 - Paperwork/docs, etc

P3-00584	lot blank lot# 18405

8-31-09
0700 Meet @ Dion trailer
0830 Arrive @ ABS-1 (Joan, et al. @ ABS-2)
Rig up for ATV riding w/ Jeff R (#1) & Charlie B. (#2)
BASE: N48°32.844' W115°23.053'

~~P3-00601~~	JR-4
~~P3-00602~~	JR-2
~~P3-00603~~	CB-4
~~P3-00604~~	CB-2

8/31/09 JDK

PUMP FAILURE JR-2 - JOAN & TEAM WILL DO ABS-1, WE GO TO CALL SKC & WORK ON PUMPS

JDK

9-01-09

0700 MEET AT DECONTRAILER.

0815 ARRIVE AT ABS-3

BASE IS N 48° 30.508' W 115° 23.125'

JR4	P3-00605
JR2	P3-00606
CB4	P3-00607
CB2	P3-00608

JEFF FORGOT HIS RESPIRATOR. RUN BACK TO TRAILER, GET RESPIRATOR.

0945 BACK AT ABS-3, PREP FOR ATV.

BEGIN ATV AT 1005 HRS

1015 SWITCH LEAD/FOLLOW

1025 END ATV. RIG UP FOR HIKING.

JR4	P3-00609
JR2	P3-00610
CB4	P3-00611
CB2	P3-00612

1032 START HIKING

1112 SWITCH LEAD/FOLLOW HIKE

1152 STOP HIKING

★ JEFF & CHARLIE SAW BEAR #2 WHILE HIKING.

RIG UP FOR WG/FP/BY

JR4	P3-00613
JR2	P3-00614
CB4	P3-00615
CB2	P3-00616

1240 BEGIN WOOD GATHERING (10 MIN)
FIRE-PIT DIGGING (5 min)

1225 END OF FIELD PORTION OF ABS-3
RIG DOWN, MOVE TO LOCATION ABS-5

1300 ARRIVE ABS-5 LOCATION.
BASE = N 48° 29.271' W 115° 21.031'

START ATV AT 1310 HRS
1320 SWITCH LEAD/FOLLOW
1330 END ATV RIDING.

ABS-5 ATV

JR4	P3-00617
JR2	P3-00618
CB4	P3-00619
CB2	P3-00620

1335 BEGIN HIKING
1415 SWITCH LEAD/FOLLOW HIKING
1455 END HIKING

ABS-5 HIKING

JR4	P3-00621
JR2	P3-00622
CB4 →	P3-00623
CB2 →	P3-00624

1505 BEGIN WOOD GATHERING
1515 END WG, START FIRE PIT DIGGING
1520 END FIELD PORTION OF ABS-5
RIG DOWN, DECON NEAR HWY, RETURN TO TRAILER FOR BURN.

ABS-5 LCC/FP/BU

JR4	P3-00625
JR2	P3-00626
CB4	P3-00627
CB2	P3-00628

1030 BACK AT TRAILER, RIG UP TO BURN.

1645 START BURN OF ABS-5 WOOD
1705 END BURN OF ABS-5 WOOD

1710 START BURN OF ABS-3 WOOD
1730 END BURN OF ABS-3 WOOD
RIG DOWN, GO TO TOWN.

9-02-09 0700 MEET AT TRAILER, GO TO ABS-6
0815 ARRIVE ABS-6, RIG UP.

BASE LOCATION: N 48° 23.535' W 115° 33.652'

ATV RIDING

JR4	P3-00629
JR2	P3-00630
CB4	P3-00631
CB2	P3-00632

0830 BEGIN ATV RIDING (10 & 10 MIN)
JR LEAD FIRST
0840 SWITCH LEAD
0850 END ATV

HIKING (40 & 40 MIN)

JR4	P3-00633
JR2	P3-00634
CB4	P3-00635
CB2	P3-00636

0855 BEGIN HIKING, JR LEAD
0935 SWITCH LEAD
1015 END HIKING

WOOD GATHER, FIRE-PIT, BURN

JR4 → P3-00637

JR2 → P3-00638

CB4 → P3-00639

CB2 → P3-00640

1020 BEGIN WOOD GATHERING

1030 END WOOD GATHERING, BEGIN FIRE-PIT DIGGING

1035 END FIRE-PIT DIGGING, RIG DOWN, HAVE A BITE, MOVE ON TO ABS-7.

1120 ARRIVE ABS-7, RIG UP FOR ATV.

ATV

JR4 → P3-00641

JR2 → P3-00642

CB4 → P3-00643

CB2 → P3-00644

BASE LOCATION = N 48° 28.646' W 115° 21.484'

1130 START ATV, JR IN LEAD

1140 SWITCH LEAD TO CB

1150 END ATV

1155 START HIKING (40&4C) W/JR LEAD
1235 SWITCH LEAD TO CB.

HIKE ABS-7

↓

JR4	P3-00645
JR2	P3-00646
CB4	P3-00647
CB2	P3-00648

1315 END HIKING.

1323 BEGIN WG, FP, BU
ABS-7 WOOD GATHER, FIRE-PIT, BURN

↓

JR4	P3-00649
JR2	P3-00650
CB4	P3-00651
CB2	P3-00652

1333 END WOOD GATHERING, BEGIN FP.
1338 END FP, END OF FIELD PORTION.
RIG DOWN, DECON, GO TO TRAILER.

1450 BEGIN BUILDING & STANDING AROUND FIRE WITH ABS-7 WOOD

1510 END FIRE ABS-7

1514 BEGIN BURN OF ABS-6 WOOD

1534 END FIRE ABS-6

ABS-14

9-03-09 0745 MEET AT TRAILER, B. MEDLER ALONG. RIG UP, C/O TO ALEXANDER 0930 ARRIVE AT ABS-14.

1000 HRS ATV RIDING (10 @ 10 MINS)

JR4	P3-00661
JR2	P3-00662
CB4	P3-00663
CB2	P3-00664

1025 HIKING ABS-14

JR4	P3-00665
JR2	P3-00666
CB4	P3-00667
CB2	P3-00668

1145 END HIKING

WOOD GATHERING, FP DIGGING, BURN

1150 HRS WG/FP/BU

JR4	P3-00669
JR2	P3-00670
CB4	P3-00671
CB2	P3-00672

1200 END WG, BEGIN FP DIG
1205 END FP DIG
RIG DOWN, TO TRAILER

1350 START BURNING ABS-14 WOOD.
1410 END BURNING ABS-14 WOOD

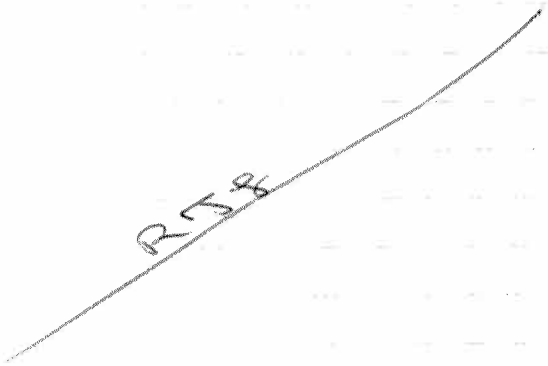
END OF 2ND "REAL" WEEK

Sept. 7, 2009
ABS wk #3

0700- Intermittent rain.
Cool & overcast.
0800- Met w/ Jeff & crew
& drove out to ABS-2,
waiting for skies to clear.

1100- Still raining. No sampling
today

1300- Back in Libby



9/8/09

0800- Met at Flyway. Clear
& dry today
0840- Drove to ABS-5. Still
a bit damp on roads.
Waiting for things to dry
out some.
0900- Warming up & drying out.

ABS-5 Base Stn.
N 48.485, W 115.341

JR-4	P3-00585	ABS-5 ATV
JR-2	P3-00586	
CB-4	P3-00587	
CB-2	P3-00588	

0915- calibrated pumps
0931- start ATV
0954 stop ATV

1000 - Start hiking

Se-4 P3-00589
Se-2 P3-00590
CB-4 P3-00591
CB-2 P3-00592

} ABS-5 Hiking

1120 - Stop hiking
1138 - Start wood gathering

Se-4 P3-00593
Se-2 P3-00594
CB-4 P3-00595
CB-2 P3-00596

} WG/FP/BO ABS-5

1148 - Stop wood gathering
1153 - Stop fire pit.

1230 - Drove to ABS-3

Base N48.507, W115.381

Se-4 P3-00597
Se-2 P3-00598
CB-4 P3-00599
CB-2 P3-00600

} ATV ABS-3

Se-4 ~~CB-4~~ P3-00673
Se-2 ~~CB-2~~ P3-00674
CB-4 P3-00675
CB-2 P3-00676

} Hiking ABS-3

1241 - Start ATV
1301 - Stop ATV
1310 - Start hiking
1430 - Stop hiking

1448 - Start wood gathering

SL4 P3-00677
SL2 P3-00678
L4 P3-00679
L2 P3-00680

} WG/FP/BU ABS-3

1503 - Finished fire pit
1605 - Drove back to Flyway
1610 - Recalibrated pumps
1628 - Start fire ABS-3
1634 - Start fire ABS-5 w/ Braden + Jeremy.
1648 - Finished burn for ABS-3
1654 - Finished burn for ABS-5
1700 - Leaving Flyway
1730 - Done for day

0650 - Rig up at Flyway
0745 - Arrive at ABS-8
0750 - Start ATV riding

P3-00705
P3-00706
P3-00707
P3-00708

} ABS-8 ATV

Base stn: 48.474 N, 115.251 W

P3-00701
P3-00702
P3-00703
P3-00704

} Hiking ABS-8

0818 - Start hike
0938 - Stop hike ABS-8

0945 - start wood gathering
1000 - stop fire pit

Se4 P3-00709
Se2 P3-00710
CB4 P3-00711
CB2 P3-00712

ABS-8
WG/FP/BU

1020 - moved to ABS-11
Base stn: N 48.465, W 115.264
1036 - start ATV

Se4 P3-00713
Se2 P3-00714
CB4 P3-00715
CB2 P3-00716

ABS-11
ATV

1056 - stop ATV.

1100 - start hiking

Se4 P3-00717
Se2 P3-00718
CB4 P3-00719
CB2 P3-00720

ABS-11
Hiking

1220 - stop hike

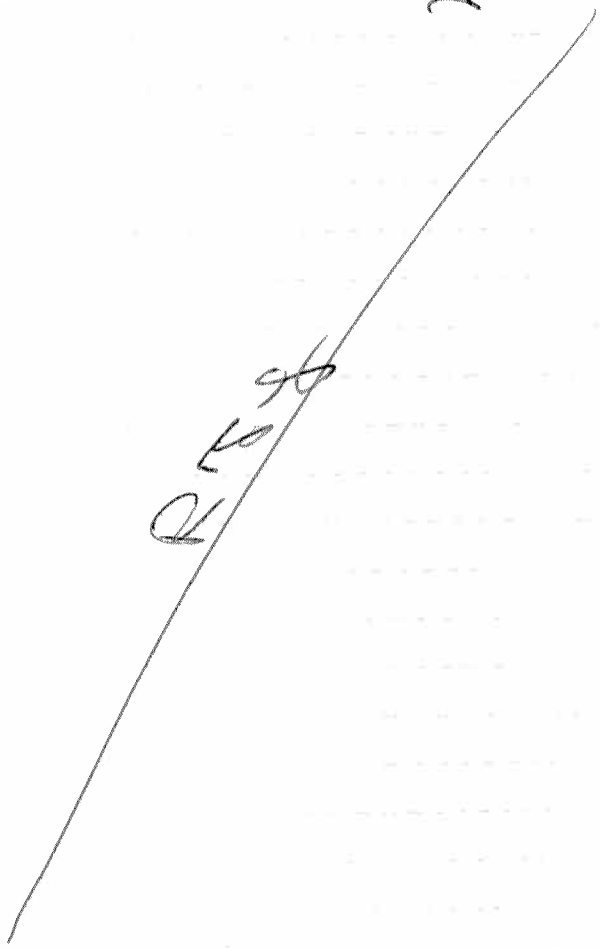
P3-00861
P3-00862
P3-00863

ABS-11
WG/FP/BU

P3-00864

1235 - start wood gathering
1250 - stop fire pit.
1330 - Back at flyway after deconning.

1345- ~~Start~~ burning ABS-8
1355- ~~Start~~ burning ABS-11
1405- ~~Stop~~ burning ABS-8
1415- ~~Stop~~ burning ABS-11
1430- Done for day



9-10-09

0645- Left for flyway.
0700- Arrive at flyway, rig up
0750- Drive to ABS-6

SE4 P3-00865
SE2 P3-00866
CB4 P3-00867
CB2 P3-00868

} ABS-6 ATV

0800- Start ATV riding
Base stn: N48.474
W115.387
0820- Stop ATV

SE4 P3-00869
SE2 P3-00870
CB4 P3-00871
CB2 P3-00872

} ABS-6 Hiking

0830- Start hiking
0950- Stop hiking

1000 - Start wood gathering

SE4 P3-00873
SE2 P3-00874
CB4 P3-00875
CB2 P3-00876

} ABS-6 WG/FP/BU

1010 - Stop wood gathering, start fire pit
1015 - Stop fire pit
1100 - Drove to ABS-7
1105 - Start ATV.

SE4 P3-00877
SE2 P3-00878
CB4 P3-00879
CB2 P3-00880

} ABS-7 ATV

1125 - Stop ATV.

ABS-7 Base Stn.: 48.478 N
115.357 W

P3-00881 SE4
P3-00882 SE2
P3-00883 CB4
P3-00884 CB2

} ABS-7 Hiking

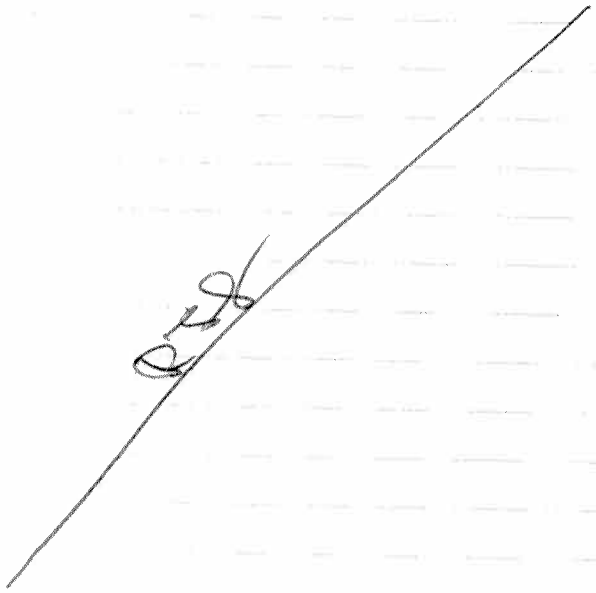
1145 - start hiking
1305 - stop hiking.
1315 - start wood gathering

SE4 P3-00885
SE2 P3-00886
CB4 P3-00887
CB2 P3-00888

} ABS-7 WG/FP/BU

1330 - stop fire pit

1420- Drive back to Flyaway.
1430- ~~Start~~ fire for ABS-7
1440- ~~Stop~~ fire for ABS-7.
1512- ~~Start~~ fire for ABS-6
1532- ~~Stop~~ fire for ABS-6
1600 - Done for day



9-14-09 JDA, CB, K

0700 MEET @ DECON TRAILER. JEFF'S STAND IN. TODAY IS KURT SPENCER.

0815 ARRIVE ABS-1. ATV RIDING

JR4	P3-01001
JR2	P3-01002
CB4	P3-01003
CB2	P3-01004

BEGIN ATV RIDING AT 0835 MPS (10/10)

0845 SWITCH LEAD/FOLLOW

0855 END ATV.

0900 BEGIN HIKING (40/40)

JR4	P3-01005
JR2	P3-01006
CB4	P3-01007
CB2	P3-01008

0940 SWITCH LEAD/FOLLOW HIKING

9-4-09

1020 END HIKING

BEGIN LUC/FP/BY

JRY → P3-01009

JRZ → P3-01010

CBY → P3-01011

CBZ → P3-01012

1030 BEGIN WOOD GATHERING

1040 END LUC, BEGIN FP DIGGING

1045 END FP DIGGING.

RIG DOWN, GO TO ABS-2.

ABS-2

1200 BEGIN ATV, KURT LEAD, CHARLIE FOLLOW

JRY	P3-01013
JRZ	P3-01014
CBY	P3-01015
CBZ	P3-01016

1210 SWITCH LEAD/FOLLOW

1220 END ATV RIDING
1230 BEGIN HIKING

JR4	P3-01017
JR2	P3-01018
CB4	P3-01019
CB2	P3-01020

1310 SWITCH LEAD/FOLLOW
1350 END HIKING

1355 BEGIN WG/FP/BU

1405 END WOOD GATHERING
1405 BEGIN FP DIGGING
1410 END FP DIGGING

JR4	P3-01021
JR2	P3-01022
CB4	P3-01023
CB2	P3-01024

Location _____ Date _____

Project / Client _____

Location _____ Date _____

Project / Client _____

1415 RIG DOWN DECON, RETURN TO DECON TRAILER TO BURN

1520 START BURN OF ABS-2 WOOD
1540 END BURN OF ABS-2 WOOD

1545 START ABS-1 WOOD BURN
1605 END BURN OF ABS-1 WOOD
RIG DOWN, GO TO TOWN.

ABS-6

9-15-09 0700 MEET AT DECON TRAILER.
0800 ARRIVE ABS-6, RIG UP TO DO ATV. (10/10)

0830 BEGIN ATV RIDING

JR4	P3-01025
JR2	P3-01026
CB4	P3-01027
CB2	P3-01028

0840 SWITCH LEAD/FALLOW

Location _____ Date _____

Project / Client _____

Location ABS-6 Date 9-15-09

Project / Client _____

0850 END ATV RIDING

0900 BEGIN HIKING, START IN LEAD HIKING (40/40)

JR4	P3-01029
JR2	P3-01030
CB4	P3-01031
CB2	P3-01032

0940 SWITCH LEAD/FOLLOW HIKING

1020 END HIKING

1026 WOOD GATHERING, FIRE PIT, BURN

JR4	P3-01033
JR2	P3-01034
CB4	P3-01035
CB2	P3-01036

1036 END WOOD GATHERING, BEGIN FP DIGGING

Location _____ Date _____

Project / Client _____

Location ABS-6, ABS-7 Date 9-15-09

Project / Client _____

1041 END FP DIGGING. PUMPS OFF, RIG DOWN, CAT TO ABS-7.

ABS-7

1115 ARRIVE AT ABS-7, RIG UP FOR ATV.

1130 ATV RIDING (10/10)

JR4 → P3-01037

JR2 → P3-01038

CB4 → P3-01039

CB2 → P3-01040

1140 SWITCH LEAD/FOLLOW

1150 END ATV.

1155 BEGIN HIKING (40/40)
KURT (BR) IN LEAD

1235 SWITCH LEAD/FOLLOW

12

14

Location _____ Date _____

Project / Client _____

Location ABS-7 Date 9-15-09 15

Project / Client _____

HIKING

JR4	P3-01041
JR2	P3-01042
CB4	P3-01043
CB2	P3-01044

1315 STOP HIKING

1325 BEGIN WW/FP/BU (GATHERING 10m)

JR4	P3-01045
JR2	P3-01046
CB4	P3-01047
CB2	P3-01048

1335 STOP WOOD GATHERING, BEGIN FP DIG AT 1336

Location

Date

Project / Client

Location

Date

Project / Client

1345 END FP DIGGING. RIG DOWN, DECON, HEAD TO TRAILER FOR BURN.

BEGIN BURNING OF ABS-7 WOOD
END BURNING OF ABS-7 WOOD

BEGIN BURNING OF ABS-6 WOOD
END BURNING OF ABS-6 WOOD

RIG DOWN, DECON TEAM, GO TO TOWN

12 / 18

Location _____ Date _____

Project / Client _____

Location ABS-13 Date 9-16-09 19

Project / Client _____

ABS-13

0700 MEET AT DECON TRAILER.
0745 ARRIVE ABS-13, RIG UP.
0800 BEGIN ATV RIDING, JEFF IN LEAD

JR4	P3-01049
JR2	P3-01050
CB4	P3-01051
CB2	P3-01052

0810 SWITCH LEAD/FOLLOW
0820 END ATV RIDING
0825 BEGIN HIKING JEFF IN LEAD

JR4	P3-01053
JR2	P3-01054
CB4	P3-01055
CB2	P3-01056

0905 SWITCH LEAD/FOLLOW
0945 END HIKING

12 20

Location _____ Date _____

Project / Client _____

Location ABS-13 Date 9-16-09 21

Proj. / Client _____

1000 "COLLECT" FIELD BLANK SAMPLE → P3-01073

1003 WOOD GATHERING, FIRE PIT, BURN

SR4	P3-01057
SR2	P3-01058
CB4	P3-01059
CB2	P3-01060

1013 END LUG, BEGIN FP DIGGING

1018 END FIRE-PIT DIGGING. RIG DOWN, GO TO ABS-14, UP ALEXANDER CYN.

12/ 22

Location _____ Date _____

Project / Client _____

Location ABS-14 Date 9-16-04 23

Project / Client _____

ABS-14

1140 HRS ARRIVE ABS-14, RIG UP.
1150 BEGIN ATV RIDING (10/10) JEFF LEADS

ATV

JR4	P3-01061
JR2	P3-01062
CB4	P3-01063
CB2	P3-01064

1200 SWITCH LEAD/FOLLOW
1210 END ATV RIDING.
1215 BEGIN HIKE HIKING JEFF LEADS

P3-01065
P3-01066
P3-01067
P3-01068

1255 SWITCH LEAD/FOLLOW
1335 END HIKING.

Location ABS-14 Date 9-16-09

Project / Client

1345 START WOOD GATHERING, 10 MIN
1355 STOP WG, BEGIN FP DIGGING
1400 STOP FP DIGGING, RIG DOWN, GO TO TRAILER FOR BURNING WG/FF/BURN

JR4	P3-01069
JR2	P3-01070
CB4	P3-01071
CB2	P3-01072

1533 START BURN OF ABS-14 WOOD
1553 END BURN OF ABS-14 WOOD

1555 START BURN OF ABS-13 WOOD
1615 END BURN OF ABS-13 WOOD.

1630 RIG DOWN, GO TO TOWN.

9-21-09

0630- Met w/ Joan, off to office.
0700- Met at Flyway, rig up
0840- Drove to ABS-1.
0855- Start ATV riding
0900- Restart ATV riding

- JB4 P3-01074
- JB2 P3-01075
- CB4 P3-01076
- CB2 P3-01077

ATV riding

0920- Stop ATV riding
0925- Start hiking

- JB4 P3-01078
- JB2 P3-01079
- CB4 P3-01080
- CB2 P3-01081

hiking ABS-1

1045- Stop hiking
1055- Start wood gathering
1110- Stop fire pit
Base Stn.
N 48.54
W 115.39
1210- Drove back to Flyway
1250- Start fire
1310- Stop fire
1315- Finished ABS-1

- JB4 P3-01082
- JB2 P3-01083
- CB4 P3-01084
- CB2 P3-01085

RT

9-22-09

0630 - Left Libby
0700 - Arrived at Flyaway
0730 - Drove to ABS-13

JS4 P3-01086
JS2 P3-01087
CB4 P3-01088
CB2 P3-01089

} ATV @ ABS-13

0751 - Start ATV riding.
Base Stn.: 48.46 N
113.34 W

JS4 P3-01090
JS2 P3-01091
CB4 P3-01092
CB2 P3-01093

} Hiking

9-22-09

0811 - Stop ATV
0819 - Start hiking
0939 - Stop hiking
0946 - Start wood gathering
1001 - Stop fire pit.

JS4 P3-01094
JS2 P3-01095
CB4 P3-01096
CB2 P3-01097

} WG/FP/BU

1040 - Drove to ABS-06

JS4 P3-00889
JS2 P3-00890
CB4 P3-00891
CB2 P3-00892

} ATV for ABS-06

1051 - Start ATV riding

Location

Date 9-22-09

Project / Client

1111- Stop ATV

P3-00893

P3-00894

P3-00895

P3-00896

Hiking ABS-06

1119- Start hiking

P3-00897

P3-00898

P3-00899

P3-00900

WG/FP/BU

1239- Stop hiking
1250 - Start wood gathering
1300- Start fire pit
1305 - Stop fire pit

Location

Date

Project / Client

1340- Reconned truck + trailer
1405- Drove back to Flyway.
1415- Start fire for ABS-6
1435- Stop fire for ABS-6
1440- Start fire for ABS-13
1500 - Stop fire for ABS-13
1530- Leaving Flyway
Done for day.

RTS 8

9-23-09

0630 - Met Sean, drove by office
0700 - Met at flyaway; rig up.
0740 - Drove to ABS-08
0750 - Start ATV

P3-01098
P3-01099
P3-01100
P3-01101
} ATV ABS-08

0810 - Stop ATV

P3-01103
P3-01104
P3-01105
P3-01106
} Hiking ABS-08

0820 - Start hike
0940 - Stop hike

P3-01107
P3-01108
P3-01109
P3-01110
} WG/FP/BU ABS-08

ABS-08 Base Stn.
N 48.48, W 115.25

0948 - Start wood gathering
1003 - Stop fire pit

P3-01111
P3-01112
P3-01113
P3-01114
} ABS-11 Hike

1020 - Moved over to ABS-11

Location _____ Date 9-23-09

Project / Client _____

1035 - Start ATV riding
1055 - Stop ATV riding

P3-01115
P3-01116
P3-01117
P3-01118

} Hiking ABS-11

1105 - Start hiking
1225 - Stop hiking
1235 - Start Wood/Fire Pit (yet)
1250 - STOP Fire Pit

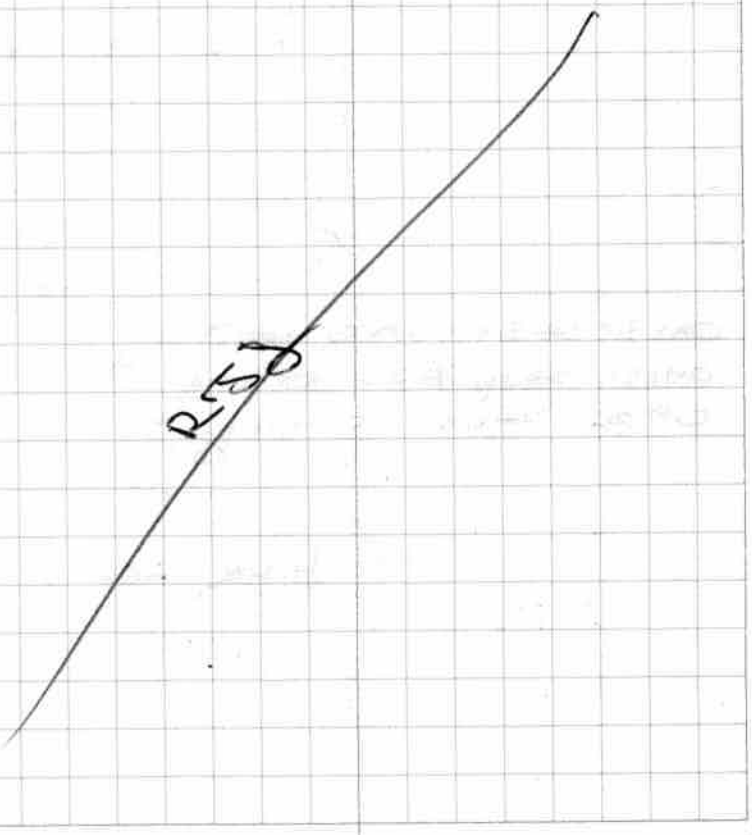
P3-01119
P3-01120
P3-01121
P3-01122

} WG/FP/BO
ABS-11

Location _____ Date 9-23-09

Project / Client _____

1350 - Drove back to Flywheel
1400 - Start Fire ABS-09
1420 - Stop fire
1425 - Start fire ABS-11
1445 - Stop fire ABS-11
1500 - Done for Day



9-24-09

0630 - Lot Joan and go off.
0700 - Arrive at Flyway - rig up
0830 - Drive to ABS-14
Base Stn: N 48.44, W 115.37

P3-01123
P3-01124
P3-01125
P3-01126

Hike ABS-14

0853 - Start ATV riding
0913 - Stop ATV riding.
0930 - Start hiking

P3-01127
P3-01128
P3-01129
P3-01130

Hike ABS-14

9-24-09

1050 - Stop hiking

P3-01131
P3-01132
P3-01133
P3-01134

WG/FP/BU

1100 - Start wood gathering
1115 - Stop fire pit.
1250 - Drove back to Flyway
1300 - Start fire ABS-14
1320 - Stop fire ABS-14
1330 - Done for day

P3-01135
· Lot Blank

RSP

Location _____ Date _____

Project / Client _____

Location ABS-1 Date 9-28-09

Project / Client _____

9-28-09 0700 MEET @ DECON TRAILER

0750 ARRIVE ABS-1, RIG UP, CAL PUMPS
JEFF IS LEAD FOR ALL ACTIVITIES

0816 ATV RIDING (1C/1C)

JR-4.0	P3-01201
JR2.0	P3-01202
CB4	P3-01203
CB2	P3-01204

0826 SWITCH LEAD/FOLLOW
0836 STOP ATV, BEGIN HIKING
0846 START HIKING (4C/4C)

JR4	P3-01205
JR2	P3-01206
CB4	P3-01207
CB2	P3-01208

0926 SWITCH LEAD/FOLLOW HIKING
1006 STOP HIKING. RIG UP FOR WG/FP

Location: Date:

Project: Client:

1015 JEFF & CHARLIE BACK TO BASE, REST, WATER.

1020 BEGIN OCL/FP/BU

JR4	P3-01209
JR2	P3-01210
CB4	P3-01211
CB2	P3-01212

1030 END OCL, BEGIN FP
1035 END FP DIGGING RIG DOWN, GO TO ABS-2,

1110 ARRIVE ABS 2. RIG UP FOR ATV.

1120 BEGIN ATV RIDING (10/10)
1130 SWITCH LEAD/FOLLOW
1140 END ATV.

Location _____ Date _____

Project / Client _____

Location ABS-2 Date 9-28-04

Project / Client _____

ATV

JR4	P3-01213
JR2	P3-01214
CB4	P3-01215
CB2	P3-01216

1152 BEGIN ~~[illegible]~~ HIKING

1230 SWITCH LEAD/FOLLOW

1310 END HIKING

↓

JR4	P3-01217
JR2	P3-01218
CB4	P3-01219
CB2	P3-01220

1320 BEGIN WOOD GATHERING

1330 END WG. BEGIN FP

1335 END FIRE PIT DIGGING

Location: Date:

Project: Client:

WG/FP/BU
↓

JR4	P3-01221
JR2	P3-01222
CB4	P3-01223
CB2	P3-01224

1500 BACK AT DECON TRAILER TO BURN.
1515 BEGIN BURNING ABS-2 WOOD
1535 END BURNING OF ABS-2 WOOD
1540 BEGIN BURNING ABS-1 WOOD
1600 END BURNING ABS-1 WOOD
RIG DOWN, GO TO TOWN.

Location _____ Date _____

Project / Client _____

Location ABS-13 Date 9-29-09

Project / Client _____

9-29-09 ABS-13

0700 MEET AT DEGN TRAILER
0740 ARRIVE ABS-13

0750 BEGIN ATV RIDING (10/10)
0800 SWITCH LEAD/FOLLOW
0810 END ATV RIDING.

JR4	P3-01225
JR2	P3-01226
CB4	P3-01227
CB2	P3-01228

0815 BEGIN HIKING
0855 SWITCH LEAD/FOLLOW HIKING
0935 END HIKING

Location _____ Date _____

Project / Client _____

Location ABS-13 Date 9-29-04

Project / Client _____

HIKING

↓

P3-01229

P3-01230

P3-01231

P3-01232

0915 JEFF REPORTS JR4 IS HAVING FAILURES – USE CB4 INSTEAD.

0950 BEGIN WOOD GATHERING

WG, FP, Bd

↓

P3-01233

P3-01234

P3-01235

P3-01236

1000 END WOOD GATHERING, BEGIN FIRE PIT DIGGING

Location _____ Date _____

Project / Client _____

Location ABS-14 Date 4-29-09

Project / Client _____

1005 END FIRE-PIT DIGGING. RIG DOWN, GO TO ABS-14, UP ALEXANDER CYN.

ABS-14

1130 AT ALEXANDER GATE, GATE LOCKED INCORRECTLY, W/ GNFS LOCK GO TO GET BOLT CUTTERS, REMOVE LOCK

ATV

JR4	P3-01237
JR2	P3-01238
CB4	P3-01239
CB2	P3-01240

1230 THROUGH GATE, TO ABS-14 LOCATION.

1245 BEGIN ATV
1255 SWITCH LEAD/FOLLOW
1305 END ATV.

1310 BEGIN HIKING
1350 SWITCH LEAD/FOLLOW
1430 END HIKING

Location _____ Date _____

Project / Client _____

Project / Client _____

HIKING 2

JR4	P3-01241
JR2	P3-01242
CB4	P3-01243
CB2	P3-01244

1435 BEGIN WOOD GATHERING

1445 END WOOD GATHERING, BEGIN FIRE-PIT DIGGING

1450 END FP DIGGING

WG/FP/ISH 2

JR4	P3-01245
JR2	P3-01246
CB4	P3-01247
CB2	P3-01248

1450 RIG DOWN, GO TO DECON TRAILER TO BURN.

Location _____ Date _____

Project / Client _____

Location ABS-13, 14, ABS-10 Date 9-29/30/09

Project / Client _____

1615 AT DECON TRAILER, RIG TO BURN

1630 BEGIN BURN OF ABS-14 WOOD
1650 END BURN OF ABS-14 WOOD

1700 BEGIN BURN OF ABS-13 WOOD
1720 END BURN OF ABS-13 WOOD

RIG DOWN, GO TO TOWN

ABS-10

0800 MEET AT DECON TRAILER.
0835 ARRIVE AT GATE/BERM FOR ATV PORTION OF ABS-10.

0915 BEGIN ATV RIDING. JEFF LEAD, AS ALWAYS

P3-01249

P3-01250

P3-01251

P3-01252

0925 SWITCH LEAD/FOLLOW

Location _____ Date _____

Project / Client _____

Location ABS-10 Date 9-30-09

Project / Client _____

0935 END ATV RIDING. GO TO HIKING LOCATION.

0950 TEAM HEADS UP ROAD TO RAINY TRAILHEAD

HIKING

P3-01253
P3-01254
P3-01255
P3-01256

THIS ROUND, TEAM WILL GO TO ABS-10 "HOT DOG" FROM T.M. AT W END OF RIDGE. WILL RADIO SDG WHEN THEY GET IN HOT DOG.

1100 PUMPS ON. 1140 SWITCH LEAD/FOLLOW

WG, FP, BU

1220 END HIKING.

P3-01257
P3-01258
P3-01259
P3-01260

1320 TEAM BACK TO BASE. RIG UP FOR WG, FP.

Location _____ Date _____

Project / Client _____

Location ABS-10 Date 9-30-09

Project / Client _____

1350 BEGIN WOOD GATHERING, NEAR BASE.
1400 END W.G.,
1400 BEGIN FIRE-PIT DIGGING
1405 END F.P. DIGGING.
RIG DOWN, DOWN TO MOUTH OF JACKSON CYN TO DECON. GO TO DECON TRAILER AT FLYWAY TO BURN ABS-10 WOOD

1530 START BURN OF ABS-10 WOOD
1532 END BURN OF ABS-10 WOOD.
RIG DOWN, GO TO TOWN.

FIELD BLANK P3-01141

Location ABS-Φ1 Date 10-5-09

Project Sheet

630 - Met W/Joan
700 - Drove to Flyway, rig up
810 - Drove to ABS-1
819 - Start ATV

P3-01261
P3-01262
P3-01263
P3-01264

} ATV

ABS-Φ1

0839 - Stop ATV
0852 - Start Hiking

P3-01265
P3-01266
P3-01267
P3-01268

} Hike

1012 - Stop hiking

Base Stn: N 48.5474
W 115.3820

Date 10-5-09

1019 - Start wood gathering

P3-01269
P3-01270
P3-01271
P3-01272

} WG/FP/BU ABS-1

1034 - Stop FP
1215 - Drive back to Flyway.
1237 - Start burning
1257 - Stop burning
1300 - Done for day

~~R3~~

RJ

ABS-07 10-6-09

0640 - Met w/ Joan.
0700 - Drove to Flyway. Kurt + gary working on frozen pump.
0730 - Planning to do 6 sites total today.
0815 - Drove to ABS-07
0825 - Start ATV riding

P3-01273
P3-01274
P3-01275
P3-01276
} ATV ABS-07

0845 - Stop ATV
0852 - Start hiking

P3-01277
P3-01278
P3-01279
P3-01280
} Hiking

1012 - Stopped hiking

ABS-07 + ABS-13

1023 - Start WG/FP
1038 - Stop WG/FP

P3-01401
P3-01402
P3-01403
P3-01404

N 48° 28.604'
W 115° 21.460
} Base stn for WG + FP Different than where parked vehicles

1110 - Drove to ABS-13
1125 - Start ATV riding

P3-01405
P3-01406
P3-01407
P3-01408
} ATV ABS-13

1145 - Stop ATV

Location: ABS-13 + ABS-14 Date: 10-6-09

11:50 - Start Hiking
1310 - Stop hiking

P3-01409
P3-01410
P3-01411
P3-01412

} Hiking ABS-13

1317 - Start WG/FP

P3-01413
P3-01414
P3-01415
P3-01416

} WG/FP/BU ABS-13

Base Stn.: Hand held ~~N 48.4537~~ ~~W 115.3387~~ Garmin watch (WGS 84) N. 48° 27.245' W. 115° 20.363' Elev: 3453 ft

1332 - Stop WG/FP

1510 Drove to ABS-14 after one wrong turn (-20 mins) + a downed tree to cut.

Location: ABS-14 Date: 10-6-09

1519 - Start ATV riding

P3-01417
P3-01418
P3-01419
P3-01420

} ATV ABS 14

1539 - Stop ~~hiking~~ 2:58 ATV
1543 - Start hiking

P3-01421
P3-01422
P3-01423
P3-01424

} hiking ABS-14

1703 - Stop hiking
1707 - Start WG/FP

P3-01425
P3-01426
P3-01427
P3-01428

} WG/FP/BU

ABS-14 10-6-09

1722 - Stop WG/FP @ ABS-14
1810 - Drove down to main road to decon.
1815 - Realized rental car has a flat tire. Change flat tire. Still need to burn.
1850 - Drove back to town. Will finish burning tomorrow

ABS-08 10-7-09

0615 - Met w/ team.
0620 - Drove to office.
0635 - Drove to Flyway
0645 - Setting up to finish burns for
ABS-07
ABS-13
AB-14
0700 - Changed of plans. Due to imminent rain, we decided to sample instead.
0730 - Drove to ABS-8
0740 - Start ATV riding

Not Submitted to Lab

P3-01429
P3-01430
P3-01431
P3-01432

} ATV Con ABS-08

0800 - Stop ATV. Raining
0800 - Steady drizzle now. Wet roads no good to submit to lab.

Location ABS-Ø8 Date 10-7-09

Project / Client

0805 - Steady rain now.
Discontinuing sampling

P3-01433
P3-01434
P3-01435
P3-01436

Hike
ABS-Ø8

P3-01437
P3-01438
P3-01439
P3-01440

WG/FP/BU
ABS-Ø8

Not sampled due to rain

0900 - Back to trailer.
Did not do hike + WG/FP/BU
above

0930 - Done for day

RVS

Location Date 10-8-09

Project / Client

0630 - Snowing, waiting for
weather to break.

0830 Still snowing.

1000 - Drove out to Flyway to
do burning for
ABS-13 (see book #4)
ABS-14
ABS-07

1015 - Start fire for
ABS-14. No snow now
cold & overcast.

1035 Stop burning
Checked flows. JR-4 dropped
to 3.8 LPM, but when I
went to recalibrate it it
was at 4.0 LPM.

1043 - Start burn for ABS-Ø7

1103 - Stop burn.

1115 - Done for day.

RVS

Location Libby, MT Date 11-9-09

Project / Client

0815- Met w/ Joan. Off to office to get supplies. Ground wet, cool & foggy. Waiting for ground to dry out.

0900- Arrived at Flyway. Getting ready. Still foggy & cool.

1030- Sun's out. Drove to ABS-02. Ok to sample, so Joan's team is sampling. Half way to ABS-01 road has couple inches of fresh snow.

1110- On the way to ABS-07. ATV trailer blew a tire. Repairing tire.

1150- Arrived at ABS-07 Roads damp, but not wet. Sunny & cold.

Location Date 11-9-09

Project / Client

1202 Set

1212 - Start ATV for ABS-07

1212 - Switch lead

P3-01441
P3-01442
P3-01443
P3-01444

} ATV ABS-07

1222 - Stop ATV

1235 - Start hiking

P3-01445
P3-01446
P3-01447
P3-01448

} Hiking

1355- Stop hiking

1410- Start wood gathering

P3-01449
P3-01450
P3-01451
P3-01452

1425- Stop fire pit

4/9/09

1440- Drove up to ABS-06. Roads covered in snow or mud. No sampling here.
1545- Drove back to Flyway after decon.
1553- start burn for ABS-07.
1613- stop burning.
1630- Done for day.

11-10-09

0800- Rained all night + this morning.
0900- Rain stopped a half hour or so ago, but it is still cool and overcast.
1000- Drove out to ABS-08 + ABS-11 to check ground conditions. It's soaking wet w/ standing water on roads.
1040- Back at Flyway. Joan going to do her burns from yesterday's sampling.

1200- Done for day.

11-11-09

0800- Awoke to snow on the ground in Libby downtown.

No sampling today. Done for the week. Going back home.

RFI 96

ABS Book #4

40°F, calm, PC
Kaitlin Barkdow
Jeremy Peterson
Brandon Chapman

09-28-09
0630 Libby Field Office
0700 meet at decon trailer
0750 arrive @ ABS-03
0800 GPS point ABS-03 9-28:
N 48° 30.346' W115° 22.695' elev=4543'
check pumps:
JP4.0L = 4.0Lpm
JP2.0L = 2.0Lpm
BC4.0L = 4.0Lpm
BC2.0L = 2.0Lpm

person#1 (JP) 4.0L Hiking = P3-01162 BL673466
2.0L Hiking = P3-01163 BL673446 (A)
person#2 (BC) 4.0L Hiking = P3-01164 BL673444 (A)
2.0L Hiking = P3-01165 BL673452 (A)

0808 BEGIN HIKING, #1 in the lead
0848 switch to #2 in the lead
0928 END HIKING, check pumps:
JP4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 1.9 Lpm

09-28-09 ② cont. KB, BC, JP

person#1 (JP) 4.0L WG/FP/BU = P3-01166 BL673451
2.0L WG/FP/BU = P3-01167 BL673509 (A)
person#2 (BC) 4.0L WG/FP/BU = P3-01168 BL673748 (A)
2.0L WG/FP/BU = P3-01169 BL673441 (A)

Check pumps: JP4.0L = 4.0Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

0938 BEGIN WOOD GATHERING
0948 END WG, BEGIN FIRE PIT DIGGING
0953 END FP, check pumps:
JP4.0L = 4.0Lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

person#1 (JP) 4.0L ATV = P3-01170 BL673682
2.0L ATV = P3-01171 BL673439 (A)
person#2 (BC) 4.0L ATV = P3-01172 BL673456 (A)
2.0L ATV = P3-01173 BL673445 (A)

ABS Book #4 50's°F, clear

09-28-09 (3) cont. KB, JP, BC

check pumps: JP4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

1000
~~1010~~ BEGIN ATV, #1 in the lead
1010 switch to #2 in the lead
1020 END ATV, check pumps:
JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 1.9 Lpm BC2.0L = 2.0 Lpm
1025 leave site

1041 arrive @ ABS-05
check pumps: JP4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

person #1 (JP) 4.0L Hiking = P3-01174 (A)
BL673701
2.0L Hiking = P3-01175 (A)
BL673449
person #2 (BC) 4.0L Hiking = P3-01176
BL673437
2.0L Hiking = P3-01177 (A)
BL673447

1050 BEGIN HIKING, #1 in the lead
1130 switch to #2 in the lead

ABS Book #4 50's°F, calm clear

09-28-09 (4) cont. KB, JP, BC

1210 END HIKING, check pumps
JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

person #1 (JP) 4.0L WG/FP/BU = P3-01178 (A)
BL673438
2.0L WG/FP/BU = P3-01281 (A)
BL673435
person #2 (BC) 4.0L WG/FP/BU = P3-01282
BL673443
2.0L WG/FP/BU = P3-01283 (A)
BL673436

check pumps: JP4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

1215 BEGIN WOOD GATHERING
1225 END WG, BEGIN FIRE PIT DIGGING
1230 END FP, check pumps:
JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = ~~1.9~~ 2.0 Lpm KB

person #1 (JP) 4.0L ATV = P3-01284 (A)
BL673721
2.0L ATV = P3-01285 (A)
BL673581

ABS Book #4

60s°F, calm, sunny

KB, JP, BC

09-28-09 (5) cont.

Person #2 (BC) 4.0L ATV= P3-01286 BL673458

2.0L ATV= P3-01287 BL673454 (A)

Check pumps: JP4.0L= 4.0Lpm BC4.0L= 4.0Lpm
JP2.0L= 2.0Lpm BC2.0L= 2.0Lpm

1235 BEGIN ATV RIDING, #1 in the lead

1245 switch to #2 in the Lead

1255 END ATV, check pumps
JP4.0L= 4.0Lpm BC4.0L= 4.0Lpm
JP2.0L= 2.0Lpm BC2.0L= 2.0Lpm

leave site & decon

1355 arrive @ decon trailer/flyway
check pumps:
JP4.0L= 4.0Lpm BC4.0L= 4.0Lpm
JP2.0L= 2.0Lpm BC2.0L= 2.0Lpm

1400 set-up/burn wood from ABS-03

1420 end burn
Check pumps: JP4.0L= 4.0Lpm
JP2.0L= 2.0Lpm
BC4.0L= 4.0Lpm
BC2.0L= 2.0Lpm

Check pumps:
JP4.0L= 4.0Lpm BC4.0L= 4.0Lpm
JP2.0L= 2.0Lpm BC2.0L= 2.0Lpm

ABS Book #4

70sF, Sunny, light breeze

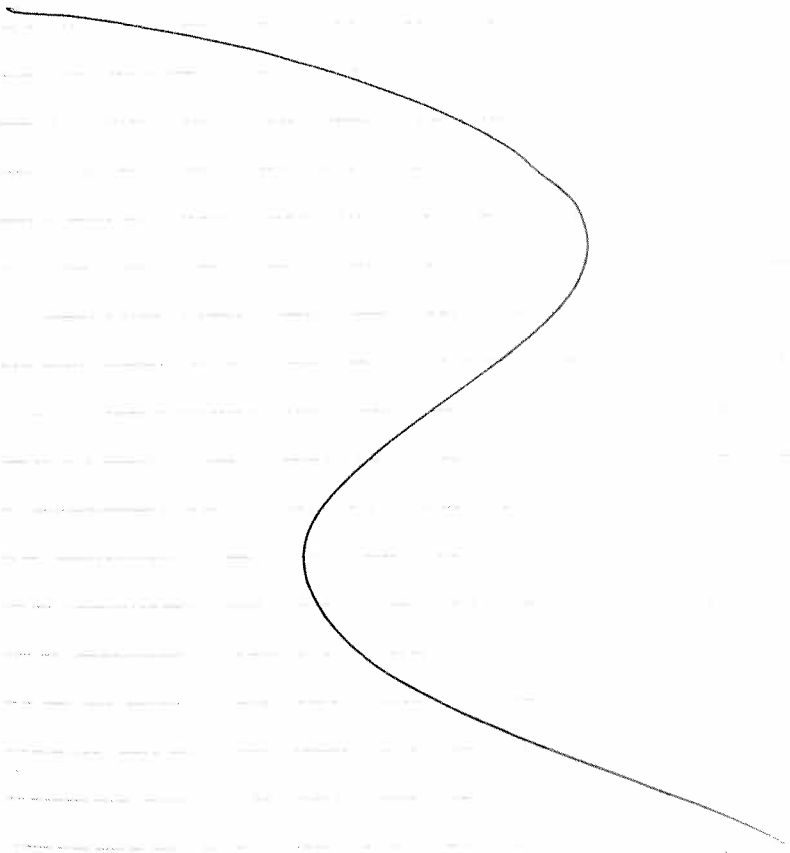
KB, JP, BC

09-28-09 (6) cont.

1425 set-up/burn wood from ABS-05

1445 end burn, check pumps:
JP4.0L= 4.1Lpm BC4.0L= 4.0Lpm
JP2.0L= 1.9Lpm BC2.0L= 2.0Lpm

1515 Libby Field Office to upload photos, GPS data



KB

ABS Book #4 40°F, calm, clear

KB, JP, BC

09-29-09

0630 Libby Field Office

0700 decon trailer

0745 arrive @ ABS-06, check pumps:
JP4.0L= 4.0 Lpm BC4.0L= 4.0 Lpm
JP2.0L= 2.0 Lpm BC2.0L= 2.0 Lpm

person #1 (JP) 4.0L Hiking=	P3-01288 BL673457
2.0L Hiking=	P3-01289 BL673619 Ⓐ
person #2 (BC) 4.0L Hiking=	P3-01290 BL673521 Ⓐ
2.0L Hiking=	P3-01291 BL673487 Ⓐ

0754 BEGIN HIKING, #1 in the lead
0834 switch to #2 in the lead
0914 END HIKING, check pumps:
JP4.0L= 4.0 Lpm BC4.0L= 3.9 Lpm
JP2.0L= 2.0 Lpm BC2.0L= 2.0 Lpm

person #1 (JP) 4.0L WG/FP/BU=	P3-01292 BL673503
2.0L WG/FP/BU=	P3-01293 BL673501 Ⓐ

ABS Book #4 40°F, light breeze clear

KB, BC, JP

09-29-09 ② cont.

person #2 (BC) 4.0L WG/FP/BU=	P3-01294 BL673455 Ⓐ
2.0L WG/FP/BU=	P3-01295 BL673511 Ⓐ

check pumps: JP4.0L= 4.0 Lpm BC4.0L= 4.0 Lpm
JP2.0L= 2.0 Lpm BC2.0L= 2.0 Lpm

0925 BEGIN WOOD GATHERING
0935 END WG, BEGIN FIRE PIT DIGGING
0940 END FP, check pumps:
JP4.0L= 4.0 Lpm BC4.0L= 4.0 Lpm
JP2.0L= 2.0 Lpm BC2.0L= 1.9 Lpm

person #1 (JP) 4.0L ATV=	P3-01296 BL673460
2.0L ATV=	P3-01297 BL673773 Ⓐ
person #2 (BC) 4.0L ATV=	P3-01298 BL673524 Ⓐ
2.0L ATV=	P3-01299 BL674053 Ⓐ

check pumps:
JP4.0L= 4.0 Lpm BC4.0L= 4.0 Lpm
JP2.0L= 2.0 Lpm BC2.0L= 2.0 Lpm

0945 BEGIN ATV #1 in lead
0955 switch to #2 in lead
1005 END ATV

09-29-09 ③ cont. KB, BC, JP

check pumps: JP4.0L= 4.0Lpm BC4.0L= 4.0Lpm
JP2.0L= 2.0Lpm BC2.0L= 2.0Lpm

1015 Leave site

1030 arrive @ ABS-07, check pumps.
JP4.0L=4.0Lpm BC4.0L= 4.0Lpm
JP2.0L= 2.0Lpm BC2.0L= 2.0Lpm

person #1(JP)4.0Lhiking = P3-01300 BL673913

2.0Lhiking = P3-01301 BL673465 Ⓐ

person #2(BC)4.0Lhiking = P3-01302 BL673488 Ⓐ

2.0Lhiking = P3-01303 BL673462 Ⓐ

1038 BEGIN HIKING, #1 in the lead
1118 switch to #2 in the lead
1158 END HIKING, check pumps:
JP4.0L= 4.0Lpm BC4.0L= 4.0Lpm
JP2.0L= 2.0Lpm BC2.0L= 2.0Lpm

person #1(JP)4.0LWG/FP/BU = P3-01304 BL673471

2.0LWG/FP/BU = P3-01305 BL673530 Ⓐ

09-29-09 ④ cont. KB, JP, BC

person #2(BC)4.0LWG/FP/BU = P3-01306 BL673468 Ⓐ

2.0LWG/FP/BU = P3-01307 BL673464 Ⓐ

check pumps: JP4.0L= 4.0Lpm BC4.0L= 4.0Lpm
JP2.0L= 2.0Lpm BC2.0L= 2.0Lpm

1205 BEGIN WOOD GATHERING
1215 END WG, BEGIN FIRE PIT DIGGING
1220 END FP, check pumps:
JP4.0L= 4.0Lpm BC4.0L= 4.0Lpm
JP2.0L= 2.0Lpm BC2.0L= 2.0Lpm

person #1(JP)4.0LATV = P3-01308 BL673554

2.0LATV = P3-01309 BL673747 Ⓐ

person #2(BC)4.0LATV = P3-01310 BL673852 Ⓐ

2.0LATV = P3-01311 BL673469 Ⓐ

check pumps: JP4.0L= 4.0Lpm BC4.0L= 4.0Lpm
JP2.0L= 2.0Lpm BC2.0L= 2.0Lpm

1225 BEGIN ATV, #1 in the lead
1235 switch to #2 in the lead
1245 END ATV, check pumps:
JP4.0L= 4.0Lpm BC4.0L= 4.0Lpm
BCJP2.0L= 2.0Lpm BC2.0L= 2.0Lpm
KB

ABS Book #4 windy, cool, cloudy

09-29-09 Ⓔ cont. KB, JP, BC

1255 leave site and decon

1340 arrive @ decon trailer/flyway
check pumps: JP4.0L = 4.0Lpm BC4.0L = 4.0Lpm
JP2.0L = 2.0Lpm BC2.0L = 2.0Lpm

1346 set-up/burn wood from ABS-07

1406 end burn, check pumps:
JP4.0L = 4.0Lpm BC4.0L = 4.0Lpm
JP2.0L = 2.0Lpm BC2.0L = 1.9Lpm
check pumps with cassettes from ABS-06
JP4.0L = 4.0Lpm BC4.0L = 4.0Lpm
JP2.0L = 2.0Lpm BC2.0L = 2.0Lpm

1413 set-up/burn wood from ABS-06

1433 end burn, check pumps
JP4.0L = 4.0Lpm BC4.0L = 4.0Lpm
JP2.0L = 2.0Lpm BC2.0L = 2.0Lpm

1450 Libby Field Office

KB

ABS Book #4 40°F, mostly cloudy, calm

09-30-09 KB, BC, JP

0730 Libby Field Office

0800 Flyway
arrive @ ABS-08, check pumps:
JP4.0L = 4.0Lpm BC4.0L = 4.0Lpm
JP2.0L = 2.0Lpm BC2.0L = 2.0Lpm

person #1 (JP) 4.0L Hiking =	P3-01312 BL673587	
2.0L Hiking =	P3-01313 BL673520	Ⓐ
person #2 (BC) 4.0L Hiking =	P3-01314 BL670620	Ⓐ
2.0L Hiking =	P3-01315 BL670629	Ⓐ

0834 BEGIN HIKING, #1 in the lead
0914 switch to #2 in the lead
0934 END HIKING, check pumps:
JP4.0L = 3.9 Lpm BC4.0L = 3.9Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0Lpm

person #1 (JP) 4.0L WG/FP/BU =	P3-01316 BL670664	
2.0L WG/FP/BU =	P3-01317 BL670612	Ⓐ
person #2 (BC) 4.0L WG/FP/BU =	P3-01318 BL670603	Ⓐ

ABS BOOK #4 calm, 40°F, mostly cloudy

KB, BC, JP

09-30-09 ② cont.

person #2 (BC) 2.0L WG/FP/BU = P3-01319 BL670619 Ⓐ

check pumps: JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

1000 BEGIN WOOD GATHERING
1010 END WG, BEGIN FIRE PIT DIGGING
1015 END FP, check pumps:
JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

person #1 (JP) 4.0L ATV = P3-01320 BL670659
2.0L ATV = P3-01321 BL670608 Ⓐ
person #2 (BC) 4.0L ATV = P3-01322 BL670618 Ⓐ
2.0L ATV = P3-01323 BL670606 Ⓐ

check pumps: JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

1021 BEGIN ATV, #1 in the lead
1031 switch to #2 in the lead
1041 END ATV, check pumps:
JP4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm
BC4.0L = 4.0 Lpm
BC2.0L = 2.0 Lpm

ABS BOOK #4 40's°F, PC, calm

KB, JP, BC

09-30-09 ③ cont.

1050 leave site

1103 Arrive @ ABS-II, check pumps:
JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

person #1 (JP) 4.0L Hiking = P3-01324 BL670593
2.0L Hiking = P3-01325 BL670680 Ⓐ
person #2 (BC) 4.0L Hiking = P3-01326 BL670715 Ⓐ
2.0L Hiking = P3-01327 BL670683 Ⓐ

1112 BEGIN HIKING, #1 in the lead
1152 switch to #2 in the lead
1232 END HIKING, check pumps:
JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm
JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

person #1 (JP) 4.0L WG/FP/BU = P3-01328 BL670604
2.0L WG/FP/BU = P3-01329 BL670611 Ⓐ
person #2 (BC) 4.0L WG/FP/BU = P3-01330 BL670610 Ⓐ
2.0L WG/FP/BU = P3-01331 BL670621 Ⓐ

ABS Book #4 40s-50s°F, overcast, calm

04-30-07 (A) cont. KB, JP, BC

check pumps: JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm

JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

1240 BEGIN WOOD GATHERING

1250 END WG, BEGIN FIRE PIT DIGGING

1255 END FP, check pumps:

JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm

JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

P3-01332

person #1 (JP) 4.0L ATV = BL6706671

P3-01333 (A)

2.0L ATV = BL6705916

P3-01334 (A)

person #2 (BC) 4.0L ATV = BL6706600

P3-01335 (A)

2.0L ATV = BL6706633

check pumps: JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm

JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

1301 BEGIN ATV #1 in the lead

1311 switch to #2 in the lead

1321 END ATV, check pumps:

JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm

JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

leave site and decon

1410 back to flyway; decon area

check pumps:

ABS Book #4 50s°F, AC to mostly cloudy, intermittent light breeze

04-30-07 (B) cont. KB, JP, BC

JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm

JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

1415 set-up/burn wood from ABS-08

1435 end burn, check pumps:

JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm

JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

check pumps w/ cassettes from ABS-11

JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm

JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

1440 set-up/burn wood from ABS-11

1500 end burn, check pumps:

JP4.0L = 4.0 Lpm BC4.0L = 4.0 Lpm

JP2.0L = 2.0 Lpm BC2.0L = 2.0 Lpm

1515 Libby Field Office

KB

ABS BOOK #4 Cold 32° Clear

10-5-09 JK, JP, BC

0630 @ Libby Coffee / gather Supplies

0700 Health & Safety

0815 @ ABS-03

GPS N. 48° 30.205' Elev

West 115° 22.155' 4439 FT

Check Pumps JP(4.0L) 4.0L BC(4.0L) 4.0

JP(2.0L) 2.0Lpm BC(2.0L) 2.0

P3-01336

person #1 (JP) 4.0L HIKE = BL673948

P3-01337

JP(2.0L) HIKE = BL673968

P3-01338

person #2 (BC) 4.0L HIKE = BL673924

P3-01339

BC (2.0L) HIKE = BL670635

0830 START HIKE person #1 in lead

0910 Switch person #2 in lead

0950 STOP HIKE / check pumps

JP(4.0L) = 4.0 Lpm BC(4.0L) = 3.95 Lpm

JP(2.0L) = 2.0 Lpm BC(2.0L) = 2.0 Lpm

P3-01340

person #1 (JP) 4.0L WG/FP/BU = BL673916

P3-01341

JP (2.0L) WG/FP/BU = BL674025

ABS BOOK #4 Clear Cool-winding 45°

10-5-09 JK, JP, BC

P3-01342

person #2 (BC) 4.0L WG/FP/BU BL673975

P3-01343

BC (2.0L) WG/FP/BU BL673972

1000 START Wood Gathering (WG)

1010 STOP WG / START Digging FP

1015 STOP Digging — Check pumps

JP(4.0L) = 3.95 Lpm BC(4.0L) = 3.95 Lpm

JP(2.0L) = 2.0 Lpm BC(2.0L) = 2.0 Lpm

P3-01344

person #1 (JP) 4.0L ATV = BL674027

P3-01345

JP (2.0L) ATV = BL673942

P3-01346

person #2 (BC) 4.0L ATV = BL673919

P3-01347

BC (2.0L) ATV = BL673921

1023 START ATV person #1 in lead

1033 Switch person #2 in lead

1043 STOP ATV — check pumps

JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm

JP(2.0L) = 1.9 Lpm BC(2.0L) = 2.0 Lpm

1125 @ Devon Area

1200 Arrive @ Devon Trailer / Flyway

ABS BOOK #4 — Spot clouds / sun 45-52°

10-5-09 — JK, BC, JP

1205 Check/set pumps
1211 START / SET UP FIRE
1231 STOP / Put out FIRE

- check pumps

JP(4.0L): 4.05 lpm	BC(4.0L): 4.0 Lpm
JP(2.0L): 2.05 lpm	BC(2.0L: 2.0 Lpm

1240 BC/JP leave Site
1320 Back in Libby

1700 - 1800 : Download GPS / Weather Check - Email Chain for day

Jek

ABS BOOK #4 — Clear, cold 30's

10-6-09 — JK, BC, JP

0640 @ field office
0700 @ Decon - frozen pump
0720 Health & Safety
0815 Arrive @ ABS-02
Check pumps / set

P3-01348

person #1 (JP)(4.0L) HIKE= BL673930

P3-01349

JP(2.0L) HIKE= BL673965

P3-01350

person #2 (BC)(4.0L) HIKE= BL673977

P3-01351

BC(2.0L) HIKE= BL674002

0822 START HIKE — person #1 in lead
0902 Switch — person #2 in lead
0942 STOP HIKE / check pumps - set

JP(4.0L): 3.9 Lpm	BC(4.0L): 3.9 Lpm
JP(2.0L): 1.95 Lpm	BC(2.0L): 1.95 Lpm

P3-01352

person #1 (JP) 4.0L WG/FP/BU= BL673931

P3-01353

JP (2.0L) WG/FP/BU= BL673932

→ appears cold may effect pumps a little

10-6-09 JK, JP, BC

person #2 (BC) 4.0L WG/FP/BU = P3-01354 BL673998

BC(2.0L) WG/FP/BU = P3-01355 BL673964

0952 START WOOD GATHERING (WG)
1002 STOP WOOD Gather / START Dig
1007 STOP Digging – check pumps
JP(4.0L) = 4.0 lpm BC(4.0L) = 4.0 lpm
JP(2.0L) = 2.0 lpm BC(2.0L) = 2.0 lpm P3-01356

person #1 JP(4.0L) ATV = BL673939 P3-01357

JP(2.0L) ATV = BL673933 P3-01358

person #2 BC(4.0L) ATV = BL673928 P3-01359

BC(2.0L) ATV = BL673946 P3-01360

(1000) Field Blank BL673973

GPS North 48° 31.487'
West 115° 18.325' Elev 3215 ft

1016 START ATV person #1 in Lead
1026 Switch person #2 in Lead
1036 STOP ATV – check pumps

10-6-09 JK, JP, BC

JP(4.0L) = 4.0 lpm BC(4.0L) = 4.0 lpm
JP(2.0L) = 2.0 lpm BC(2.0L) = 2.0 lpm

1043 Leave Site / Decon
1106 Arrive @ ABS-05
GPS N. 48°28.957'
W. 115°19.558' Elev 3410 FT
1112 START HIKE person #1 in Lead
1152 Switch person #2 in Lead
1232 STOP HIKE

person #1 JP(4.0L) HIKE = P3-01361 BL670669

JP(2.0L) HIKE = P3-01362 BL670631

person #2 BC(4.0L) HIKE = P3-01363 BL670672

BC(2.0L) HIKE = P3-01364 BL670687

1233 check pumps JP(4.0L) = 4.0 lpm BC(4.0L) = 3.95 lpm Reset
JP(2.0L) = 2.0 lpm BC(2.0L) = 2.0 lpm

person #1 JP(4.0L) WG/FP/BU = P3-01365 BL670696

JP(2.0L) WG/FP/BU = P3-01366 BL670644

ABS BOOK #4 — Thin clouds & Sun, light breeze, cool 40°

10-6 09 — JK, JP, BC

P3-01367

person #2 BC(4.0L) WG/FP/BU: BL670627

P3-01368

BC(2.0L) WG/FP/BU: BL670639

1237 START WOOD GATHERING (WG)
1247 STOP WG / START FP Digging
1252 STOP Digging — check pumps
JP(4.0L): 4.0 Lpm BC(4.0L): 4.0 Lpm
JP(2.0L): 1.95 Lpm (reset) BC(2.0L): 2.0 Lpm

P3-01369

person #1 JP(4.0L) ATV: BL673991

P3-01370

JP(2.0L) ATV: BL670650

P3-01371

person #2 BC(4.0L) ATV: BL670675

P3-01372

BC(2.0L) ATV: BL670628

1300 START ATV — person #1 in lead
1310 Switch — person #2 in lead
1320 STOP ATV — check pumps
JP(4.0L): 4.0 Lpm BC(4.0L): 4.0 Lpm
JP(2.0L): 2.0 Lpm BC(2.0L): 1.95 Lpm (reset)
1330 Leave Site

ABS BOOK #4 — Breeze, Sun & Clouds, high 40's

10-6-09 — JK, JP, BC

1402 Arrive @ ABS-06
site: looking for new cover for flag
GPS: N. 48° 28.347'
W 115° 23.075' Elev 3524'
Check/set pumps
1409 START HIKE — person #1 in lead

P3-01373

person #1 JP(4.0L) HIKE: BL670691

P3-01374

JP(2.0L) HIKE: BL670646

P3-01375

person #2 BC(4.0L) HIKE: BL670653

P3-01376

BC(2.0L) HIKE: BL673956

1449 Switch — person #2 in Lead
1529 STOP HIKE — check pumps
JP(4.0L): 4.0 Lpm BC(4.0L): 4.0 Lpm
JP(2.0L): 2.0 Lpm BC(2.0L): 2.0 Lpm

P3-01377

person #1 JP(4.0L) WG/FP/BU: BL673944

P3-01378

JP(2.0L) WG/FP/BU: BL673980

P3-01379

person #2 BC(4.0L) WG/FP/BU: BL673914

ABS - BOOK #4 Overcast cool 50s

10-6-09 JK, JP, BC

P3-01380

BC(2.0L) W/FP/BU = BL673984

1535 START WOOD GATHERING (WG)
1545 STOP WG / START FP Digging
1550 STOP Digging - Check pumps
JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm BC(2.0L) = 2.0 Lpm

P3-01381

person #1 JP(4.0L) ATV = BL673967

P3-01382

JP(2.0L) ATV = BL673925

P3-01383

person #2 BC(4.0L) ATV = BL673938

P3-01384

BC(2.0L) ATV = BL673943

1557 START ATV - person #1 in lead
1607 Switch person #2 in lead
1617 STOP ATV - Check pumps
JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm BC(2.0L) = 2.0 Lpm
1632 @ Decon Area
1708 @ Decon Trailer / Flyway
- Check pumps - ok

ABS - BOOK #4 Overcast cool 55s

10-6-09 JK, JP, BC

1714 START / SET UP FIRE - ABS-06
1734 Put out fire - check pumps
JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm BC(2.0L) = 2.0 Lpm

1738 START / SET UP FIRE - ABS-05
1758 Put out fire - check pumps
JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm BC(2.0L) = 2.0 Lpm

1802 START / SET UP FIRE - ABS-02
1822 Put out fire - check pumps
JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm
JP(2.0L) = 2.0 Lpm BC(2.0L) = 1.9 Lpm
1830 Depart Flyway - Decon Trailer
1840 @ Libby Office / plug in Toby pick up @ 1850
2000 START GARMIN Downloads / check weather - Start chains. Download & Create Polys for Oleys sites.
2200 - Done for Day

JJK

ABS BOOK #4 Overcast cold 30's

10-7-09 JK, BC, JP

0620 @ Libby Office
0632 @ Decon Trailer Flyway
Prepare pumps - Burn for other team
- change in plans - try for sites before Rain
0725 - Light Rain hope for rain to stop @ arrival to site
0800 Arrive @ ATV site ABS-10
Rain not letting up turning to snow Road no longer dry
0850 Return to Decon - Flyway
other team - came & gone
0915 Return to Libby
- Rain most of the rest of day - Check weather - possible chance to clear up in ~~sto~~ afternoon to next morning.

JCK

ABS BOOK #4 Light snow cold low 30's

10-8-09 JK, JP, BC

0800 - Attempt to go out - crew reported snow (light @ flyway)
~~[illegible]~~ put off burn till 1500
- light snow flurries in Libby
1000 Arrive @ Decon (Flyway)
- overcast no snow
Check pumps JP(4.0L) 4.0 lpm BC(4.0L) 4.0 lpm
JP(2.0L) 2.0 lpm BC(2.0L) 2.0 lpm
1011 START BURN/FIRE ABS-13
1031 STOP/Put out FIRE
- Check pumps JP(4.0L) = 4.0 lpm BC(4.0L) = 4.0 Lpm
" 2.0L = 2.0 Lpm " 2.0L = 1.95 lpm
1130 @ Libby Office
- Finish paper work

JCK

ABS BOOK #4

Fog, Cool 30°
Wet to Damp

11-9-09

JK, TL, Chapman Cr.

0830 @ field office gather supplies
0855 @ Devon flyway Trailer
Talk about conditions & possible
snow areas.
0930 Head for ABS-1/2 see conditions
1000 Health & Safety ABS-2
was damp some dust on main
dirt Rd (in sun) other team go
to look @ ABS-1

1030 Arrive @ ABS-2
Damp Conditions - Sun w/ some clouds
Check pumps JP(4.0L) = 4.0 Lpm BC(4.0L) = 4.0 Lpm
JP(2.0L) 2.0 Lpm BC(2.0L) = 2.0 Lpm
1055 START HIKE person #1 in lead
1135 Switch HIKE person #2 in lead
1215 STOP HIKE - Check pumps
JP(4) = 4.05 (Read) JP(2) = 1.975 (Read) BC(4) = 4.0 BC(2) = 2.0

person #1 JP(4.0L) HIKE = P3-01385 BL670690
JP(2.0L) HIKE = P3-01386 BL670684
person #2 BC(4.0L) HIKE = P3-01387 BL670685
BC(2.0L) HIKE = P3-01388 BL670709

ABS BOOK #4

Sun w/ trace clouds
40-50 °F calm

JK, JP, BC

11-9-09

person #1 JP(4.0L) WG/FP/BU = P3-01389 BL670652
JP(2.0L) WG/FP/BU = P3-01390 BL670663
person #2 BC(4.0L) WG/FP/BU = P3-01391 BL670682
BC(2.0L) WG/FP/BU = P3-01392 BL670678

1227 START WOOD GATHERING (WG)
1237 STOP WOOD GATHERING / START DIG
1242 STOP Digging - check pumps
JP(4) = 4 Lpm JP(2) = 2 Lpm BC(4) = 4 Lpm BC(2) = 2 Lpm

person #1 JP(4.0L) ATV = P3-01393 BL670704
JP(2.0L) ATV = P3-01394 BL670674
person #2 BC(4.0L) ATV = P3-01395 BL670673
BC(2.0L) ATV = P3-01396 BL670714

GPS N. 48° 31.238' Elev 2833 FT
W 115° 17.543'
- Truck base - wood taken - In sun 100 FT North
- Dig - Area Damp -
1253 START ATV - went - (dummy - south)
read most dry in Area Person #1 in lead

11-9-09 JK, JP, BC

1303 Switch ATV person #2 in lead

1313 STOP ATV - check pumps

JP(4) 4.0 Lpm JP(2) 2.0 Lpm BC(4) 4.0 Lpm BC(2) 2.0 Lpm

1320 Clean up Move to ABS-5

1345 Arrive @ ABS-5 after scan of area for driest spot

- Samp conditions - check pumps

SP(4) 4.0 Lpm JP(2) 2.0 Lpm BC(4) 4.0 Lpm BC(2) 2.0 Lpm

P3-01397

person #1 JP(4.0L) HIKE BL670717

P3-01398

JP(2.0L) HIKE - BL670701

P3-01399

person #2 BC(4.0L) HIKE - BL670693

P3-01400

BC(2.0L) HIKE - BL670681

1355 START HIKE person #1 in lead

1435 Switch person #2 in lead

1515 STOP HIKE - check pumps

JP(4.0) 4.0 Lpm BC(4.0) = 4.0 Lpm

JP(2.0) 2.0 Lpm BC(2.0) = 2.0 Lpm

P3-01481

person #1 JP(4.0L) WG/FP/BU = BL670645

11-9-09 JK, JP, BC

P3-01482

JP(2.0L) WG/FP/BU = BL670689

P3-01483

person #2 BC(4.0L) WG/FP/BU BL670654

P3-01484

BC(2.0L) WG/FP/BU = BL670658

1521 START Wood Gathering (WG)

1531 STOP WG - START Digging

1536 STOP Digging - check pumps

JP(4.0L) 4.0 Lpm BC(4.0L) 4.0 Lpm

JP(2.0L) 2.0 Lpm BC(2.0L) 2.0 Lpm

P3-01485

person #1 JP(4.0L) ATV = BL670713

P3-01486

JP(2.0) ATV = BL670710

P3-01487

person #2 BC(4.0L) ATV = BL670665

P3-01488

BC(2.0L) ATV = BL670652

- Clouds have moved in - 40's

1545 START ATV person #1 in lead

1555 Switch person #2 in lead

1605 STOP ATV - Check pumps

JP(4.0L) = 4.0 Lpm BC(4.0) = 3.95 Lpm

JP(2.0L) = 2.0 Lpm BC(2.0L) = 2.0 Lpm

ABS BOOK #4 Overcast Low 40's

11-9-09 JK, JP, BC

1618 - Load up - move to decon Location

1645 - leave Decon for Trailer

1715 - leave flyway after dropping off 4-wheelers

1730 - In Lobby

JCK

11-10-09 - Rain in Morning

0900 @ office - Touch base w/ John - Grab ISCO Supplies

0930 @ Decon Trailer Touch Base / Drive up to ABS-8 & 11 Wet Conditions

1010 Back @ Decon Trailer - Check pumps

JP(4.0L) 4.0Lpm BC(4.0L) - 4.0Lpm

JP(2.0L) 2.0Lpm BC(2.0L) - 2.0Lpm

JR(4.0L) 4.0Lpm CB(4.0L) 4.0Lpm

JR(2.0L) 2.0Lpm CB(2.0L) 2.0Lpm

ABS BOOK #4 Overcast Periodic Rain 40's

11-10-09 JK, TL, Chapman Chev

1045 START ABS-5 Burn - JP & BC

1048 START ABS-2 Burn - JR & CB

- check pumps JP 4.0Lpm JP2 = 2.0Lpm

BC-4 = 3.95Lpm BC-2 = 1.95Lpm

JR-4 = 4.0Lpm JR-2 = 2.0Lpm

CB-4 = 4.0Lpm CB-2 - 2.0Lpm

1105 STOP BURN } Then

1108 STOP BURN }

1120 Drop off Toby (Cheims)

1130 @ Decon Suit up for ISCOs

1225 @ LRC-06 - Download data was working - Data (recording data into November) Flume 0.45' (Take out ISCO)

1255 @ CC-02 - Download Data Error on screen - [illegible] load Flume 0.16' did not look to have data in October.. Take out ISCO

1315 - Tried to download Data (looks like program default to factory) did not record data as it looks like ~~Will~~ Take out ISCO @ LRC-02

Flume (T [illegible]) See ISCO

ABS BOOK #4 Overcast 40's

11-10-09 JK, BC, JP

1340 @ Decon site (Mill Pond)
- Cleaned ISCO's CC-02 / LRC-02
- Both Downloads of CC-02 & LRC-02 - Computer Connection was a default not CC-02 / LRC-02 as before (factory ###)
- Hoses for CC-02/LRC-02 where real dirty (Discarded) - Need new hose for next hook-up

1400 Arrive @ Decon Trailer - Un Suit

1445 ISCO units LRC-06/LRC-02/CC-02 delivered to Libby Field Office
- Cleaned up Storage room to make Room - Powered on ISCO's Same Error on LRC-02 & CC-02

1545 Touch Base with John Garr about Sample bottles ~~(if could)~~ & Boxes to Clean up. etc

1555 Tried to call ISCO - could not get anyone & they are in different time zone.. - Quick look @ Manuals..

1700 - Download Cameras - Organize - Copy to Server .. (Took a long time) slow server
- Download GPS units
- Copied ISCO Books

1900 - Leave Office