

APPENDIX C

FIELD SAMPLING NOTES

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FIELD SAMPLING NOTES

**Active Ignition Phase
and
Smolder Phase**

10/24/03

FT ORD PRES BURN

Mobil 51 POF

1241 2797.02

36" H₂O

1241

12:00-13:00 Sprinkler irrigation system adjacent to MS-1 is operating
- adjusted "rainbirds" to prevent water on the sampling equipment.

1330 Visual observations and photographs of smoke plume above Monterey Peninsula

- some smoke (10-15% opacity) - touching peninsula high points and settling in the trans-peninsula valleys.

- bulk of plume above and moving to the south west of peninsula

1345 Equipment functioning properly

1415-1440 Children pick up from primary school

- peak automobile activity between 1425-1430

Checked _____



Approved _____

The times recorded on this sheet are Pacific Daylight Time (PDT) 7/4

Tuen on order 0B-1

- ① CHAM
- ② Summas
- ③ Mini Ranc
- ④ Mini Vol
- ⑤ CO₂
- ⑥ Adehyds

Field Notes 10/24/03 D. Leberky Fitch Park - 0B-1

- 0630 Arrive at site, begin set up
- 07:25 AM AT site - equipment ready to go waiting for "go ahead"
Clear, calm + cold 52°F
- 0857 - Ignition observed.
- 0858 - Start all equipment
- 0906 - All equipment running
- Very dark, black smoke ~~coming over~~ ^{rolling behind} housing area ^{cover} -
Appears to be heading this way. White, orange + black smoke running behind housing but not yet affecting area of sampling.
- 0915 Hearing small explosion 2-3. Smoke very thick but staying high. No odor, but observer has cold + no smoke in puffer in immediate area. Explosions continue....
- 1000 Equipment check performed - all running, all ok
- 1100 No smoke in puffer observed.
- 1105 Equipment check performed - all running + ok
- 1125 Left site → Staging Area

Checked _____

Approved _____

(ued)

The times recorded on this sheet are Pacific Daylight Time (PDT) 20
013-1 cont

- 1259 Back on site for equipment check - Fitch Part Area
more smoky than this morning - light smoke in Area
- 1305 All equipment checked - all OK CHAM OK ✓
- 1308 Left site for Biog 4900.
- 1505 Returned to site for equipment check. General haze, no smoke
- 1511 Equipment check complete - all OK - leave site to Biog 4900
CHAM - OK
- 1653 Return to Fitch Part - prepare to shut down at
1700.
- 1725 All samples finished + all equipment down except.
Minivol - started at 1719 for 2nd run
- 1730 Leave site for 4900

Checked



Approved

Project: Fort Ord Burn - OB-2 BLM SITE Job No.: 56286 080105
 Subject: FIELD INVESTIGATION DAILY REPORT Date: 10-24-03
 Equipment Rental: _____ Company: _____ To: B. Wilcox
 Equipment Hours: _____ F.E. Time from: _____ to: _____ By: LDF

(Outside service and expense record must be attached for any outside costs)

0625 Arrive on site, unlock BLM entrance gate. Begin Equipment Set-up.

EQUIPMENT IDS

DADRAM: 3034

Low flow pump: 905-153

Min Vol: 159 Filter # TF470100

SUMMA: 34721 Flow Reg. 34721

CO/CO2 73927

0700 EQUIPMENT READY, waiting for ignition signal.

weather clear, no wind

0725 USACHPPM Personnel onsite, start PUF sampler, offsite.

0801 15-minute notice received via radio, slight smell of smoke - possibly test fire

0812 slight wind from ESE

0823 Helicopter overhead, no wind

0834 spoke to BLM personnel onsite, helicopter again circling overhead

0858 Notice to proceed received, starting equipment.

0903 start CO/CO2 meter CO2 @ 300 ppm and increasing

~~0907 START MINIRAM XM~~

0913 START MINIRAM

0917 Helicopters carrying buckets passing overhead.

0920 smoke plume visible, appears to be going up, then beginning drift seaward
 can't see ground area so can't estimate height of plume

0932 Helicopter hovering at BLM driveway entrance to refill bucket(?) Kicking up
 substantial dust.

0940 Low flow pump started & calibrated by M. Walraven. Flow rate calibrated at 2.152.

0945 walraven offsite. Increase in plume size, apparent shift in direction
 to the southeast, appears to be reaching higher elevation.

1002 Primary plume height appears to have decreased, more westerly flow. Easterly wind (light)
 observed at OB-2

1010 Plume height increasing again, more consistent easterly wind observed at OB-2.

1045 Helicopters cycling through regularly, kicking up dust, but not as much as previously

Attachments:

Initial

Checked [Signature]

Project: Fort Ord Burn OB-2 BLM Job No.: 56286 080105
 Subject: FIELD INVESTIGATION DAILY REPORT Date: 10-24-03
 Equipment Rental: _____ Company: _____ To: B Wilcer
 Equipment Hours: _____ F.E. Time from: _____ to: _____ By: LDF

(Outside service and expense record must be attached for any outside costs)

1050 All equipment operating within expected parameters.

PUF @ 12.5, 2780 on meter

Low-Flow pump @ 1:06 run time, flow ~ 2

CO/CO₂ meter 285 ppm CO₂, -0.2 CO, 20.0% RH, 77.2 F°

DATA RAM CONC. 0.019, TWA 0.021

SUMMA @ -24

1135 Winds mostly light to none other than what's stirred up by helicopters. Some particulates drifting down, but this appears to be mostly dust from heli-activity rather than ash.

1200 All units operating properly.

PUF @ 12, 2793 on meter

Low-Flow pump @ 2:19 ET, flow ~ 2

DATA RAM CONC. 0.015, TWA 0.021

CO/CO₂: CO₂ 273 ppm, CO @ 0.5 ppm, 15.2% RH, 82.7 F°

SUMMA @ -21

1315 wind shift abft. Smoke overhead at OB-2 aloft, none on the ground.

EQUIPMENT functioning properly.

CO/CO₂ meter: CO₂ 292 ppm, 0.8 CO, 15.4% RH, 85.5 F°

DATA RAM: 0.018 CONC., TWA 0.020

SUMMA: -17.0

PUF: 16, meter 2806

1340 Distinct smell of smoke at site continued smoke overhead

1415 smoke at ground level at site, most smoke still aloft though. No ash observed.

EQUIPMENT still functioning properly.

PUF: @ 16, meter 2815

Low Flow: 4:34 ET, flow @ 2

DATA RAM: CONC. 0.027, TWA 0.019

CO/CO₂: CO₂ 302 ppm, CO 0.6 ppm, 14.6% RH, 88.5 F°

SUMMA: -15

1420 No wind. Plume aloft moving SSE. Light smoke on the ground, less than 10 minutes ago.

1445 smoke at ground level. Most is south of a sharp gradient line between OB-2 and the backstop/hillsides of ranges 39/40.

Attachments:

1455 smoke shifting north into OB-1

Initial

Project: Font Ord Burn - OB-2 BLM Job No.: 56286 080105
 Subject: FIELD INVESTIGATION DAILY REPORT Date: 10-24-03
 Equipment Rental: _____ Company: _____ To: B. Wilco
 Equipment Hours: _____ F.E. Time from: _____ to: _____ By: LDF

(Outside service and expense record must be attached for any outside costs)

1500 smoke density increasing. Ash particles up to 3/8-inch observed (few).

1510 smoke density decreasing, cessation of ashfall, smell still very strong.

PUF: 16.5 meter 2825

Low-flow: 5:31 ET, flow ~ 2

DATA RAM: Conc. 0.034, TWA 0.043

CO/CO₂ CO₂ 323, CO 4.2, 18.7% RH, 85.4°F

Summa -13.5

1517 wind shift, smoke increasing again, CO value increasing to 7.4 ppm, resumed ashfall. Smoke plume height appears to have decreased substantially.

1540 CO/CO₂ meter: CO₂ 379, CO 14.5, 27.2% RH, 76.6°F

DATA RAM Conc. 1.344, TWA 0.102

Summa -13

Low-flow pump 6:00 ET, ~ 2 flow

PUF 16.5, meter 2830

VISUAL: heavy smoke on ground, accompanying ashfall.

1600 still smoky,

Low-Flow @ 6:24 ET, flow @ ~ 2

DATA RAM: Conc. 0.663, TWA 0.131

CO/CO₂: CO 374, CO₂ 13.5, 20.1% RH, 82.0°F

Summa: -12

PUF: 16.5, meter @ 2834

1610 CO reading 18.3 ppm

1630 smoke has mostly dissipated and/or shifted slightly south.

1640 Summa @ -11

CO/CO₂ @ 345 CO₂, 5.1 CO, 21.7% RH, 76.2°F

Low flow @ 7:00 ET, ~ 2 flow

DATA RAM @ Conc. 0.181, TWA 0.148

PUF @ 16.5, meter @ 2840

Plume height ~ 2000 feet blowing onshore, smoke on ground immediately south of OB-2.

Attachments:

Initial

Project: Fort Ord Burn OB-2

Job No.: 56286 080105

Subject: FIELD INVESTIGATION DAILY REPORT

Date: 10-24-03

Equipment Rental: _____ Company: _____

To: B Wilker

Equipment Hours: _____ F.E. Time from: _____ to: _____

By: LDF

(Outside service and expense record must be attached for any outside costs)

1700 Begin equipment shutdown, moderate smoke level.

1704 CO/CO₂ 335 CO₂, 2.8 CO, 27.1% RH, 75.1°F. Shutdown meter.

1710 DATARAM SHUTDOWN. Final read conc. 0.142, TWA 0.149

1715 Close SUMMA valve. Final read -10.0

1730 Pump on MINI-VOL appears to have shut off at 72.8 ET, checked at 1725 hrs
Replaced samp filter media and battery and restarted.

1740 hrs. Restart mini vol

1748 shut down low-flow sampler, flow at 2.262 on dry cal meter.

1800 MINI-VOL STILL FUNCTIONING PROPERLY

1805 OFFSITE for Bldg 4900

Attachments:

Initial

Project: <u>Fort Ord Burn OB-2 (BLM)</u>	Job No.: <u>56286 080105</u>
Subject: <u>FIELD INVESTIGATION DAILY REPORT</u>	Date: <u>10-25-03</u>
Equipment Rental: _____	Company: _____
Equipment Hours: _____	F.E. Time from: _____ to: _____
By: <u>LDF</u>	

(Outside service and expense record must be attached for any outside costs)

0730 Arrive onsite, begin set-up. Mini-vol still operating.

0753 shutdown mini-vol, ET @ ~~87.0~~ ^{87.0}, flow 5.1, change Filters.

0800 open Summa, initial vacuum = 28.6

0803 start CO/CO₂ meter, initial readings: CO₂ = 307, CO = 0.2, ~~87.0~~ %RH = 55.1, Temp 59.1

0805 start Mini-vol, ET at 87.0, flow at 5.1

0813 start Miniram, initial reading conc. 0.00, TWA 0.00
 spare mini-vol, battery plugged in for recharging
 spare

0820 USACHPPM started PUF unit and departed. All equipment operating within expected parameters. Winds light from the east, steady.

0920 checked mini-vol, ET = 88.3, flow at 5.1
 Summa at -25.0
 CO/CO₂ meter: CO₂ = 323, CO = -1.0, %RH = 39.8, Temp = 65.5° F
 MINIRAM: CONC. = 0.009, TWA = 0.004
 Low-Flow: ET = 1.02, flow ~ 2
 PUF: 14, meter at 2853
 light easterly wind, but can smell smoke.

1035 min vol @ 89.5 ET, flow @ 5 1/2 min.
 Summa: -21.0
 CO/CO₂: CO₂ = 313, CO = 0.5, %RH = 27.7, Temp = 79.3° F
 MINIRAM: CONC = 0.018, TWA = 0.008
 Low-Flow: ET = 2.16, flow ~ 2
 PUF: 12.5, meter 2865
 steady easterly wind at ~ 8-10 mph.

1110 Mini-Vol steady at 5 1/2 min, ET 90.1
 Low-vol 2:50 ET, Flow ~ 2
 CO/CO₂: CO₂ = 305, CO = 0.5, %RH 24.8, Temp = 83.6
 MINIRAM: CONC. 0.021, TWA 0.010
 PUF: 11.5, meter 2871
 Summa: -19.25
 steady easterly wind estimated at 8-10 mph

Attachments:

Initial

Project: <u>Fort Ord Burn OB-2 (BLM)</u>	Job No.: <u>56286 080105</u>
Subject: <u>FIELD INVESTIGATION DAILY REPORT</u>	Date: <u>10-25-03</u>
Equipment Rental: _____ Company: _____	To: <u>B Wilcox</u>
Equipment Hours: _____ F.E. Time from: _____ to: _____	By: <u>LD F</u>

(Outside service and expense record must be attached for any outside costs)

1200 increase helicopter activity, easterly winds decreased.
 Low-flow pump still operating at ~ 2 l/min, but ET display is frozen at 331.
 ET should be about 3140 @ 1200 hrs.

Summa: -16.5
 CO/CO₂: CO₂=312, CO=1.2, %RH=21.8, TEMP=88.9
 MINIRAM: CONC. 0.022, TWA 0.012
 Mini-ud: ET 91.1 @ 5 l/min
 PUF: 15, meter 2881

1245 smoke plume appears to be rising straight up. No wind
 1250 water truck and pickup pass site follow dirt road coming from direction of the fire around south side of BLM compound to Eucalyptus road.
 Smoke plume rising higher (3000'?), upper plume drifting slowly toward OB-2.
 smell of smoke is perceptible.

1300 low-flow: still at ~ 2 l/min, ET locked at 331
 Summa: -14.75
 CO/CO₂: CO₂=300, CO=1.3 %RH=15.9, Temp=96.3
 MINIRAM: CONC. 0.023, TWA 0.013
 PUF: 14.5, 2889
 MiniVol: ET = 91.9, Flow = 5

1350 smoke plume partially obscuring sun overhead, but no smoke at ground level.
 low-flow: ~ 2 l/min flow, ET still frozen at 331
 miniram: conc. 0.006, TWA 0.013
 CO/CO₂: CO₂=309, CO=0.2, %RH 19.1, Temp 88°F
 Summa: -13.0
 PUF: 15, 2897
 mini-Vol: 92.8 ET flow at 5 l/min

1415 smoke on ground at site, light ash fall.
 1445 increasing smoke and ash fall
 low-Vol: ~ 2 l/min, ET frozen at 331
 Miniram: CONC. 1.51, TWA 0.034
 CO/CO₂: CO₂=394, CO=13.2, %RH=17.7, Temp 92.1
 Summa: -10.75

Attachments: MiniVol: ET=93.7, 5 l/min

Initial

Project: Fortord Burn DB-2 Job No.: 56286 080105
 Subject: FIELD INVESTIGATION DAILY REPORT Date: 10-25-03
 Equipment Rental: _____ Company: _____ To: B Wilcox
 Equipment Hours: _____ F.E. Time from: _____ to: _____ By: LDF

(Outside service and expense record must be attached for any outside costs)

1500 Offsite temporarily for fresh air. Heavy smoke. Gate on equipment cage and BLM gate secured.

1555 Backonsite. Smoke considerably reduced. No observed ashfall.

Low-flow: $\sim 2 \frac{1}{2}$ l/min, ET FROZEN AT 331

MINIRAM: CONC. 0.036, TWA 0.055

CO/CO₂: CO₂=302, CO 1.3, %RH=13.6, Temp=92.6°F

Summa: -9.5

PUF: 14.5, 2919

1600 Mini-Vol: 94.9 ET, 5 l/min

1700 Begin equipment shutdown.

CO/CO₂: CO₂=330, CO=0.9, %RH=36.5, Temp=73.0°F

1703 Shutdown CO/CO₂ meter

1709 Shutdown miniram

1712 Shutdown low-flow pump

1720 Shutdown mini-vol, change filter, restart with new fully charged battery which is also plugged into charger and power source.

1725 USA CHPPM onsite to shutdown PUF & recover filter.

1737 Mini-vol still functioning properly at 5 l/min, ET 96.5

1745 EQUIPMENT cage and BLM gate secured. LDF offsite

Attachments:

Initial

The times recorded on this sheet are Pacific Daylight Time (PDT) μ

SITE 033 PROJECT: FORT OLD BURN DATE: 10/24/03

TECH C. NAGLE

CO/CO₂ S/N 230031243 73937

START 0906

Checked 

Approved _____

The times recorded on this sheet are Pacific Daylight Time (PDT) *MC*

FORT ORD

OB 3

10/25/03

C. Nagle

C.O/CO2 ON @ 0918

OFF @ 1746

Checked



Approved

The times recorded on this sheet are Pacific Daylight Time (PDT) ~~16~~

Sheet of
56286 070105

Project: Ft. Ord Burn Job No.: PS-4
Subject: FIELD INVESTIGATION DAILY REPORT Date: 10/24/03
Equipment Rental: _____ Company: _____ To: B. Wilcer
Equipment Hours: _____ F.E. Time from: _____ to: _____ By: K Antonelis

(Outside service and expense record must be attached for any outside costs) MACTEC 9
Kyle Antonelis

- ^(PDT)
1300 Smoke remained North of this location until ~1300 when it began to boom over the area not reaching any further South.
- 1315 - Although looming, smoke remains few hundred (+) feet above head. 1315 cannot smell smoke.
- 1345 - Small amounts of ash began to fall. Smoke continues to move south
- 1400 : Now smell smoke
- 1430 ; Now can feel ^{minor} effects of breathing smoke in lungs and throat
- 1500 : Much more ash ~~begin~~ falling
- 1530 : Ash fall subsides to basically nothing

Attachments:

Initial
Checked 

Harding ESE, Inc.

The times recorded on this sheet are Pacific Daylight (PDT) ^{time} ~~hr~~

Project: Ft Ord Burn PS.4 Job No: _____
Subject: FIELD INVESTIGATION DAILY REPORT Date: _____
Equipment Rental: _____ Company: _____ To: _____
Equipment Hours: _____ F.E. Time from: _____ to: _____ By: Kyle Anderson, 13

(Outside service and expense record must be attached for any outside costs) 10/25/03

^(PDT)
0815: All operations go. No problems. No smoke to be seen
No ash to be seen.

1145: leave site for lunch

1205: return from lunch SMOKE NOW VISIBLE as haze

1400: ~~New smoke plume now~~ Edge of new smoke plume
now directly overhead

1415: Began smelling smoke (slightly) and feel effects on eyes (minimal but present)

1422: first signs of falling ash, particles much smaller than yesterday.

1650: Ten minute 'til shutdown, still minor amounts of smoke seen.

Attachments:

Initial

Checked 

PS-5 (Shirley Tudor)
The times recorded on this sheet are Pacific Daylight Time (PDT) ~~W~~
Sheet 1 of 1

Project: FORD ORD BURN (day 2 10-25-03) Job No.: 56286 060105
Subject: FIELD INVESTIGATION DAILY REPORT Date: 10/25/03
Equipment Rental: _____ Company: _____ To: B. WILCOX
Equipment Hours: _____ F.E. Time from: _____ to: _____ By: SHIRLEY TUDOR

(outside service and expense record must be attached for any outside costs)

Time

8:30 - Clear skies with slight haziness. ~~At~~ Heavier haziness visible to the S/SW. No apparent smoke plumes. Breezy from the NE

Note - Strong fertilizer smell from nearby ag. fields may obscure light smoke odor.

10:30 - Clear skies w/ haziness visible to the N, and S.

Light breeze from NE - No smoke odor detectable.

Light fertilizer smell noticeable.

11:45 - Same conditions as for 10:30.

13:00 - Same conditions as for 11:45, except smoke plume now visible to the West, over the rise.

15:00 - Same conditions as for 13:00, except smoke plume moving east over the rise, toward this station, dispersed and high.

16:00 - Ground level smoke plume is approaching from the SW up the Hwy 68 corridor. Smoke smell now detectable.

Light haziness in the air. (due to power disruption)

** Note Flowmeter was shut down at 15:59. This was just about the time the smoke smell became detectable at this site.

16:30 - Ground level smoke plume about 1/2 mi to 1 mi to the SW along 68 corridor. Breeze has picked up from NW/W. Smoke has cleared at this location - NO smoke smell is detectable.

Dispersed high cloud/smoke overhead in thin layer.

17:00 - Same conditions as for 16:30. No detectable smoke smell. Sky clearing to the west, cloud/smoke layer dispersing. Breeze from the North.

Checked 

Attachments:

Initial

The time recorded on this sheet are Pacific Daylight Time (PDT) ^{NA}

Sheet 1 of 1

Project: FORT ORD RANGE 43-48 BURN

Job No.: 56286 080105 (20)

Subject: FIELD INVESTIGATION DAILY REPORT

Date: 10/24/03

Equipment Rental: _____ Company: _____

To: B. WILKER

Equipment Hours: _____ F.E. Time from: _____ to: _____

By: John RANDALL

(outside service and expense record must be attached for any outside costs)

SITE PS 60 SPRECKLES SCHOOL

Temps RANGED Between 64°F - 89°F

1130 - SMOKE VISABLE AT APPROX. 1500'-2000' ALT. FLOWING WEST

1230 - A HAZE SEEMS TO BE BUILDING OVER THE VALLEY - MAY BE NORMAL CONDITIONS

WIDE DISPERSION OF SMOKE (LIGHT) AT APPROX. 1500'-2000' ALT. DRIFTING WEST AND SPREADING SOUTH.

1330 - SMOKE IS STARTING TO MOVE IN SINGLE PLUME TOWARDS VALLEY STILL AT APPROX. 1500'-2000' ALT. THE AREA DIRECTLY ABOVE TEST SITE HAS CLEARED OF NOTICABLE SMOKE.

1430 - SMOKE BUILDING @ 1500'-2000' ALT ABOVE TEST SITE

1440 - SMOKE'S ~~BASE~~ BASE LOWERING MAYBE LESS THAN 1000' ALT.

1515 - SMOKE IS SPREADING SOUTH AND IS MOSTLY TO WEST OF SITE. VERY LITTLE ABOVE SITE.

Checked 

Attachments:

Initial

The times recorded on this sheet are Pacific Daylight Time (PDT) *M*

Sheet 1 of 1

Project: FORT ORD RANGES 43-48 BURN PS-6 Job No.: 56286 080105
Subject: FIELD INVESTIGATION DAILY REPORT Date: 10/25/03
Equipment Rental: _____ Company: _____ To: B. WILKER
Equipment Hours: _____ F.E. Time from: _____ to: _____ By: JOHN RANDALL

(outside service and expense record must be attached for any outside costs)

ARRIVED AT SITE @ 730 - FOUND SITE LOCKED

GATE OPENED AT 0815

BEGAN TESTING AT 0820

OBSERVED CONDITIONS AT START OF TESTING - NO VISIBLE SMOKE OR SMOKE SMELL.

1240 - SMOKE CAN BE SEEN RISING FROM MRA. LOOKS TO BE DRIFTING IN
A ~~WESTERN~~ ^{EASTERLY} DIRECTION.

1315 - SMOKE PLUME GOING STRAIGHT UP AND SPREADING OUT AT HIGH ALTITUDE.
IT IS NOT COMING CLOSE TO THIS SITE.

1500 - SMOKE IS APPROACHING SITE AT A HIGH ALTITUDE, HOWEVER, THERE
IS A FAINT SMELL OF SMOKE IN THE AIR

Checked 

Approved _____

Attachments:

Initial

The times recorded on this sheet are Pacific Daylight Time (PDT) ^{NA}

Sheet 1 of

Project: BURN SAMPLING → PS-7 Job No.: 56286 08D105
 Subject: FIELD INVESTIGATION DAILY REPORT Date: 10/24/03
 Equipment Rental: _____ Company: _____ To: B. WILGER
 Equipment Hours: _____ F.E. Time from: _____ to: _____ By: SHARON TRAUTMAN

(Outside service and expense record must be attached for any outside costs)

7:15 AM - Monterey Air District P.O.C Arrival - Gate Unlocked for setup

9:00 AM School Buses start arriving

9:11 AM - See Smoke, No Wind, Sunny, No Clouds

9:58 AM - Light breeze started from SE to WEST

10:18 AM - Heard 2 distinctly loud explosions

11:34 AM - Very Sunny + Smoke appears to be dispersing very well to the West

11:50 AM - Noticeable increase in winds

1:05 PM - Highest plane so far + closest to this location so far

2:30 PM - Visit from Water District personnel + San Francisco EPA rep, Kathy Brown, → Asked one question of what we were testing for. Said I don't know + suggested could give him Doug Cover's phone #

3:05 PM - Smoke above very high (maybe 2,000') can't smell

3:25 PM - 1st time could smell smoke + Tonyia (Air District) Microgram readings jumped from 17 (<20) to 300 Range

3:40 PM - Can REALLY see smoke low to ground

4:00 PM - Revisit from (Air District Director + EPA Rep)

4:15 PM - M.A.D. microgram readings > 500

4:50 PM - M.A.D. microgram reading > 1,000

5:10 PM - M.A.D. microgram readings > 2,000

GENERAL

Construction on Hill all day
 Buses pulling in all day
 Took digital pictures from location

Checked [Signature]

Approved _____

Attachments: _____

Initial _____

The times recorded on this sheet are Pacific Daylight Time (PDT) *M*

Sheet 1 of 1

Project: BURN SAMPLING PS-7 Job No.: 56286 080105
Subject: FIELD INVESTIGATION DAILY REPORT Date: 10/25/03
Equipment Rental: _____ Company: _____ To: B. WILKER
Equipment Hours: _____ F.E. Time from: _____ to: _____ By: SHARON TROUTMAN

(Outside service and expense record must be attached for any outside costs)

7:46 AM School Gate access issue upon arrival; Personnel from Monterey Air District opened & has left that key with me for return to John Fear at end of day today

8:05 AM Smoke is NOT currently detectible by sight or smell from the Ingham School entrance; no wind; no clouds

8:40 AM Called Mactec 1 to confirm all set-up and looking good

9:15 AM Sound like there is racing over at Laguna Seca

10:04 AM Plane flew directly overhead

11:10 AM Intermittent light breezes from the East

12:05 PM Some light + wispy clouds are moving slowly N.W.

12:47 PM Noticed 1st smoke plume for the day - going straight up

2:22 PM Another plane flew directly overhead; Sunny + Warm

3:18 PM Light + high smoke cover directly above location and can smell faintly

4:02 PM Smoke came down/inland in last hour - No wind and some ash falling

4:36 PM Plane flew directly above - smoke not as bad now

GENERAL NOTES:

No Heavy Equipment (Construction) on Hill today
No School for students or teachers
Racing at Laguna Seca
Mactec 12 Radio loses charge before end of day

Attachments:

Initial

Checked *[Signature]*

The times recorded on this sheet are Pacific Daylight Time (PDT)²⁶

Sheet 1 of 5

Project: FO Burn Sampling PS-3, PS-9, MS-1 Job No.: 56286 080105
Subject: FIELD INVESTIGATION DAILY REPORT Date: 10/22/03
Equipment Rental: _____ Company: _____ To: File
Equipment Hours: _____ F.E. Time from: _____ to: _____ By: B. Wilcox

(outside service and expense record must be attached for any outside costs)

06:00 Leave for Fort Ord

08:30 Arrive @ Bldg. 4900, unload equipment for staging

10:00 - 14:00 Set up equipment and test power @ sites BA-1, BA-2, OB-1, OB-2, and OB-3, obtained 2-way radios for team communications, checked Mobile Station equipment.

14:00 - 16:30 Continue staging equipment @ Bldg 4900.

16:30 Leave and secure Bldg 4900.

Notes: Electrical problem @ BA-1 (Range 46): replaced 100' extension cord that was suspect problem. TSP sampler identified as problem: possible bad brushes on motor. Will resolve tomorrow.

Checked [Signature]

Approved _____

Attachments:

Initial BLW

The times recorded on this sheet are Pacific Daylight Time (PDT) w/

Sheet 2 of 5

Project: FO Butte Sampling PS-3, PS-4, MS-1 Job No.: 56286 080105
Subject: FIELD INVESTIGATION DAILY REPORT Date: 10/23/03
Equipment Rental: _____ Company: _____ To: F.I.E.
Equipment Hours: _____ F.E. Time from: _____ to: _____ By: B. Wilcox

(outside service and expense record must be attached for any outside costs)

08:00 Arrive @ Bldg 4900, continue setup @ warehouse

10:00 Visit various sites to continue setup. Replaced
-12:00 e-cord @ BA-1 and resolved tripped circuit breaker
issue; bad motor in TSP sampler. Unit replaced
Checked power @ MWD well site, added
tripod @ Monocaster.

13:00 - 15:30 Training on sampling equipment,
gave Parsons staff directions to sites &
contact numbers. Parsons staff left to
navigate to sites.

15:30 - 18:00 Finalize setup, leave for motel.

Checked 

Approved _____

Attachments:

Initial BLW

The times recorded on this sheet are Pacific Daylight Time (PDT) TL

Sheet 3 of 5

Project: FO Burn Sampling PS-3, PS-4, MS-1 Job No.: 56286 080105
Subject: FIELD INVESTIGATION DAILY REPORT Date: BLW 080105 10/24/05
Equipment Rental: _____ Company: _____ To: File
Equipment Hours: _____ F.E. Time from: _____ to: _____ By: BLW

(outside service and expense record must be attached for any outside costs)

05:30 Arrive @ Bldg 4900, setup
06:30 Leave 4900 for PS-3 Manzanita
07:00 Arrive @ site, had to take Hwy 1, Broadway Gate blocked
07:00 - 09:15 Setup Equip (see data sheets). Notes: Hoofers working
Conditions: Hazy to smoky, could not see Embassy Suites (metel) at departure time.
09:30 - Leave for Monterey Aquarium PS-9
09:50 - 10:40 Setup Equipment (see data sheets) Conditions: clear
10:50 Leave to meet Matt W. with Mobile Station
11:20 Arrive @ MS-1 @ Highland school (Corner of Yosemite & Sonoma). Help Matt setup.
12:00 Sprinkler system came on. Shut off at 13:00. Conditions:
Varying amounts of smoke, winds shifting between calm and from east
13:35 Leave MS-1 to check Manzanita PS-3
- Low flow pump running - counter @ 04:42
- Data Ram running
- Minivol running
- Summa @ -17.5
13:50 Return to MS-1
14:20 Leave to check Fitch/Middle School site
14:45 At Fitch Middle School. Conditions: Smoke to south, clear @ site
- Summa @ -15.5
- Low Flow pump @ 5:49
✓ 16:00 Start Shut down @ MS-1
16:30 Go to PS-3
17:03 PS-3 shut down go to Monterey Aquarium
18:30 Return to Bldg 4900, unload

Attachments:

Checked BLW

Initial

BLW

The times recorded on this sheet are Pacific Daylight Time (PDT) ~~MT~~

Sheet 21 of 5

Project: FD known Sampling PS-3, PS-9, MS-1 Job No.: 56286 080105
Subject: FIELD INVESTIGATION DAILY REPORT Date: 10/25/03
Equipment Rental: _____ Company: _____ To: File
Equipment Hours: _____ F.E. Time from: _____ to: _____ By: B. Wilcox

(outside service and expense record must be attached for any outside costs)

- 07:00 Arrive 4900 load up.
07:30 Leave for Manzanita setup (see data sheets)
Conditions: hazy w/ strong smoke odor
08:40 Leave for PS-9 Aquarium
09:00 Arrive @ PS-9 start setup. Low Flow light and shutoff on
minivol @ approx 09:40, reattached battery and restarted. Runs OK.
10:00 Leave for Bldg 4900. Conditions: small spot fires, light smoke &
haze @ ground level. Return to 4900 @ 10:30 and organize equipment.
13:15 Check Fitch Middle School Site:
- ET on Low Flow Pump = 05:14
- Vacuum on Summa = -17.0 in Hg.
13:29 At Manzanita PS-3:
- Both minivols running
- Low Flow ET @ 04:59
- Data Room running
- Summa @ -16.5 in Hg
16:30 Leave 4900 to retrieve media @ PS-3 & PS-9 and
setup overnight minivols (see data sheets)
18:30 Arrive @ 4900, unpack
19:00 Leave

Checked 

Approved _____

Attachments:

Initial BLW

The times recorded on this sheet are Pacific Daylight Time (PDT) No.

Sheet 5 of 5

Project: FO Burn Sampling PS-3, PS-9, MS-1 Job No.: 56286 080105
Subject: FIELD INVESTIGATION DAILY REPORT Date: 10/26/03
Equipment Rental: _____ Company: _____ To: File
Equipment Hours: _____ F.E. Time from: _____ to: _____ By: B. Wilcox

(outside service and expense record must be attached for any outside costs)

Note: On standard time as of this morning

07:15 Arrive at Aquarium PS-9 site, begin media retrieval & shutdown.

07:45 Site shutdown, leave for Manzanita School PS-3 (see data sheets for sampler output)

08:10 Arrive at Manzanita, begin media retrieval and shutdown.

08:50 Finish shutdown, leave for Bldg 4900. (see data sheets for sampler output)

09:00 - 10:30 Pack equipment, secure Bldg 4900 & yard.

10:30 - 13:00 Return home

Checked [Signature]

Approved _____

Attachments:

Initial BW