TABLES

Table 1. Target Analytes for Investigation of Air Pollutant Emissions from Prescribed Burns Ranges 43–48 Prescribed Burn Air Monitoring Program Former Fort Ord, California

Analyte Class	Analyte	Rationale
Vegetation-Related Combustion Compounds		
Gaseous Species	Carbon Dioxide (CO_2)	CO_2 is the combustion species produced in the greatest amounts from vegetation burning. CO_2 data will indicate the presence or absence of smoke impacts at the sampling locations.
Particulate Matter	Particulate Matter less than 10 microns (PM_{10})	PM_{10} may also be produced in large amounts from vegetation burning. PM_{10} data will provide a relative indication of smoke impact at the sampling locations.
Aldehydes	Formaldehyde, Acetaldehyde, Acrolein, and Total Aldehydes	Aldehydes are commonly associated with acute eye and respiratory system irritation in smoke-impacted areas.
MEC-Related Combustion Species		
Energetic Analytes	HMX Nitrobenzene RDX PETN 1,3 Dinitrobenzene 1,3,5 Trinitrobenzene 2,4 Dinitrotoluene 2,4,6 Trinitrotoluene 2,6 Dinitrotoluene	Energetic materials and their likely breakdown products are not produced by vegetation burning. Consequently, if present in the smoke plume, their concentrations can be directly attributed to MEC emissions.
Particulate Metals	Aluminum Antimony Barium Beryllium Cadmium Chromium (total) Cobalt Copper Lead Manganese Mercury Molybdenum Nickel Zinc	Particulate metals may be produced both from MEC detonation and from vegetation burning, so their presence in smoke is not necessarily a positive signature of emissions from MEC. Measurement of particulate metals is included here nonetheless because of the uncertainty in the metal emission factors for MEC. The presence of any metal above its regulatory screening level will require further investigation to assess the possible contribution from MEC.
Dioxins and Furans	Total Dioxin and Furan Toxicity Equivalent (TEQ)	Dioxins and furans may be produced both from MEC detonation and from vegetation burning, so their presence in smoke is not necessarily a positive signature of emissions from MEC. Measurement of dioxins and furans is included here nonetheless because of the uncertainty in the emission factors for MEC. The presence of dioxins and furans above a regulatory screening level will require further investigation to assess the possible contribution from MEC.

Approved by: _____

Reviewed by: _____

Table 2. Regulatory Screening Levels
Prescribed Burn Air Monitoring Report
Former Fort Ord, California

Analyte Class	Analyte	Air Screening Level ($\mu g/m^3$)		Screening Level Reference
Vegetation-Related Combustion Compounds				
Gaseous Species	Carbon Dioxide (CO_2)	N/A		N/A
Particulate Matter	Particulate Matter less than 10 microns (PM_{10})	50	(24-hour)	California AAQS [1]
Aldehydes	Formaldehyde	94	(1-hour)	OEHHA Acute REL [2]
	Acetaldehyde	9	(long term)	OEHHA Chronic REL [3]
	Acrolein	0.19	(1-hour)	OEHHA Acute REL
OE-Related Combustion Species				
Energetic Analytes	HMX	180	(long term)	EPA Region 9 PRG [4]
	Nitrobenzene	2.10	(1-hour)	EPA Region 9 PRG
	RDX	3.57	(1-hour)	MBUAPCD Rule 1000 [5]
	PETN	1.19	(1-hour) [6]	MBUAPCD Rule 1000
	1,3 Dinitrobenzene	0.37	(1-hour)	EPA Region 9 PRG
	1,3,5 Trinitrobenzene	110	(long term)	EPA Region 9 PRG
	2,4 Dinitrotoluene	7.30	(1-hour)	EPA Region 9 PRG
	2,4,6 Trinitrotoluene	1.19	(1-hour)	MBUAPCD Rule 1000
	2,6 Dinitrotoluene	3.70	(1-hour)	EPA Region PRG
Particulate Metals	Aluminum	23.8	(1-hour)	MBUAPCD Rule 1000
	Antimony	1.19	(1-hour)	MBUAPCD Rule 1000
	Barium	1.19	(1-hour)	MBUAPCD Rule 1000
	Beryllium	0.0047	(1-hour)	MBUAPCD Rule 1000
	Cadmium	0.0119	(1-hour)	MBUAPCD Rule 1000
	Chromium (total)	1.19	(1-hour)	MBUAPCD Rule 1000
	Cobalt	0.047	(1-hour)	MBUAPCD Rule 1000
	Copper	100	(1-hour)	OEHHA Acute REL
	Lead	1.5	(3-month)	California AAQS
	Manganese	0.47	(1-hour)	MBUAPCD Rule 1000
	Mercury	1.8	(1-hour)	OEHHA Acute REL
	Molybdenum	23.8	(1-hour)	MBUAPCD Rule 1000
	Nickel	6	(1-hour)	OEHHA Acute REL
	Zinc	11.9	(1-hour)	MBUAPCD Rule 1000
Dioxins and Furans	Total Dioxin and Furan Toxicity Equivalent (TEQ)	4.0E-05	(long term)	OEHHA Chronic REL

[1] California Ambient Air Quality Standard

[2] Office of Environmental Health Hazard Assessment Acute Reference Exposure Levels (http://www.oehha.ca.gov/air/acute_rels/allAcRELs.html)

[3] Office of Environmental Health Hazard Assessment Chronic Reference Exposure Levels (http://www.oehha.ca.gov/air/chronis_rels/allChRELs.html)

[4] U.S. Environmental Protection Agency, Region 9, Preliminary Remediation Goals

[5] Monterey Bay Unified Air Pollution Control District Rule 1000 (screening values shown are 1/420th of the OSHA Permissible Exposure Limit)

[6] A chemical-specific screening level does not exist for PETN, so the most restrictive acute screening level from the other energetic compounds (TNT) was used.

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Table 3. Summary of Sampling and Analytical Methods
Ranges 43–48 Prescribed Burn
Air Monitoring Program
Former Fort Ord, California

Pollutant	Sampling Equipment	Sampling Method	Analytical Method	Quality Assurance / Quality Control		
				Field Duplicates	Field Blanks	Lab QA/QC
Energetic Compounds	High Volume PUF Sampler equipped with quartz fiber particulate filter and XAD-2 resin packed cartridge (GMW PS 1 Sampler)	USEPA Compendium Method TO-13A	USACHPPM Laboratory SOP CAD 26-2 and SOP CAD 26.3	One per day of sampling	10%	See Note 1.
Particulate Metals	High Volume TSP Sampler equipped with quartz fiber filter (GMW 2000H Sampler)	USEPA Compendium Method IO-2.1, modified for less than 24 hour sampling	40 CFR, Part 60, Appendix A, Method 12	One per day of sampling	10%	See Note 1.
	Low Volume PM_{10} Sampler with Size-Selective Inlet equipped with Teflon filter (Airmetrics MiniVol)	USEPA Compendium Method IO-2.1, modified for low volume and less than 24 hour sampling	NIOSH 7300 and NIOSH 6009	One per day of sampling	10%	See Note 1.
	High Volume Sampler with Size-Selective Inlet equipped PM_{10} with quartz fiber filter (Anderson GUV-16H Sampler)	USEPA Compendium Method IO-2.1, modified for less than 24 hour sampling	USEPA Compendium Method IO-3.4 (ICP)	One per day of sampling	10%	See Note 1.
Particulate Matter < 10 microns (PM_{10})	High Volume Sampler with Size-Selective Inlet equipped with quartz fiber filter (Anderson GUV-16H Sampler)	USEPA Compendium Method IO-2.1, modified for less than 24 hour sampling	USEPA Compendium Method IO-3.1	One per day of sampling	10%	See Note 1.
	Low Volume Sampler with Size-Selective Inlet equipped with Teflon filter (Airmetrics MiniVol)	USEPA Compendium Method IO-2.1, modified for low volume and less than 24 hour sampling	USEPA Compendium Method IO-3.1	One per day of sampling	10%	See Note 1.
	Real-Time Aerosol Monitor with Size-Selective Inlet (MIE DataRAM 1000)	Harding ESE, Inc. Standard Operating Procedure HESE SOP-101	N/A	N/A	N/A	N/A
Carbon Dioxide (CO_2)	Real-Time Monitor (TSI Q-Trak 8552)	TSI Operations Manual	N/A	N/A	N/A	N/A

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Table 3. Summary of Sampling and Analytical Methods
Ranges 43-48 Prescribed Burn
Air Monitoring Program
Former Fort Ord, California

Pollutant	Sampling Equipment	Sampling Method	Analytical Method	Quality Assurance / Quality Control		
				Field Duplicates	Field Blanks	Lab QA/QC
Aldehydes	Low Volume Sample Pump with DNPH-impregnated Sorbent Tube (SKC PCXR4 Pump)	USEPA Compendium Method TO-11A	USEPA Compendium Method TO-11A	One per day of sampling	10%	See Note 1.
Acrolein	SUMMA Canisters with 10-hour mass flow controller	USEPA Compendium Method TO-14	USEPA Compendium Method TO-14 with GC/MS Full Scan	One per day of sampling	10%	See Note 1.
Dioxins/Furans	High Volume PUF Sampler equipped with quartz fiber particulate filter and PUF packed cartridge (GMW PS 1 Sampler)	USEPA Compendium Method TO-9A	USEPA Compendium Method TO-9A	One per day of sampling	10%	See Note 1.

N/A Not applicable

Note 1: Laboratory Quality Assurance/Quality Control (QA/QC) samples, at a minimum, will be performed at the frequency specified in the analytical method. Analytical parameters such as initial calibrations and instrument conditions will be in compliance with the acceptance criteria as specified in the analytical method.

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Table 4. Summary of Sampling Locations, Equipment, and Objectives
Ranges 43–48 Prescribed Burn
Air Monitoring Program
Former Fort Ord, California

Pollutant	Sampling Equipment	BA 1	BA 2	OB 1	OB 2	OB 3	PS 1	PS 2	PS 3	PS 4	PS 5	PS 6	PS 7	PS 8	PS 9	MS 1
Energetic Compounds	High Volume PUF Sampler equipped with quartz fiber particulate filter and XAD-2 resin packed cartridge (GMW PS 1 Sampler)	✓(1)	✓	✓	✓	✓										✓
Particulate Metals	High Volume TSP Sampler equipped with quartz fiber filter (GMW 2000H Sampler)	✓(1)	✓													
	Low Volume PM_{10} Sampler with Size-Selective Inlet equipped with Teflon filter (Airmetrics MiniVol)			✓	✓	✓	✓	✓(2)	✓	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓	✓
	High Volume Sampler with Size-Selective Inlet equipped with quartz fiber filter (Anderson GUV-16H Sampler)	✓	✓													
Particulate Matter < 10 microns (PM_{10})	High Volume Sampler with Size-Selective Inlet equipped with quartz fiber filter (Anderson GUV-16H Sampler)	✓	✓(1)													
	Low Volume Sampler with Size-Selective Inlet equipped with Teflon filter (Airmetrics MiniVol)			✓	✓	✓(1)	✓	✓(2)	✓	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓	✓
	Real-Time Aerosol Monitor with Size-Selective Inlet (MIE DataRAM 1000)	✓	✓	✓	✓	✓	✓		✓							✓
Carbon Dioxide (CO_2)	Real-Time Monitor (Solomat Surveyor Pro)			✓	✓	✓										✓
Aldehydes	Low Volume Sample Pump with DNPH-impregnated Sorbent Tube (Sensidyne Gilian AirCon 2)	✓	✓	✓(1)	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓

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Table 4. Summary of Sampling Locations, Equipment, and Objectives
Ranges 43-48 Prescribed Burn
Air Monitoring Program
Former Fort Ord, California

Pollutant	Sampling Equipment	BA 1	BA 2	OB 1	OB 2	OB 3	PS 1	PS 2	PS 3	PS 4	PS 5	PS 6	PS 7	PS 8	PS 9	MS 1
Acrolein	SUMMA Canisters with 10-hour mass flow controller	✓	✓	✓(1)	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Dioxins/Furans	High Volume PUF Sampler equipped with quartz fiber particulate filter and PUF packed cartridge (GMW PS 1 Sampler)	✓	✓(1)													✓

Sampling Objectives

The Burn Area (BA) stations will be co-located with the existing meteorological monitoring stations operated by Fire Stop at Ranges 43 and 46. The objective is to collect samples in an area that receives substantial smoke impact as close to the burn polygon as possible.

The On-Base (OB) stations will be located in areas near the burn polygon where smoke impacts may be observed. The objective is to collect samples from the smoke as it begins to disperse downwind.

The Public Stations (PS) will be located in the communities surrounding former Fort Ord. The objective is to characterize selected constituents of smoke in areas where public exposure may occur.

The Mobile Station (MS) will be deployed on the day of the prescribed burn after the smoke dispersion pattern is observed. The objective is to locate the MS in an area of observed smoke impact, either on-base or in a public area, that may not be adequately characterized by the fixed stations described above.

Notes:

(1) Collocated samplers at this site.
(2) Equipment operated by MBUAPCD.

Approved by: _____

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Table #

Active Ignition Phase Sampling Results

T-5	Burn Area Site (BA 1) *Range 46*
T-6	Burn Area Site (BA 2) *Range 43*
T-7	On Base Site (OB 1) *Fitch Park*
T-8	On Base Site (OB 2) *BLM*
T-9	On Base Site (OB 3) *MWD Well*
T-10	Equipment Staging Area (PS 1)
T-11	Fitch Middle School (PS 2)
T-12	Manzanita School (PS 3)
T-13	MBUAPCD District Office (PS 4)
T-14	Salinas Rural Fire District Office (PS 5)
T-15	Spreckles School (PS 6)
T-16	Ingham School (PS 7)
T-17	Gonzales (PS 8)
T-18	Monterey Aquarium (PS 9)
T-19	Mobile Station (MS 1)

Smolder Phase Sampling Results

T-20	Burn Area Site (BA 1) *Range 46*
T-21	Burn Area Site (BA 2) *Range 43*
T-22	On Base Site (OB 1) *Fitch Park*
T-23	On Base Site (OB 2) *BLM*
T-24	On Base Site (OB 3) *MWD Well*
T-25	Equipment Staging Area (PS 1)
T-26	Fitch Middle School (PS 2)
T-27	Manzanita School (PS 3)
T-28	MBUAPCD District Office (PS 4)
T-29	Salinas Rural Fire District (PS 5)
T-30	Spreckles School (PS 6)
T-31	Ingham School (PS 7)
T-32	Gonzales (PS 8)
T-33	Monterey Aquarium (PS 9)

Baseline Sampling Results

T-34	Burn Area Site (BA 1) *Range 46*
T-35	Burn Area Site (BA 2) *Range 43*
T-36	On Base Site (OB 1) *Fitch Park*
T-37	On Base Site (OB 2) *BLM*
T-38	On Base Site (OB 3) *MWD Well*
T-39	Equipment Staging Area (PS 1)
T-40	Manzanita School (PS 3)
T-41	Monterey Aquarium (PS 9)
T-42	PS 2, PS 4, PS 5, PS 6, PS 7, PS 8

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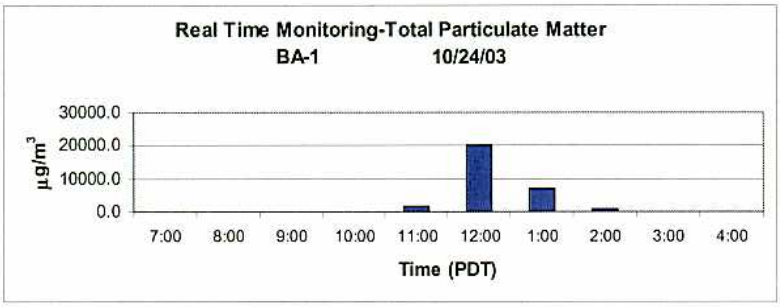
Table 5.
Active Ignition Phase Sampling Results
Burn Area Site (BA 1) Range 46
10/24/2003

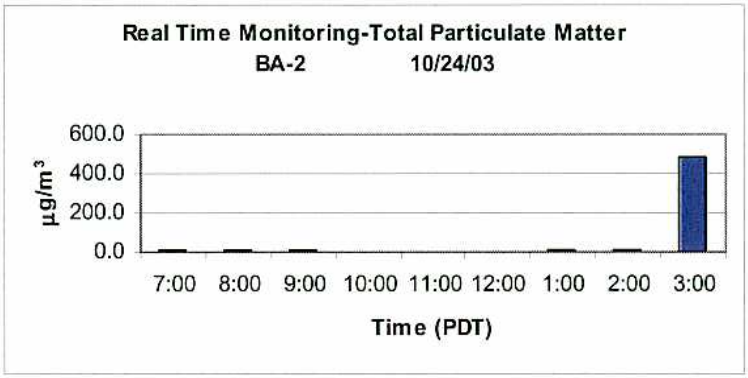


Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
BA1-EXP-1	SOPCAD26-2	1,3,5-Trinitrobenzene	ND(0.033)	
BA1-EXP-1	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.033)	
BA1-EXP-1	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.033)	
BA1-EXP-1	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.33)	
BA1-EXP-1	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.33)	
BA1-EXP-1	SOPCAD26-2	HMX	ND(0.33)	
BA1-EXP-1	SOPCAD26-2	Nitrobenzene	ND(0.33)	
BA1-EXP-1	SOPCAD26-2	PETN	ND(0.033)	
BA1-EXP-1	SOPCAD26-2	RDX	ND(0.033)	
BA1PQ0116277	PM-10	PM-10	2256	A
BA1PQ0116288	TSP	Total Particulates	2663	A
BA1PQ0116277	EPA12M-PM10	Aluminum	3	A
BA1PQ0116277	EPA12M-PM10	Antimony	0.84	A
BA1PQ0116277	EPA12M-PM10	Barium	0.53	A
BA1PQ0116277	EPA12M-PM10	Beryllium	ND(0.038)	A
BA1PQ0116277	EPA12M-PM10	Cadmium	ND(0.038)	A
BA1PQ0116277	EPA12M-PM10	Chromium	ND(0.038)	A
BA1PQ0116277	EPA12M-PM10	Cobalt	ND(0.038)	A
BA1PQ0116277	EPA12M-PM10	Copper	0.2	A
BA1PQ0116277	EPA12M-PM10	Lead	3.2	A
BA1PQ0116277	EPA12M-PM10	Manganese	1.8	A
BA1PQ0116277	NIOSH6009	Mercury	0.0008	A
BA1PQ0116277	EPA12M-PM10	Molybdenum	ND(0.038)	A
BA1PQ0116277	EPA12M-PM10	Nickel	ND(0.038)	A
BA1PQ0116277	EPA12M-PM10	Zinc	2.1	A
BA1PQ0116288	EPA12M-TSP	Aluminum	8.5	A
BA1PQ0116288	EPA12M-TSP	Antimony	0.74	A
BA1PQ0116288	EPA12M-TSP	Barium	1.2	A
BA1PQ0116288	EPA12M-TSP	Beryllium	ND(0.031)	A
BA1PQ0116288	EPA12M-TSP	Cadmium	ND(0.031)	A
BA1PQ0116288	EPA12M-TSP	Chromium	ND(0.031)	A
BA1PQ0116288	EPA12M-TSP	Cobalt	ND(0.031)	A
BA1PQ0116288	EPA12M-TSP	Copper	0.24	A
BA1PQ0116288	EPA12M-TSP	Lead	2.6	A
BA1PQ0116288	EPA12M-TSP	Manganese	4.6	A
BA1PQ0116288	NIOSH6009	Mercury	0.0008	A
BA1PQ0116288	EPA12M-TSP	Molybdenum	ND(0.031)	A
BA1PQ0116288	EPA12M-TSP	Nickel	ND(0.031)	A
BA1PQ0116288	EPA12M-TSP	Zinc	2.1	A
BA1P2763-6	TO-11	Acetaldehyde	230	A
BA1P2763-6	TO-11	Formaldehyde	88	A
BA1P31152	TO-14A	Acrolein	56	A
BA1PPUFF10	T0-9A	TEQ[4]	5.71E-06	A

Approved by: _____

Reviewed by: _____

Table 6.
Active Ignition Phase Sampling Results
Burn Area Site (BA 2) Range 43
10/24/2003

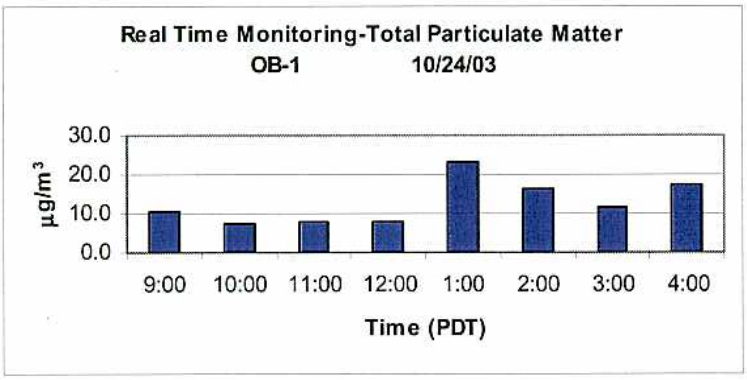


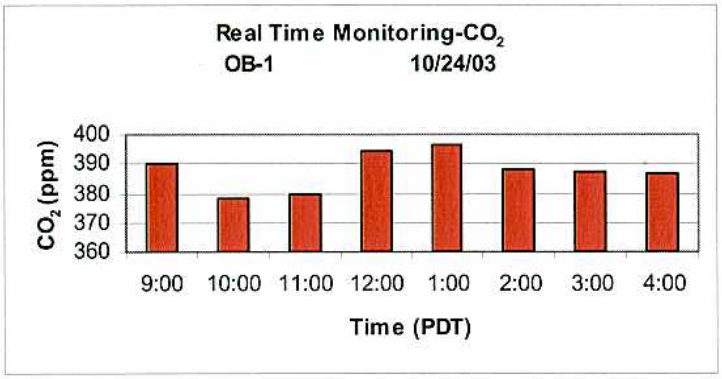
Sample	Test Method	Analyte Name	Result[1,2] (ug/m³)	Validation Qualifier[3]
BA2-EXP-1	SOPCAD26-2	1,3,5-Trinitrobenzene	ND(0.032)	
BA2-EXP-1	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.032)	
BA2-EXP-1	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.032)	
BA2-EXP-1	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.032)	
BA2-EXP-1	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.032)	
BA2-EXP-1	SOPCAD26-2	HMX	ND(0.063)	
BA2-EXP-1	SOPCAD26-2	Nitrobenzene	ND(0.032)	
BA2-EXP-1	SOPCAD26-2	PETN	ND(0.032)	
BA2-EXP-1	SOPCAD26-2	RDX	ND(0.032)	
BA2PQ0116283	PM-10	PM-10	57	A
BA2PQ0116287	TSP	Total Particulates	86	A
BA2PQ0116283	EPA12M-PM10	Aluminum	ND(0.78)	U
BA2PQ0116283	EPA12M-PM10	Antimony	ND(0.037)	A
BA2PQ0116283	EPA12M-PM10	Barium	ND(0.15)	A
BA2PQ0116283	EPA12M-PM10	Beryllium	ND(0.037)	A
BA2PQ0116283	EPA12M-PM10	Cadmium	ND(0.037)	A
BA2PQ0116283	EPA12M-PM10	Chromium	ND(0.037)	A
BA2PQ0116283	EPA12M-PM10	Cobalt	ND(0.037)	A
BA2PQ0116283	EPA12M-PM10	Copper	ND(0.037)	A
BA2PQ0116283	EPA12M-PM10	Lead	ND(0.037)	A
BA2PQ0116283	EPA12M-PM10	Manganese	ND(0.037)	A
BA2PQ0116283	NIOSH6009	Mercury	ND(0.0007)	A
BA2PQ0116283	EPA12M-PM10	Molybdenum	ND(0.037)	A
BA2PQ0116283	EPA12M-PM10	Nickel	ND(0.037)	A
BA2PQ0116283	EPA12M-PM10	Zinc	0.037	A
BA2PQ0116287	EPA12M-TSP	Aluminum	ND(1.5)	U
BA2PQ0116287	EPA12M-TSP	Antimony	ND(0.028)	A
BA2PQ0116287	EPA12M-TSP	Barium	ND(0.11)	A
BA2PQ0116287	EPA12M-TSP	Beryllium	ND(0.028)	A
BA2PQ0116287	EPA12M-TSP	Cadmium	ND(0.028)	A
BA2PQ0116287	EPA12M-TSP	Chromium	ND(0.028)	A
BA2PQ0116287	EPA12M-TSP	Cobalt	ND(0.028)	A
BA2PQ0116287	EPA12M-TSP	Copper	0.037	A
BA2PQ0116287	EPA12M-TSP	Lead	ND(0.028)	A
BA2PQ0116287	EPA12M-TSP	Manganese	0.056	A
BA2PQ0116287	NIOSH6009	Mercury	ND(0.0006)	A
BA2PQ0116287	EPA12M-TSP	Molybdenum	ND(0.028)	A
BA2PQ0116287	EPA12M-TSP	Nickel	ND(0.028)	A
BA2PQ0116287	EPA12M-TSP	Zinc	0.069	A
BA2P2763-5	TO-11	Acetaldehyde	5.6	A
BA2P2763-5	TO-11	Formaldehyde	5.5	A
BA2P14871	TO-14A	Acrolein	ND(2.1)	A
BA2PPUFF5	EPA23	TEQ[4]	ND[11]	A

Approved by: _____

Reviewed by: _____

Table 7.
Active Ignition Phase Sampling Results
On Base Site (OB 1) Fitch Park
10/24/2003





Sample	Test Method	Analyte Name	Result[1,2] (ug/m³)	Validation Qualifier[3]
OB1-EXP-1	SOPCAD26-2	1,3,5-Trinitrobenzene	ND(0.035)	
OB1-EXP-1	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.035)	
OB1-EXP-1	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.035)	
OB1-EXP-1	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.035)	
OB1-EXP-1	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.035)	
OB1-EXP-1	SOPCAD26-2	HMX	ND(0.070)	
OB1-EXP-1	SOPCAD26-2	Nitrobenzene	ND(0.035)	
OB1-EXP-1	SOPCAD26-2	PETN	ND(0.035)	
OB1-EXP-1	SOPCAD26-2	RDX	ND(0.035)	
OB1PTF470100	PM-10	PM-10	ND(20)	A
OB1PTF470100	NIOSH7300M-PM10	Aluminum	ND(1.01)	A
OB1PTF470100	NIOSH7300M-PM10	Antimony	ND(1.01)	A
OB1PTF470100	NIOSH7300M-PM10	Barium	ND(1.01)	A
OB1PTF470100	NIOSH7300M-PM10	Beryllium	ND(0.60)	A
OB1PTF470100	NIOSH7300M-PM10	Cadmium	ND(0.60)	A
OB1PTF470100	NIOSH7300M-PM10	Chromium	ND(1.01)	A
OB1PTF470100	NIOSH7300M-PM10	Cobalt	ND(0.60)	A
OB1PTF470100	NIOSH7300M-PM10	Copper	ND(1.01)	A
OB1PTF470100	NIOSH7300M-PM10	Lead	ND(1.01)	A
OB1PTF470100	NIOSH7300M-PM10	Manganese	ND(1.01)	A
OB1PTF470100	NIOSH7300M-PM10	Mercury	ND(0.020)	A
OB1PTF470100	NIOSH7300M-PM10	Molybdenum	ND(1.01)	A
OB1PTF470100	NIOSH7300M-PM10	Nickel	ND(1.01)	A
OB1PTF470100	NIOSH7300M-PM10	Zinc	ND(1.01)	A
OB1P2763-3	TO-11	Acetaldehyde	2.7	A
OB1P2763-3	TO-11	Formaldehyde	3.6	A
OB1P34419	TO-14A	Acrolein	5	A
Overnight Samples[5]				
OB1PTF470101	PM-10	PM-10	Invalid	

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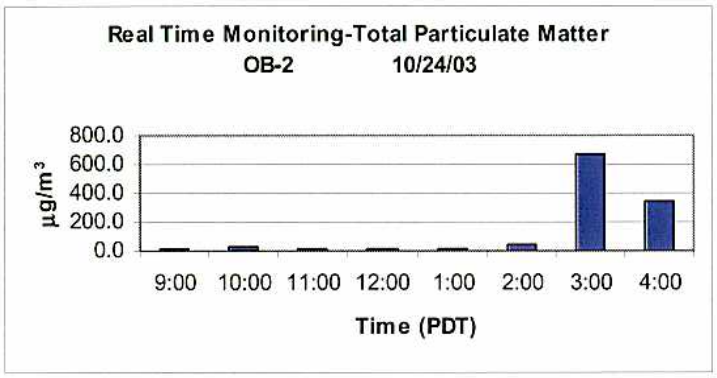
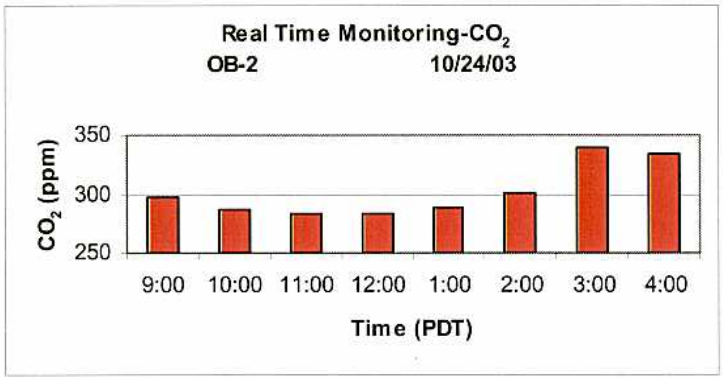
Table 8.
Active Ignition Phase Sampling Results
On Base Site (OB 2) BLM
10/24/2003





Sample	Test Method	Analyte Name	Result[1,2] (ug/m³)	Validation Qualifier[3]
OB2-EXP-1	SOPCAD26-2	1,3,5-Trinitrobenzene	ND(0.037)	
OB2-EXP-1	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.037)	
OB2-EXP-1	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.037)	
OB2-EXP-1	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.037)	
OB2-EXP-1	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.037)	
OB2-EXP-1	SOPCAD26-2	HMX	ND(0.073)	
OB2-EXP-1	SOPCAD26-2	Nitrobenzene	ND(0.037)	
OB2-EXP-1	SOPCAD26-2	PETN	ND(0.037)	
OB2-EXP-1	SOPCAD26-2	RDX	ND(0.037)	
OB2PTF470102	PM-10	PM-10	Invalid	
OB2PTF470102	NIOSH7300M-PM10	Aluminum	ND(0.59)	A
OB2PTF470102	NIOSH7300M-PM10	Antimony	ND(0.59)	A
OB2PTF470102	NIOSH7300M-PM10	Barium	ND(0.59)	A
OB2PTF470102	NIOSH7300M-PM10	Beryllium	ND(0.35)	A
OB2PTF470102	NIOSH7300M-PM10	Cadmium	ND(0.35)	A
OB2PTF470102	NIOSH7300M-PM10	Chromium	ND(0.59)	A
OB2PTF470102	NIOSH7300M-PM10	Cobalt	ND(0.35)	A
OB2PTF470102	NIOSH7300M-PM10	Copper	ND(0.59)	A
OB2PTF470102	NIOSH7300M-PM10	Lead	ND(0.59)	A
OB2PTF470102	NIOSH7300M-PM10	Manganese	ND(0.59)	A
OB2PTF470102	NIOSH7300M-PM10	Mercury	ND(0.012)	A
OB2PTF470102	NIOSH7300M-PM10	Molybdenum	ND(0.59)	A
OB2PTF470102	NIOSH7300M-PM10	Nickel	ND(0.59)	A
OB2PTF470102	NIOSH7300M-PM10	Zinc	ND(0.59)	A
OB2P2763-2	TO-11	Acetaldehyde	30	A
OB2P2763-2	TO-11	Formaldehyde	20	A
OB2P34721	TO-14A	Acrolein	11	A
Overnight Samples[5]				
OB2PTF470103	PM-10	PM-10	84	A

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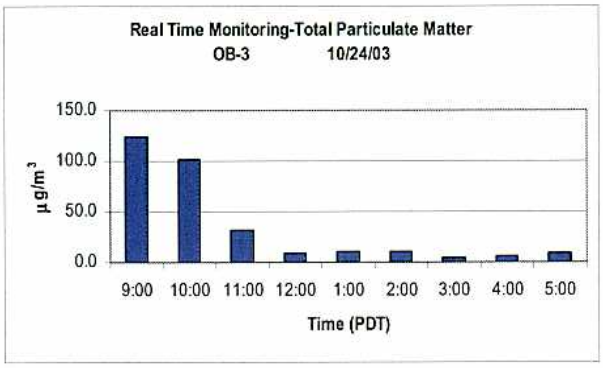
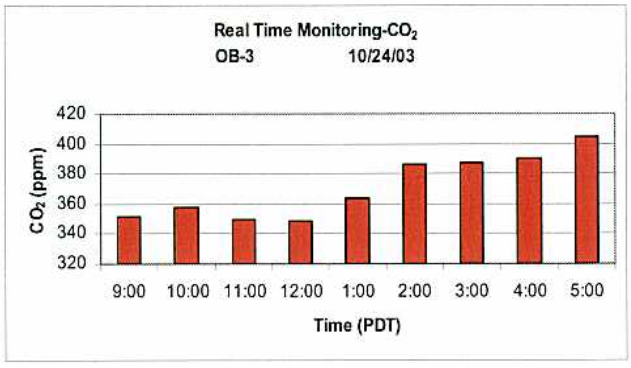
Table 9.
Active Ignition Phase Sampling Results
On Base Site (OB 3) MWD Well
10/24/2003





Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
OB3-EXP-1	SOPCAD26-2	1,3,5-Trinitrobenzene	ND(0.034)	
OB3-EXP-1	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.034)	
OB3-EXP-1	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.034)	
OB3-EXP-1	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.034)	
OB3-EXP-1	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.034)	
OB3-EXP-1	SOPCAD26-2	HMX	ND(0.067)	
OB3-EXP-1	SOPCAD26-2	Nitrobenzene	ND(0.034)	
OB3-EXP-1	SOPCAD26-2	PETN	ND(0.034)	
OB3-EXP-1	SOPCAD26-2	RDX	ND(0.034)	
OB3PTF470105	PM-10	PM-10	50	A
OB3PTF470105	NIOSH7300M-PM10	Aluminum	ND(0.97)	A
OB3PTF470105	NIOSH7300M-PM10	Antimony	ND(0.97)	A
OB3PTF470105	NIOSH7300M-PM10	Barium	ND(0.97)	A
OB3PTF470105	NIOSH7300M-PM10	Beryllium	ND(0.58)	A
OB3PTF470105	NIOSH7300M-PM10	Cadmium	ND(0.58)	A
OB3PTF470105	NIOSH7300M-PM10	Chromium	ND(0.97)	A
OB3PTF470105	NIOSH7300M-PM10	Cobalt	ND(0.58)	A
OB3PTF470105	NIOSH7300M-PM10	Copper	ND(0.97)	A
OB3PTF470105	NIOSH7300M-PM10	Lead	ND(0.97)	A
OB3PTF470105	NIOSH7300M-PM10	Manganese	ND(0.97)	A
OB3PTF470105	NIOSH7300M-PM10	Mercury	ND(0.019)	A
OB3PTF470105	NIOSH7300M-PM10	Molybdenum	ND(0.97)	A
OB3PTF470105	NIOSH7300M-PM10	Nickel	ND(0.97)	A
OB3PTF470105	NIOSH7300M-PM10	Zinc	ND(0.97)	A
OB3P2763-1	TO-11	Acetaldehyde	4.4	A
OB3P2763-1	TO-11	Formaldehyde	4.9	A
OB3P31134	TO-14A	Acrolein	2.9	A
Overnight Samples[5]				
OB3PTF470107	PM-10	PM-10	410	A

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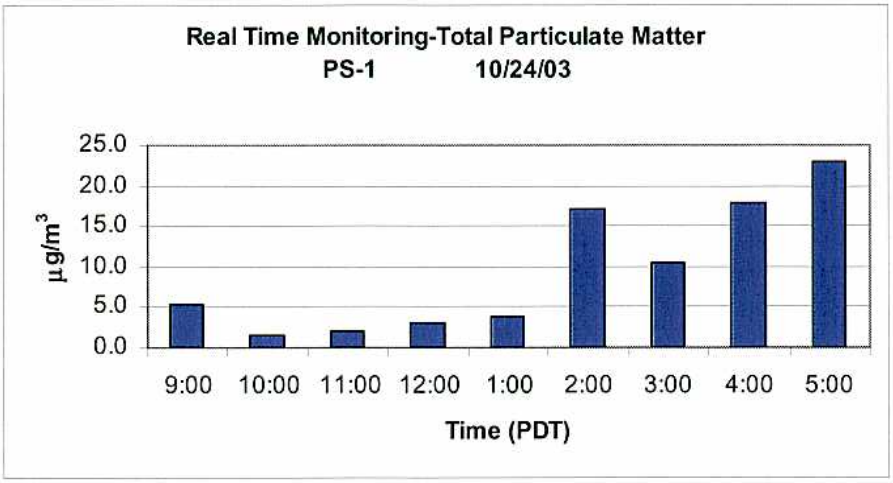
Table 10.
Active Ignition Phase Sampling Results
Equipment Staging Area (PS 1)
10/24/2003



Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
PS1PTF470067	PM-10	PM-10	34	A
PS1PTF470067	NIOSH7300M-PM10	Aluminum	ND(0.99)	A
PS1PTF470067	NIOSH7300M-PM10	Antimony	ND(0.99)	A
PS1PTF470067	NIOSH7300M-PM10	Barium	ND(0.99)	A
PS1PTF470067	NIOSH7300M-PM10	Beryllium	ND(0.59)	A
PS1PTF470067	NIOSH7300M-PM10	Cadmium	ND(0.59)	A
PS1PTF470067	NIOSH7300M-PM10	Chromium	ND(0.99)	A
PS1PTF470067	NIOSH7300M-PM10	Cobalt	ND(0.59)	A
PS1PTF470067	NIOSH7300M-PM10	Copper	ND(0.99)	A
PS1PTF470067	NIOSH7300M-PM10	Lead	ND(0.99)	A
PS1PTF470067	NIOSH7300M-PM10	Manganese	ND(0.99)	A
PS1PTF470067	NIOSH7300M-PM10	Mercury	ND(0.020)	A
PS1PTF470067	NIOSH7300M-PM10	Molybdenum	ND(0.99)	A
PS1PTF470067	NIOSH7300M-PM10	Nickel	ND(0.99)	A
PS1PTF470067	NIOSH7300M-PM10	Zinc	ND(0.99)	A
PS1P2734-6	TO-11	Acetaldehyde	2.3	A
PS1P2734-6	TO-11	Formaldehyde	2.8	A
PS1P4219	TO-14A	Acrolein	ND(2.3)	A
Overnight Samples[5]				
PS1PTF470104	PM-10	PM-10	46	A

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Reviewed by: _____

Table 11.
Active Ignition Phase Sampling Results
Fitch Middle School (PS 2)
10/24/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000339	PM-10	PM-10	70.7	
P2000339	NIOSH7300M-PM10	Aluminum	9.7	A
P2000339	NIOSH7300M-PM10	Antimony	ND(0.83)	A
P2000339	NIOSH7300M-PM10	Barium	ND(0.83)	A
P2000339	NIOSH7300M-PM10	Beryllium	ND(0.50)	A
P2000339	NIOSH7300M-PM10	Cadmium	ND(0.50)	A
P2000339	NIOSH7300M-PM10	Chromium	ND(0.83)	A
P2000339	NIOSH7300M-PM10	Cobalt	ND(0.50)	A
P2000339	NIOSH7300M-PM10	Copper	ND(0.83)	A
P2000339	NIOSH7300M-PM10	Lead	ND(0.83)	A
P2000339	NIOSH7300M-PM10	Manganese	ND(0.83)	A
P2000339	NIOSH6009M-PM10	Mercury	ND(0.017)	A
P2000339	NIOSH7300M-PM10	Molybdenum	ND(0.83)	A
P2000339	NIOSH7300M-PM10	Nickel	ND(0.83)	A
P2000339	NIOSH7300M-PM10	Zinc	ND(0.83)	A
PS2P2734-7	TO-11	Acetaldehyde	2.3	A
PS2P2734-7	TO-11	Formaldehyde	3.3	A
PS2P9945	TO-14A	Acrolein	2.5	A
Overnight Samples[5]				
P2000342	PM-10	PM-10	118.5	
P2000342	NIOSH7300M-PM10	Aluminum	1.1	A
P2000342	NIOSH7300M-PM10	Antimony	ND(0.60)	A
P2000342	NIOSH7300M-PM10	Barium	ND(0.60)	A
P2000342	NIOSH7300M-PM10	Beryllium	ND(0.36)	A
P2000342	NIOSH7300M-PM10	Cadmium	ND(0.36)	A
P2000342	NIOSH7300M-PM10	Chromium	ND(0.60)	A
P2000342	NIOSH7300M-PM10	Cobalt	ND(0.36)	A
P2000342	NIOSH7300M-PM10	Copper	ND(0.60)	A
P2000342	NIOSH7300M-PM10	Lead	ND(0.60)	A
P2000342	NIOSH7300M-PM10	Manganese	ND(0.60)	A
P2000342	NIOSH6009M-PM10	Mercury	ND(0.012)	A
P2000342	NIOSH7300M-PM10	Molybdenum	ND(0.60)	A
P2000342	NIOSH7300M-PM10	Nickel	ND(0.60)	A
P2000342	NIOSH7300M-PM10	Zinc	ND(0.60)	A

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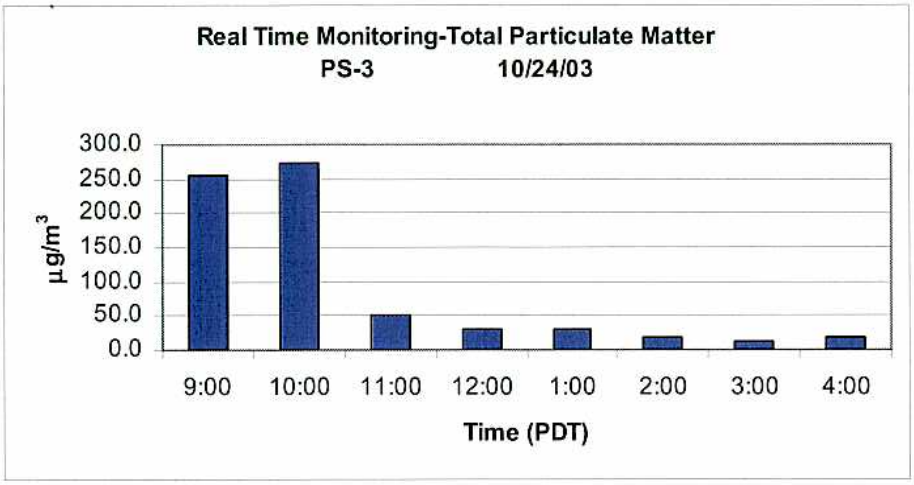
Table 12.
Active Ignition Phase Sampling Results
Manzanita School (PS 3)
10/24/2003



Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
PS3PTF470072	PM-10	PM-10	70	A
PS3PTF470072	NIOSH7300M-PM10	Aluminum	1.22	A
PS3PTF470072	NIOSH7300M-PM10	Antimony	ND(1.1)	A
PS3PTF470072	NIOSH7300M-PM10	Barium	ND(1.1)	A
PS3PTF470072	NIOSH7300M-PM10	Beryllium	ND(0.66)	A
PS3PTF470072	NIOSH7300M-PM10	Cadmium	ND(0.66)	A
PS3PTF470072	NIOSH7300M-PM10	Chromium	ND(1.1)	A
PS3PTF470072	NIOSH7300M-PM10	Cobalt	ND(0.66)	A
PS3PTF470072	NIOSH7300M-PM10	Copper	ND(1.1)	A
PS3PTF470072	NIOSH7300M-PM10	Lead	ND(1.1)	A
PS3PTF470072	NIOSH7300M-PM10	Manganese	ND(1.1)	A
PS3PTF470072	NIOSH7300M-PM10	Mercury	ND(0.022)	A
PS3PTF470072	NIOSH7300M-PM10	Molybdenum	ND(1.1)	A
PS3PTF470072	NIOSH7300M-PM10	Nickel	ND(1.1)	A
PS3PTF470072	NIOSH7300M-PM10	Zinc	ND(1.1)	A
PS3P2734-8	TO-11	Acetaldehyde	7.4	A
PS3P2734-8	TO-11	Formaldehyde	7.6	A
PS3P13861	TO-14A	Acrolein	4.1	A
Overnight Samples[5]				
PS3PTF470073	PM-10	PM-10	337	A

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Reviewed by: _____

Table 13.
Active Ignition Phase Sampling Results
MBUAPCD District Office (PS 4)
10/24/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000754	PM-10	PM-10	58.8	
P2000754	NIOSH7300M-PM10	Aluminum	1.8	A
P2000754	NIOSH7300M-PM10	Antimony	ND(0.81)	A
P2000754	NIOSH7300M-PM10	Barium	ND(0.81)	A
P2000754	NIOSH7300M-PM10	Beryllium	ND(0.48)	A
P2000754	NIOSH7300M-PM10	Cadmium	ND(0.48)	A
P2000754	NIOSH7300M-PM10	Chromium	ND(0.81)	A
P2000754	NIOSH7300M-PM10	Cobalt	ND(0.48)	A
P2000754	NIOSH7300M-PM10	Copper	ND(0.81)	A
P2000754	NIOSH7300M-PM10	Lead	ND(0.81)	A
P2000754	NIOSH7300M-PM10	Manganese	ND(0.81)	A
P2000754	NIOSH6009M-PM10	Mercury	ND(0.016)	A
P2000754	NIOSH7300M-PM10	Molybdenum	ND(0.81)	A
P2000754	NIOSH7300M-PM10	Nickel	ND(0.81)	A
P2000754	NIOSH7300M-PM10	Zinc	ND(0.81)	A
PS4P2734-9	TO-11	Acetaldehyde	3	A
PS4P2734-9	TO-11	Formaldehyde	4.3	A
PS4P1238	TO-14A	Acrolein	ND(2.5)	A
Overnight Samples[5]				
P2000755	PM-10	PM-10	74	
P2000755	NIOSH7300M-PM10	Aluminum	1.6	A
P2000755	NIOSH7300M-PM10	Antimony	ND(0.54)	A
P2000755	NIOSH7300M-PM10	Barium	ND(0.54)	A
P2000755	NIOSH7300M-PM10	Beryllium	ND(0.33)	A
P2000755	NIOSH7300M-PM10	Cadmium	ND(0.33)	A
P2000755	NIOSH7300M-PM10	Chromium	ND(0.54)	A
P2000755	NIOSH7300M-PM10	Cobalt	ND(0.33)	A
P2000755	NIOSH7300M-PM10	Copper	ND(0.54)	A
P2000755	NIOSH7300M-PM10	Lead	ND(0.54)	A
P2000755	NIOSH7300M-PM10	Manganese	ND(0.54)	A
P2000755	NIOSH6009M-PM10	Mercury	ND(0.011)	A
P2000755	NIOSH7300M-PM10	Molybdenum	ND(0.54)	A
P2000755	NIOSH7300M-PM10	Nickel	ND(0.54)	A
P2000755	NIOSH7300M-PM10	Zinc	ND(0.54)	A

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Reviewed by: _____

Table 14.
Active Ignition Phase Sampling Results
Salinas Rural Fire District Office (PS 5)
10/24/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000346	PM-10	PM-10	90.2	
P2000346	NIOSH7300M-PM10	Aluminum	2.4	A
P2000346	NIOSH7300M-PM10	Antimony	ND(0.86)	A
P2000346	NIOSH7300M-PM10	Barium	ND(0.86)	A
P2000346	NIOSH7300M-PM10	Beryllium	ND(0.52)	A
P2000346	NIOSH7300M-PM10	Cadmium	ND(0.52)	A
P2000346	NIOSH7300M-PM10	Chromium	ND(0.86)	A
P2000346	NIOSH7300M-PM10	Cobalt	ND(0.52)	A
P2000346	NIOSH7300M-PM10	Copper	ND(0.86)	A
P2000346	NIOSH7300M-PM10	Lead	ND(0.86)	A
P2000346	NIOSH7300M-PM10	Manganese	ND(0.86)	A
P2000346	NIOSH6009M-PM10	Mercury	ND(0.017)	A
P2000346	NIOSH7300M-PM10	Molybdenum	ND(0.86)	A
P2000346	NIOSH7300M-PM10	Nickel	ND(0.86)	A
P2000346	NIOSH7300M-PM10	Zinc	ND(0.86)	A
PS2P2734-7	TO-11	Acetaldehyde	2.26	A
PS2P2734-7	TO-11	Formaldehyde	3.33	A
PS2P9945	TO-14A	Acrolein	2.5	A
Overnight Samples[5]				
P2000348	PM-10	PM-10	77.4	
P2000348	NIOSH7300M-PM10	Aluminum	1.2	A
P2000348	NIOSH7300M-PM10	Antimony	ND(0.61)	A
P2000348	NIOSH7300M-PM10	Barium	ND(0.61)	A
P2000348	NIOSH7300M-PM10	Beryllium	ND(0.37)	A
P2000348	NIOSH7300M-PM10	Cadmium	ND(0.37)	A
P2000348	NIOSH7300M-PM10	Chromium	ND(0.61)	A
P2000348	NIOSH7300M-PM10	Cobalt	ND(0.37)	A
P2000348	NIOSH7300M-PM10	Copper	ND(0.61)	A
P2000348	NIOSH7300M-PM10	Lead	ND(0.61)	A
P2000348	NIOSH7300M-PM10	Manganese	ND(0.61)	A
P2000348	NIOSH6009M-PM10	Mercury	ND(0.012)	A
P2000348	NIOSH7300M-PM10	Molybdenum	ND(0.61)	A
P2000348	NIOSH7300M-PM10	Nickel	ND(0.61)	A
P2000348	NIOSH7300M-PM10	Zinc	ND(0.61)	A

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Reviewed by: _____

Table 15.
Active Ignition Phase Sampling Results
Spreckles School (PS 6)
10/24/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000333	PM-10	PM-10	79.1	
P2000333	NIOSH7300M-PM10	Aluminum	2.5	A
P2000333	NIOSH7300M-PM10	Antimony	ND(1.0)	A
P2000333	NIOSH7300M-PM10	Barium	ND(1.0)	A
P2000333	NIOSH7300M-PM10	Beryllium	ND(0.60)	A
P2000333	NIOSH7300M-PM10	Cadmium	ND(0.60)	A
P2000333	NIOSH7300M-PM10	Chromium	ND(1.0)	A
P2000333	NIOSH7300M-PM10	Cobalt	ND(0.60)	A
P2000333	NIOSH7300M-PM10	Copper	ND(1.0)	A
P2000333	NIOSH7300M-PM10	Lead	ND(1.0)	A
P2000333	NIOSH7300M-PM10	Manganese	ND(1.0)	A
P2000333	NIOSH6009M-PM10	Mercury	ND(0.020)	A
P2000333	NIOSH7300M-PM10	Molybdenum	ND(1.0)	A
P2000333	NIOSH7300M-PM10	Nickel	ND(1.0)	A
P2000333	NIOSH7300M-PM10	Zinc	ND(1.0)	A
PS6P2734-4	TO-11	Acetaldehyde	2.56	A
PS6P2734-4	TO-11	Formaldehyde	2.92	A
PS6P12944	TO-14A	Acrolein	ND(2.5)	A
Overnight Samples[5]				
P2000335	PM-10	PM-10	73.9	
P2000335	NIOSH7300M-PM10	Aluminum	1.4	A
P2000335	NIOSH7300M-PM10	Antimony	ND(0.60)	A
P2000335	NIOSH7300M-PM10	Barium	ND(0.60)	A
P2000335	NIOSH7300M-PM10	Beryllium	ND(0.36)	A
P2000335	NIOSH7300M-PM10	Cadmium	ND(0.36)	A
P2000335	NIOSH7300M-PM10	Chromium	ND(0.60)	A
P2000335	NIOSH7300M-PM10	Cobalt	ND(0.36)	A
P2000335	NIOSH7300M-PM10	Copper	ND(0.60)	A
P2000335	NIOSH7300M-PM10	Lead	ND(0.60)	A
P2000335	NIOSH7300M-PM10	Manganese	ND(0.60)	A
P2000335	NIOSH6009M-PM10	Mercury	ND(0.012)	A
P2000335	NIOSH7300M-PM10	Molybdenum	ND(0.60)	A
P2000335	NIOSH7300M-PM10	Nickel	ND(0.60)	A
P2000335	NIOSH7300M-PM10	Zinc	ND(0.60)	A

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Reviewed by: _____

Table 16.
Active Ignition Phase Sampling Results
Ingham School (PS 7)
10/24/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000326	PM-10	PM-10	85.1	
P2000326	NIOSH7300M-PM10	Aluminum	1.7	A
P2000326	NIOSH7300M-PM10	Antimony	ND(0.89)	A
P2000326	NIOSH7300M-PM10	Barium	ND(0.89)	A
P2000326	NIOSH7300M-PM10	Beryllium	ND(0.54)	A
P2000326	NIOSH7300M-PM10	Cadmium	ND(0.54)	A
P2000326	NIOSH7300M-PM10	Chromium	ND(0.89)	A
P2000326	NIOSH7300M-PM10	Cobalt	ND(0.54)	A
P2000326	NIOSH7300M-PM10	Copper	ND(0.89)	A
P2000326	NIOSH7300M-PM10	Lead	ND(0.89)	A
P2000326	NIOSH7300M-PM10	Manganese	ND(0.89)	A
P2000326	NIOSH6009M-PM10	Mercury	ND(0.018)	A
P2000326	NIOSH7300M-PM10	Molybdenum	ND(0.89)	A
P2000326	NIOSH7300M-PM10	Nickel	ND(0.89)	A
P2000326	NIOSH7300M-PM10	Zinc	ND(0.89)	A
PS7P2734-3	TO-11	Acetaldehyde	7.25	A
PS7P2734-3	TO-11	Formaldehyde	7.04	A
PS7P34726	TO-14A	Acrolein	11	A
Overnight Samples[5]				
P2000329	PM-10	PM-10	97.4	
P2000329	NIOSH7300M-PM10	Aluminum	1	A
P2000329	NIOSH7300M-PM10	Antimony	ND(0.57)	A
P2000329	NIOSH7300M-PM10	Barium	ND(0.57)	A
P2000329	NIOSH7300M-PM10	Beryllium	ND(0.34)	A
P2000329	NIOSH7300M-PM10	Cadmium	ND(0.34)	A
P2000329	NIOSH7300M-PM10	Chromium	ND(0.57)	A
P2000329	NIOSH7300M-PM10	Cobalt	ND(0.34)	A
P2000329	NIOSH7300M-PM10	Copper	ND(0.57)	A
P2000329	NIOSH7300M-PM10	Lead	ND(0.57)	A
P2000329	NIOSH7300M-PM10	Manganese	ND(0.57)	A
P2000329	NIOSH6009M-PM10	Mercury	ND(0.011)	A
P2000329	NIOSH7300M-PM10	Molybdenum	ND(0.57)	A
P2000329	NIOSH7300M-PM10	Nickel	ND(0.57)	A
P2000329	NIOSH7300M-PM10	Zinc	ND(0.57)	A

Approved by: _____

Reviewed by: _____

Table 17.
Active Ignition Phase Sampling Results
Gonzales (PS 8)
10/24/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000758	PM-10	PM-10	63.9	
P2000758	NIOSH7300M-PM10	Aluminum	1.5	A
P2000758	NIOSH7300M-PM10	Antimony	ND(0.35)	A
P2000758	NIOSH7300M-PM10	Barium	ND(0.35)	A
P2000758	NIOSH7300M-PM10	Beryllium	ND(0.21)	A
P2000758	NIOSH7300M-PM10	Cadmium	ND(0.21)	A
P2000758	NIOSH7300M-PM10	Chromium	ND(0.35)	A
P2000758	NIOSH7300M-PM10	Cobalt	ND(0.21)	A
P2000758	NIOSH7300M-PM10	Copper	ND(0.35)	A
P2000758	NIOSH7300M-PM10	Lead	ND(0.35)	A
P2000758	NIOSH7300M-PM10	Manganese	ND(0.35)	A
P2000758	NIOSH6009M-PM10	Mercury	ND(0.0069)	A
P2000758	NIOSH7300M-PM10	Molybdenum	ND(0.35)	A
P2000758	NIOSH7300M-PM10	Nickel	ND(0.35)	A
P2000758	NIOSH7300M-PM10	Zinc	ND(0.35)	A

Approved by: _____

Reviewed by: _____

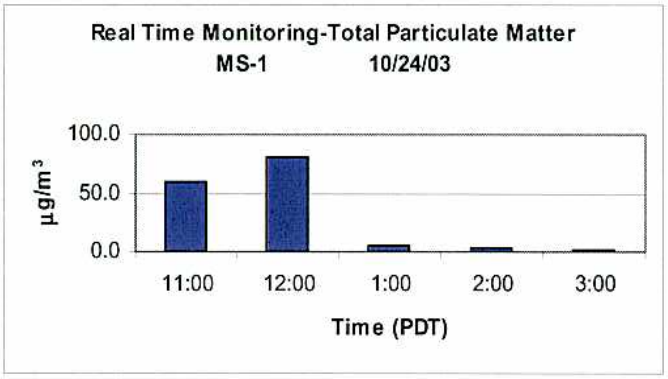
Table 18.
Active Ignition Phase Sampling Results
Monterey Aquarium (PS 9)
10/24/2003

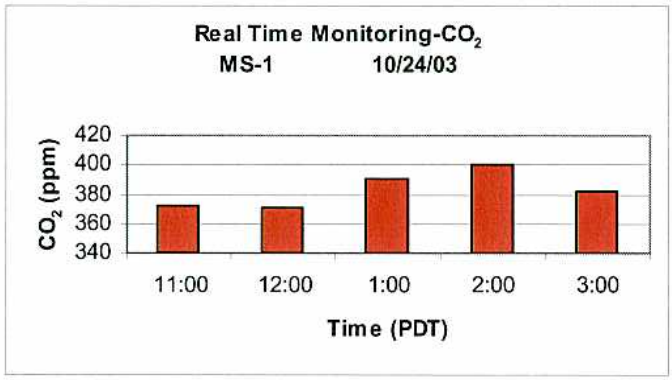
Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
PS9PTF470070	PM-10	PM-10	21	A
PS9PTF470070	NIOSH7300M-PM10	Aluminum	ND(1.06)	A
PS9PTF470070	NIOSH7300M-PM10	Antimony	ND(1.06)	A
PS9PTF470070	NIOSH7300M-PM10	Barium	ND(1.06)	A
PS9PTF470070	NIOSH7300M-PM10	Beryllium	ND(0.64)	A
PS9PTF470070	NIOSH7300M-PM10	Cadmium	ND(0.64)	A
PS9PTF470070	NIOSH7300M-PM10	Chromium	ND(1.06)	A
PS9PTF470070	NIOSH7300M-PM10	Cobalt	ND(0.64)	A
PS9PTF470070	NIOSH7300M-PM10	Copper	ND(1.06)	A
PS9PTF470070	NIOSH7300M-PM10	Lead	ND(1.06)	A
PS9PTF470070	NIOSH7300M-PM10	Manganese	ND(1.06)	A
PS9PTF470070	NIOSH7300M-PM10	Mercury	ND(0.021)	A
PS9PTF470070	NIOSH7300M-PM10	Molybdenum	ND(1.06)	A
PS9PTF470070	NIOSH7300M-PM10	Nickel	ND(1.06)	A
PS9PTF470070	NIOSH7300M-PM10	Zinc	ND(1.06)	A
PS9P2734-2	TO-11	Acetaldehyde	1.4	A
PS9P2734-2	TO-11	Formaldehyde	2.0	A
PS9P33875	TO-14A	Acrolein	ND(2.3)	A
Overnight Samples[5]				
PS9PTF470071	PM-10	PM-10	95	A

Approved by: _____

Reviewed by: _____

Table 19.
Active Ignition Phase Sampling Results
Mobile Station (MS 1)
10/24/2003





Sample	Test Method	Analyte Name	Result[1,2] (ug/m³)	Validation Qualifier[3]
MS-EXP-1	SOPCAD26-2	1,3,5-Trinitrobenzene	ND(0.064)	
MS-EXP-1	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.064)	
MS-EXP-1	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.064)	
MS-EXP-1	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.064)	
MS-EXP-1	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.064)	
MS-EXP-1	SOPCAD26-2	HMX	ND(0.013)	
MS-EXP-1	SOPCAD26-2	Nitrobenzene	ND(0.064)	
MS-EXP-1	SOPCAD26-2	PETN	ND(0.064)	
MS-EXP-1	SOPCAD26-2	RDX	ND(0.064)	
MS1PTF470068	PM-10	PM-10	ND(33)	A
MS1PTF470068	NIOSH7300M-PM10	Aluminum	ND(1.6)	A
MS1PTF470068	NIOSH7300M-PM10	Antimony	ND(1.6)	A
MS1PTF470068	NIOSH7300M-PM10	Barium	ND(1.6)	A
MS1PTF470068	NIOSH7300M-PM10	Beryllium	ND(0.98)	A
MS1PTF470068	NIOSH7300M-PM10	Cadmium	ND(0.98)	A
MS1PTF470068	NIOSH7300M-PM10	Chromium	ND(1.6)	A
MS1PTF470068	NIOSH7300M-PM10	Cobalt	ND(0.98)	A
MS1PTF470068	NIOSH7300M-PM10	Copper	ND(1.6)	A
MS1PTF470068	NIOSH7300M-PM10	Lead	ND(1.6)	A
MS1PTF470068	NIOSH7300M-PM10	Manganese	ND(1.6)	A
MS1PTF470068	NIOSH7300M-PM10	Mercury	ND(0.033)	A
MS1PTF470068	NIOSH7300M-PM10	Molybdenum	ND(1.6)	A
MS1PTF470068	NIOSH7300M-PM10	Nickel	ND(1.6)	A
MS1PTF470068	NIOSH7300M-PM10	Zinc	ND(1.6)	A
MS1P2734-10	TO-11	Acetaldehyde	7.6	A
MS1P2734-10	TO-11	Formaldehyde	7.6	A
MS1P34502	TO-14A	Acrolein	6.6	A
MS1PPUFF2	TO-9A	TEQ[4]	ND[11]	A

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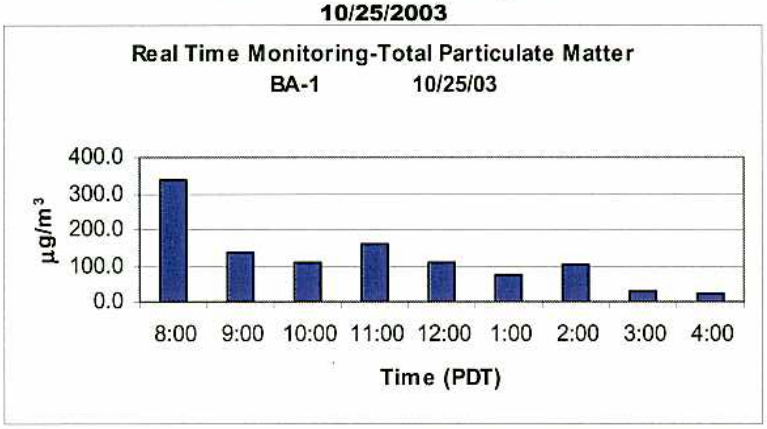
Table 20.
Smolder Phase Sampling Results
Burn Area Site (BA 1) Range 46
10/25/2003



Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
BA1-EXP-2	SOPCAD26-2	1,3,5-Trinitrobenzene	ND(0.035)	
BA1-EXP-2	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.035)	
BA1-EXP-2	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.035)	
BA1-EXP-2	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.035)	
BA1-EXP-2	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.035)	
BA1-EXP-2	SOPCAD26-2	HMX	ND(0.70)	
BA1-EXP-2	SOPCAD26-2	Nitrobenzene	ND(0.035)	
BA1-EXP-2	SOPCAD26-2	PETN	ND(0.035)	
BA1-EXP-2	SOPCAD26-2	RDX	ND(0.035)	
BA1PQ0116278	PM-10	PM-10	124	A
BA1PQ0116290	TSP	Total Particulates	250	A
BA1PQ0116278	EPA12M-PM10	Aluminum	ND(1.6)	U
BA1PQ0116278	EPA12M-PM10	Antimony	ND(0.040)	A
BA1PQ0116278	EPA12M-PM10	Barium	ND(0.16)	A
BA1PQ0116278	EPA12M-PM10	Beryllium	ND(0.040)	A
BA1PQ0116278	EPA12M-PM10	Cadmium	ND(0.040)	A
BA1PQ0116278	EPA12M-PM10	Chromium	ND(0.040)	A
BA1PQ0116278	EPA12M-PM10	Cobalt	ND(0.040)	A
BA1PQ0116278	EPA12M-PM10	Copper	ND(0.040)	A
BA1PQ0116278	EPA12M-PM10	Lead	ND(0.040)	A
BA1PQ0116278	EPA12M-PM10	Manganese	0.31	A
BA1PQ0116278	NIOSH6009	Mercury	ND(0.0008)	A
BA1PQ0116278	EPA12M-PM10	Molybdenum	ND(0.040)	A
BA1PQ0116278	EPA12M-PM10	Nickel	ND(0.040)	A
BA1PQ0116278	EPA12M-PM10	Zinc	0.094	A
BA1PQ0116290	EPA12M-TSP	Antimony	ND(0.029)	A
BA1PQ0116290	EPA12M-TSP	Barium	0.24	A
BA1PQ0116290	EPA12M-TSP	Beryllium	ND(0.029)	A
BA1PQ0116290	EPA12M-TSP	Cadmium	ND(0.029)	A
BA1PQ0116290	EPA12M-TSP	Chromium	ND(0.029)	A
BA1PQ0116290	EPA12M-TSP	Cobalt	ND(0.029)	A
BA1PQ0116290	EPA12M-TSP	Copper	0.057	A
BA1PQ0116290	EPA12M-TSP	Lead	ND(0.029)	A
BA1PQ0116290	EPA12M-TSP	Manganese	0.49	A
BA1PQ0116290	NIOSH6009	Mercury	ND(0.0006)	A
BA1PQ0116290	EPA12M-TSP	Molybdenum	ND(0.029)	A
BA1PQ0116290	EPA12M-TSP	Nickel	ND(0.029)	A
BA1PQ0116290	EPA12M-TSP	Zinc	0.11	A
BA1P2763-9	TO-11	Acetaldehyde	10	A
BA1P2763-9	TO-11	Formaldehyde	8.6	A
BA1P33885	TO-14A	Acrolein	8.1	A
BA1PPUFF8	T0-9A	TEQ[4]	1.25E-07	A

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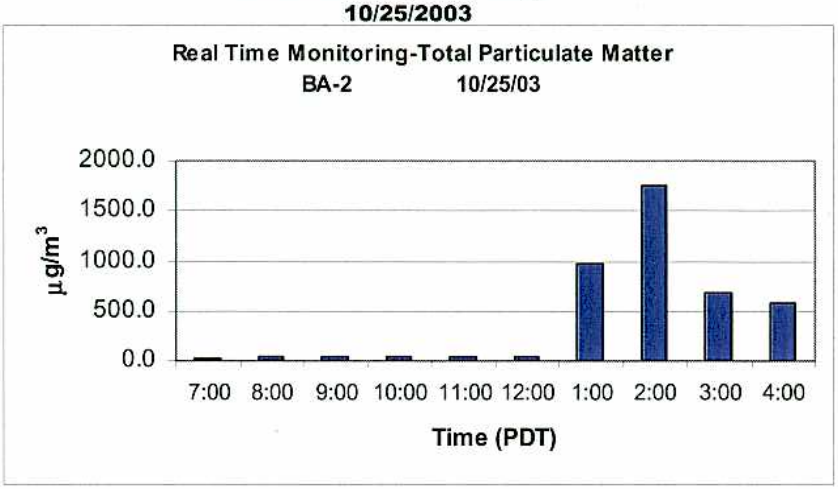
Table 21.
Smolder Phase Sampling Results
Burn Area Site (BA 2) Range 43
10/25/2003

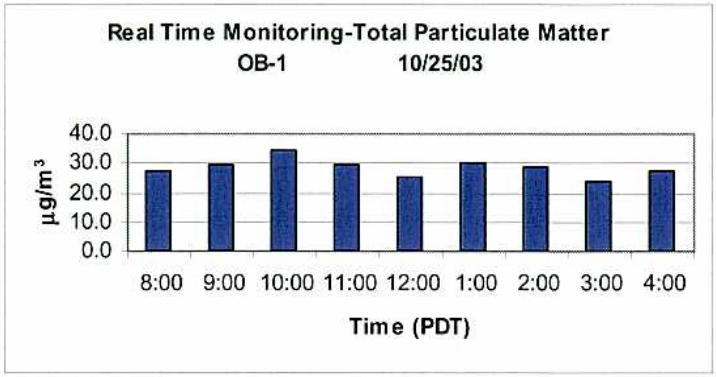


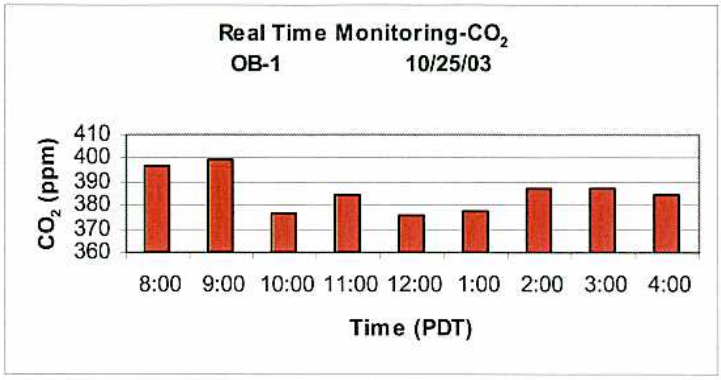
Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
BA2-EXP-2	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.034)	
BA2-EXP-2	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.034)	
BA2-EXP-2	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.034)	
BA2-EXP-2	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.034)	
BA2-EXP-2	SOPCAD26-2	HMX	ND(0.069)	
BA2-EXP-2	SOPCAD26-2	Nitrobenzene	ND(0.034)	
BA2-EXP-2	SOPCAD26-2	PETN	ND(0.034)	
BA2-EXP-2	SOPCAD26-2	RDX	ND(0.034)	
BA2PQ0116285	PM-10	PM-10	234	A
BA2PQ0116292	TSP	Total Particulates	407	A
BA2PQ0116285	EPA12M-PM10	Aluminum	ND(1.6)	U
BA2PQ0116285	EPA12M-PM10	Antimony	ND(0.040)	A
BA2PQ0116285	EPA12M-PM10	Barium	ND(0.16)	A
BA2PQ0116285	EPA12M-PM10	Beryllium	ND(0.040)	A
BA2PQ0116285	EPA12M-PM10	Cadmium	ND(0.040)	A
BA2PQ0116285	EPA12M-PM10	Chromium	ND(0.040)	A
BA2PQ0116285	EPA12M-PM10	Cobalt	ND(0.040)	A
BA2PQ0116285	EPA12M-PM10	Copper	ND(0.040)	A
BA2PQ0116285	EPA12M-PM10	Lead	ND(0.040)	A
BA2PQ0116285	EPA12M-PM10	Manganese	0.08	A
BA2PQ0116285	NIOSH6009	Mercury	ND(0.0008)	A
BA2PQ0116285	EPA12M-PM10	Molybdenum	ND(0.040)	A
BA2PQ0116285	EPA12M-PM10	Nickel	ND(0.040)	A
BA2PQ0116285	EPA12M-PM10	Zinc	0.059	A
BA2PQ0116292	EPA12M-TSP	Aluminum	4.4	A
BA2PQ0116292	EPA12M-TSP	Antimony	ND(0.031)	A
BA2PQ0116292	EPA12M-TSP	Barium	ND(0.12)	A
BA2PQ0116292	EPA12M-TSP	Beryllium	ND(0.031)	A
BA2PQ0116292	EPA12M-TSP	Cadmium	ND(0.031)	A
BA2PQ0116292	EPA12M-TSP	Chromium	ND(0.031)	A
BA2PQ0116292	EPA12M-TSP	Cobalt	ND(0.031)	A
BA2PQ0116292	EPA12M-TSP	Copper	0.071	A
BA2PQ0116292	EPA12M-TSP	Lead	ND(0.031)	A
BA2PQ0116292	EPA12M-TSP	Manganese	0.21	A
BA2PQ0116292	NIOSH6009	Mercury	ND(0.0006)	A
BA2PQ0116292	EPA12M-TSP	Molybdenum	ND(0.031)	A
BA2PQ0116292	EPA12M-TSP	Nickel	ND(0.031)	A
BA2PQ0116292	EPA12M-TSP	Zinc	0.094	A
BA2P2763-10	TO-11	Acetaldehyde	36	A
BA2P2763-10	TO-11	Formaldehyde	26	A
BA2P33575	TO-14A	Acrolein	6	A
BA2PUFF4	TO-9	TEQ[4]	1.57E-06	A

Approved by: _____

Reviewed by: _____

Table 22.
Smolder Phase Sampling Results
On Base Site (OB 1) Fitch Park
10/25/2003



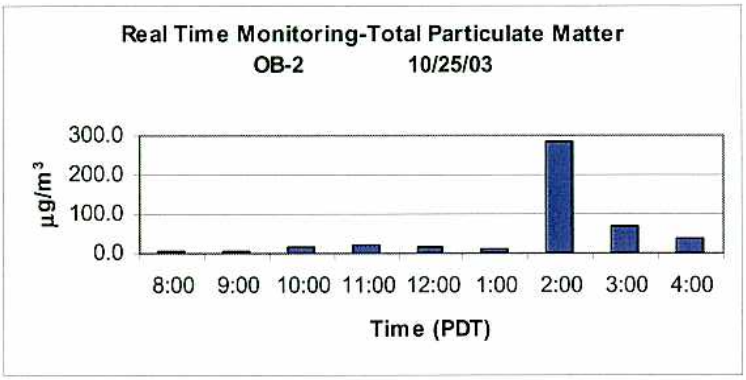


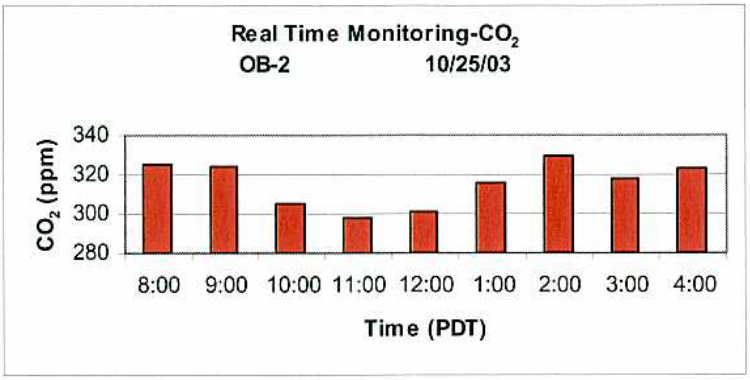
Sample	Test Method	Analyte Name	Result[1,2] (ug/m³)	Validation Qualifier[3]
OB1-EXP-2	SOPCAD26-2	1,3,5-Trinitrobenzene	ND(0.037)	
OB1-EXP-2	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.037)	
OB1-EXP-2	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.037)	
OB1-EXP-2	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.037)	
OB1-EXP-2	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.037)	
OB1-EXP-2	SOPCAD26-2	HMX	ND(0.075)	
OB1-EXP-2	SOPCAD26-2	Nitrobenzene	ND(0.037)	
OB1-EXP-2	SOPCAD26-2	PETN	ND(0.037)	
OB1-EXP-2	SOPCAD26-2	RDX	ND(0.037)	
OB1PTF470081	PM-10	PM-10	59	A
OB1PTF470081	NIOSH7300M-PM10	Aluminum	1.26	A
OB1PTF470081	NIOSH7300M-PM10	Antimony	ND(0.93)	A
OB1PTF470081	NIOSH7300M-PM10	Barium	ND(0.93)	A
OB1PTF470081	NIOSH7300M-PM10	Beryllium	ND(0.56)	A
OB1PTF470081	NIOSH7300M-PM10	Cadmium	ND(0.56)	A
OB1PTF470081	NIOSH7300M-PM10	Chromium	ND(0.93)	A
OB1PTF470081	NIOSH7300M-PM10	Cobalt	ND(0.56)	A
OB1PTF470081	NIOSH7300M-PM10	Copper	ND(0.93)	A
OB1PTF470081	NIOSH7300M-PM10	Lead	ND(0.93)	A
OB1PTF470081	NIOSH7300M-PM10	Manganese	ND(0.93)	A
OB1PTF470081	NIOSH7300M-PM10	Mercury	ND(0.018)	A
OB1PTF470081	NIOSH7300M-PM10	Molybdenum	ND(0.93)	A
OB1PTF470081	NIOSH7300M-PM10	Nickel	ND(0.93)	A
OB1PTF470081	NIOSH7300M-PM10	Zinc	ND(0.93)	A
OB1P2763-12	TO-11	Acetaldehyde	3.7	A
OB1P2763-12	TO-11	Formaldehyde	3.8	A
OB1P4188	TO-14A	Acrolein	ND(2.3)	A
Overnight Samples[6]				
OB1PTF470082	PM-10	PM-10	79	A

Approved by:

Reviewed by:

Table 23.
Smolder Phase Sampling Results
On Base Site (OB 2) BLM
10/25/2003



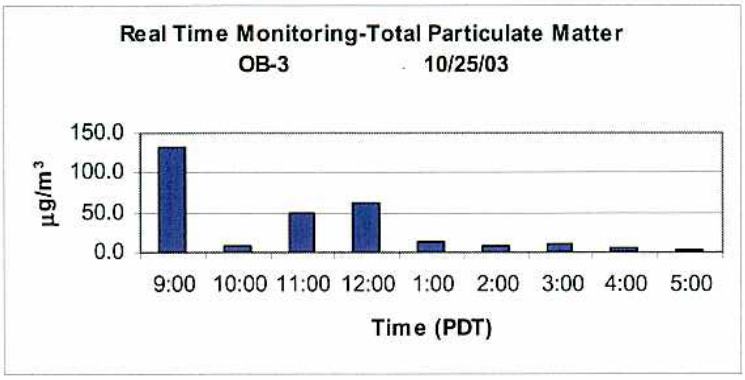


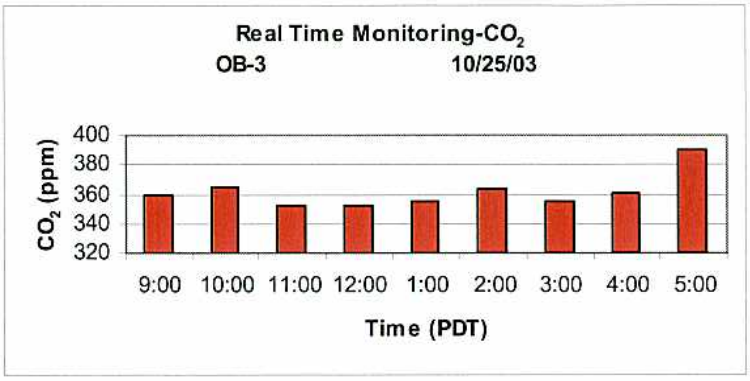
Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
OB2-EXP-2	SOPCAD26-2	1,3,5-Trinitrobenzene	ND(0.039)	
OB2-EXP-2	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.039)	
OB2-EXP-2	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.039)	
OB2-EXP-2	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.039)	
OB2-EXP-2	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.039)	
OB2-EXP-2	SOPCAD26-2	HMX	ND(0.077)	
OB2-EXP-2	SOPCAD26-2	Nitrobenzene	ND(0.039)	
OB2-EXP-2	SOPCAD26-2	PETN	ND(0.039)	
OB2-EXP-2	SOPCAD26-2	RDX	ND(0.039)	
OB2PTF470083	PM-10	PM-10	94	A
OB2PTF470083	NIOSH7300M-PM10	Aluminum	1.41	A
OB2PTF470083	NIOSH7300M-PM10	Antimony	ND(0.91)	A
OB2PTF470083	NIOSH7300M-PM10	Barium	ND(0.91)	A
OB2PTF470083	NIOSH7300M-PM10	Beryllium	ND(0.54)	A
OB2PTF470083	NIOSH7300M-PM10	Cadmium	ND(0.54)	A
OB2PTF470083	NIOSH7300M-PM10	Chromium	ND(0.91)	A
OB2PTF470083	NIOSH7300M-PM10	Cobalt	ND(0.54)	A
OB2PTF470083	NIOSH7300M-PM10	Copper	ND(0.91)	A
OB2PTF470083	NIOSH7300M-PM10	Lead	ND(0.91)	A
OB2PTF470083	NIOSH7300M-PM10	Manganese	ND(0.91)	A
OB2PTF470083	NIOSH7300M-PM10	Mercury	ND(0.018)	A
OB2PTF470083	NIOSH7300M-PM10	Molybdenum	ND(0.91)	A
OB2PTF470083	NIOSH7300M-PM10	Nickel	ND(0.91)	A
OB2PTF470083	NIOSH7300M-PM10	Zinc	ND(0.91)	A
OB2P2763-14	TO-11	Acetaldehyde	8.2	A
OB2P2763-14	TO-11	Formaldehyde	6.7	A
OB2P14110	TO-14A	Acrolein	3.9	A
Overnight Samples[6]				
OB2PTF470084	PM-10	PM-10	48	A

Approved by:

Reviewed by:

Table 24.
Smolder Phase Sampling Results
On Base Site (OB 3) MWD Well
10/25/2003



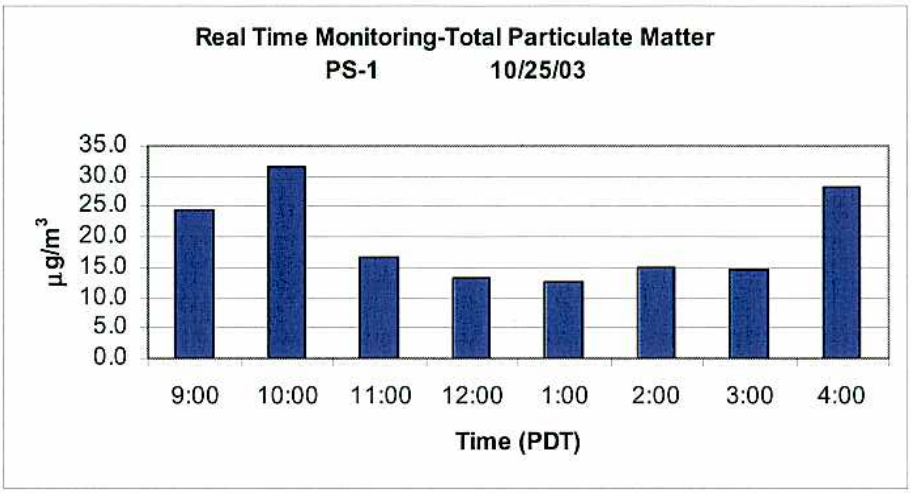


Sample	Test Method	Analyte Name	Result[1,2] (ug/m³)	Validation Qualifier[3]
OB3-EXP-2	SOPCAD26-2	1,3,5-Trinitrobenzene	ND(0.035)	
OB3-EXP-2	SOPCAD26-2	1,3-Dinitrobenzene	ND(0.035)	
OB3-EXP-2	SOPCAD26-2	2,4,6-Trinitrotoluene	ND(0.035)	
OB3-EXP-2	SOPCAD26-2	2,4-Dinitrotoluene	ND(0.035)	
OB3-EXP-2	SOPCAD26-2	2,6-Dinitrotoluene	ND(0.035)	
OB3-EXP-2	SOPCAD26-2	HMX	ND(0.070)	
OB3-EXP-2	SOPCAD26-2	Nitrobenzene	ND(0.035)	
OB3-EXP-2	SOPCAD26-2	PETN	ND(0.035)	
OB3-EXP-2	SOPCAD26-2	RDX	ND(0.035)	
OB3PTF470085	PM-10	PM-10	67	A
OB3PTF470085	NIOSH7300M-PM10	Aluminum	1.23	A
OB3PTF470085	NIOSH7300M-PM10	Antimony	ND(0.93)	A
OB3PTF470085	NIOSH7300M-PM10	Barium	ND(0.93)	A
OB3PTF470085	NIOSH7300M-PM10	Beryllium	ND(0.56)	A
OB3PTF470085	NIOSH7300M-PM10	Cadmium	ND(0.56)	A
OB3PTF470085	NIOSH7300M-PM10	Chromium	ND(0.93)	A
OB3PTF470085	NIOSH7300M-PM10	Cobalt	ND(0.56)	A
OB3PTF470085	NIOSH7300M-PM10	Copper	ND(0.93)	A
OB3PTF470085	NIOSH7300M-PM10	Lead	ND(0.93)	A
OB3PTF470085	NIOSH7300M-PM10	Manganese	ND(0.93)	A
OB3PTF470085	NIOSH7300M-PM10	Mercury	ND(0.019)	A
OB3PTF470085	NIOSH7300M-PM10	Molybdenum	ND(0.93)	A
OB3PTF470085	NIOSH7300M-PM10	Nickel	ND(0.93)	A
OB3PTF470085	NIOSH7300M-PM10	Zinc	ND(0.93)	A
OB3P2763-15	TO-11	Acetaldehyde	4.7	A
OB3P2763-15	TO-11	Formaldehyde	5	A
OB3P34458	TO-14A	Acrolein	4.3	A
Overnight Samples[6]				
OB3PTF470087	PM-10	PM-10	361	A

Approved by: _____

Reviewed by: _____

Table 25.
Smolder Phase Sampling Results
Equipment Staging Area (PS 1)
10/25/2003



Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
PS1PTF470031	PM-10	PM-10	64	A
PS1PTF470031	NIOSH7300M-PM10	Aluminum	1.17	A
PS1PTF470031	NIOSH7300M-PM10	Antimony	ND(0.94)	A
PS1PTF470031	NIOSH7300M-PM10	Barium	ND(0.94)	A
PS1PTF470031	NIOSH7300M-PM10	Beryllium	ND(0.57)	A
PS1PTF470031	NIOSH7300M-PM10	Cadmium	ND(0.57)	A
PS1PTF470031	NIOSH7300M-PM10	Chromium	ND(0.94)	A
PS1PTF470031	NIOSH7300M-PM10	Cobalt	ND(0.57)	A
PS1PTF470031	NIOSH7300M-PM10	Copper	ND(0.94)	A
PS1PTF470031	NIOSH7300M-PM10	Lead	ND(0.94)	A
PS1PTF470031	NIOSH7300M-PM10	Manganese	ND(0.94)	A
PS1PTF470031	NIOSH7300M-PM10	Mercury	ND(0.019)	A
PS1PTF470031	NIOSH7300M-PM10	Molybdenum	ND(0.94)	A
PS1PTF470031	NIOSH7300M-PM10	Nickel	ND(0.94)	A
PS1PTF470031	NIOSH7300M-PM10	Zinc	ND(0.94)	A
PS1P2763-16	TO-11	Acetaldehyde	2.4	A
PS1P2763-16	TO-11	Formaldehyde	2.8	A
PS1P25315	TO-14A	Acrolein	ND(2.2)	A
Overnight Samples[6]				
PS1PTF470089	PM-10	PM-10	32	A

Approved by: _____

Reviewed by: _____

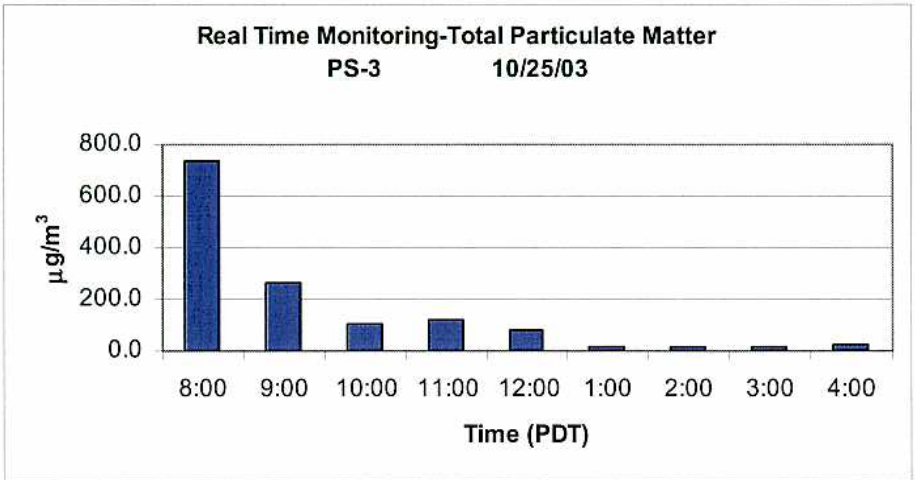
Table 26.
Smolder Phase Sampling Results
Fitch Middle School (PS 2)
10/25/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000344[8]	PM-10	PM-10	73.2	
P2000344[8]	NIOSH7300M-PM10	Aluminum	1.2	A
P2000344[8]	NIOSH7300M-PM10	Antimony	ND(0.35)	A
P2000344[8]	NIOSH7300M-PM10	Barium	ND(0.35)	A
P2000344[8]	NIOSH7300M-PM10	Beryllium	ND(0.21)	A
P2000344[8]	NIOSH7300M-PM10	Cadmium	ND(0.21)	A
P2000344[8]	NIOSH7300M-PM10	Chromium	ND(0.35)	A
P2000344[8]	NIOSH7300M-PM10	Cobalt	ND(0.21)	A
P2000344[8]	NIOSH7300M-PM10	Copper	ND(0.35)	A
P2000344[8]	NIOSH7300M-PM10	Lead	ND(0.35)	A
P2000344[8]	NIOSH7300M-PM10	Manganese	ND(0.35)	A
P2000344[8]	NIOSH6009M-PM10	Mercury	ND(0.0069)	A
P2000344[8]	NIOSH7300M-PM10	Molybdenum	ND(0.35)	A
P2000344[8]	NIOSH7300M-PM10	Nickel	ND(0.35)	A
P2000344[8]	NIOSH7300M-PM10	Zinc	ND(0.35)	A
PS2P2763-17[8]	TO-11	Acetaldehyde	4	A
PS2P2763-17[8]	TO-11	Formaldehyde	4.6	A
PS2P34735[8]	TO-14A	Acrolein	11	A

Approved by:

Reviewed by:

Table 27.
Smolder Phase Sampling Results
Manzanita School (PS 3)
10/25/2003



Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
PS3PTF470032	PM-10	PM-10	124	A
PS3PTF470032	NIOSH7300M-PM10	Aluminum	1.32	A
PS3PTF470032	NIOSH7300M-PM10	Antimony	ND(0.91)	A
PS3PTF470032	NIOSH7300M-PM10	Barium	ND(0.91)	A
PS3PTF470032	NIOSH7300M-PM10	Beryllium	ND(0.55)	A
PS3PTF470032	NIOSH7300M-PM10	Cadmium	ND(0.55)	A
PS3PTF470032	NIOSH7300M-PM10	Chromium	ND(0.91)	A
PS3PTF470032	NIOSH7300M-PM10	Cobalt	ND(0.55)	A
PS3PTF470032	NIOSH7300M-PM10	Copper	ND(0.91)	A
PS3PTF470032	NIOSH7300M-PM10	Lead	ND(0.91)	A
PS3PTF470032	NIOSH7300M-PM10	Manganese	ND(0.91)	A
PS3PTF470032	NIOSH7300M-PM10	Mercury	ND(0.018)	A
PS3PTF470032	NIOSH7300M-PM10	Molybdenum	ND(0.91)	A
PS3PTF470032	NIOSH7300M-PM10	Nickel	ND(0.91)	A
PS3PTF470032	NIOSH7300M-PM10	Zinc	ND(0.91)	A
PS3P2763-18	TO-11	Acetaldehyde	8.5	A
PS3P2763-18	TO-11	Formaldehyde	7.6	A
PS3P12942	TO-14A	Acrolein	3	A
Overnight Samples[6]				
PS3PTF470033	PM-10	PM-10	99	A

Approved by:_____

Reviewed by:_____

Table 28.
Smolder Phase Sampling Results
MBUAPCD District Office (PS 4)
10/25/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
PS4P2763-19	TO-11	Acetaldehyde	5.7	A
PS4P2763-19	TO-11	Formaldehyde	6.2	A
PS4P6997	TO-14A	Acrolein	ND(2.3)	A

PM_{10} and particulate metals data is unavailable due to incomplete Air District flow data records.

Approved by: _____

Reviewed by: _____

Table 29.
Smolder Phase Sampling Results
Salinas Rural Fire District (PS 5)
10/25/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000751	PM-10	PM-10	58.5	
P2000751	NIOSH7300M-PM10	Aluminum	1.3	A
P2000751	NIOSH7300M-PM10	Antimony	ND(0.35)	A
P2000751	NIOSH7300M-PM10	Barium	ND(0.35)	A
P2000751	NIOSH7300M-PM10	Beryllium	ND(0.21)	A
P2000751	NIOSH7300M-PM10	Cadmium	ND(0.21)	A
P2000751	NIOSH7300M-PM10	Chromium	ND(0.35)	A
P2000751	NIOSH7300M-PM10	Cobalt	ND(0.21)	A
P2000751	NIOSH7300M-PM10	Copper	ND(0.35)	A
P2000751	NIOSH7300M-PM10	Lead	ND(0.35)	A
P2000751	NIOSH7300M-PM10	Manganese	ND(0.35)	A
P2000751	NIOSH6009M-PM10	Mercury	ND(0.0070)	A
P2000751	NIOSH7300M-PM10	Molybdenum	ND(0.35)	A
P2000751	NIOSH7300M-PM10	Nickel	ND(0.35)	A
P2000751	NIOSH7300M-PM10	Zinc	ND(0.35)	A
PS5P2763-20	TO-11	Acetaldehyde	3.7	A
PS5P2763-20	TO-11	Formaldehyde	3.7	A
PS5P12952	TO-14A	Acrolein	3.5	A

Approved by:

Reviewed by:

Table 30.
Smolder Phase Sampling Results
Spreckles School (PS 6)
10/25/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000337	PM-10	PM-10	70.4	
P2000337	NIOSH7300M-PM10	Aluminum	1.5	A
P2000337	NIOSH7300M-PM10	Antimony	ND(0.35)	A
P2000337	NIOSH7300M-PM10	Barium	ND(0.35)	A
P2000337	NIOSH7300M-PM10	Beryllium	ND(0.21)	A
P2000337	NIOSH7300M-PM10	Cadmium	ND(0.21)	A
P2000337	NIOSH7300M-PM10	Chromium	ND(0.35)	A
P2000337	NIOSH7300M-PM10	Cobalt	ND(0.21)	A
P2000337	NIOSH7300M-PM10	Copper	ND(0.35)	A
P2000337	NIOSH7300M-PM10	Lead	ND(0.35)	A
P2000337	NIOSH7300M-PM10	Manganese	ND(0.35)	A
P2000337	NIOSH6009M-PM10	Mercury	ND(0.0069)	A
P2000337	NIOSH7300M-PM10	Molybdenum	ND(0.35)	A
P2000337	NIOSH7300M-PM10	Nickel	ND(0.35)	A
P2000337	NIOSH7300M-PM10	Zinc	ND(0.35)	A
PS6P2763-21	TO-11	Acetaldehyde	3.35	A
PS6P2763-21	TO-11	Formaldehyde	3.75	A
PS6P33532	TO-14A	Acrolein	2.5	A

Approved by:

Reviewed by:

Table 31.
Smolder Phase Sampling Results
Ingham School (PS 7)
10/25/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000331	PM-10	PM-10	49	
P2000331	NIOSH7300M-PM10	Aluminum	0.99	A
P2000331	NIOSH7300M-PM10	Antimony	ND(0.35)	A
P2000331	NIOSH7300M-PM10	Barium	ND(0.35)	A
P2000331	NIOSH7300M-PM10	Beryllium	ND(0.21)	A
P2000331	NIOSH7300M-PM10	Cadmium	ND(0.21)	A
P2000331	NIOSH7300M-PM10	Chromium	ND(0.35)	A
P2000331	NIOSH7300M-PM10	Cobalt	ND(0.21)	A
P2000331	NIOSH7300M-PM10	Copper	ND(0.35)	A
P2000331	NIOSH7300M-PM10	Lead	ND(0.35)	A
P2000331	NIOSH7300M-PM10	Manganese	ND(0.35)	A
P2000331	NIOSH6009M-PM10	Mercury	ND(0.0069)	A
P2000331	NIOSH7300M-PM10	Molybdenum	ND(0.35)	A
P2000331	NIOSH7300M-PM10	Nickel	ND(0.35)	A
P2000331	NIOSH7300M-PM10	Zinc	ND(0.35)	A
PS7P2763-22	TO-11	Acetaldehyde	7.85	A
PS7P2763-22	TO-11	Formaldehyde	7.57	A
PS7P4257	TO-14A	Acrolein	ND(2.5)	A

Approved by:

Reviewed by:

Table 32.
Smolder Phase Sampling Results
Gonzales (PS 8)
10/25/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000761	PM-10	PM-10	66.8	
P2000761	NIOSH7300M-PM10	Aluminum	1.5	A
P2000761	NIOSH7300M-PM10	Antimony	ND(0.35)	A
P2000761	NIOSH7300M-PM10	Barium	ND(0.35)	A
P2000761	NIOSH7300M-PM10	Beryllium	ND(0.21)	A
P2000761	NIOSH7300M-PM10	Cadmium	ND(0.21)	A
P2000761	NIOSH7300M-PM10	Chromium	ND(0.35)	A
P2000761	NIOSH7300M-PM10	Cobalt	ND(0.21)	A
P2000761	NIOSH7300M-PM10	Copper	ND(0.35)	A
P2000761	NIOSH7300M-PM10	Lead	ND(0.35)	A
P2000761	NIOSH7300M-PM10	Manganese	ND(0.35)	A
P2000761	NIOSH6009M-PM10	Mercury	ND(0.0069)	A
P2000761	NIOSH7300M-PM10	Molybdenum	ND(0.35)	A
P2000761	NIOSH7300M-PM10	Nickel	ND(0.35)	A
P2000761	NIOSH7300M-PM10	Zinc	ND(0.35)	A

Approved by: _____

Reviewed by: _____

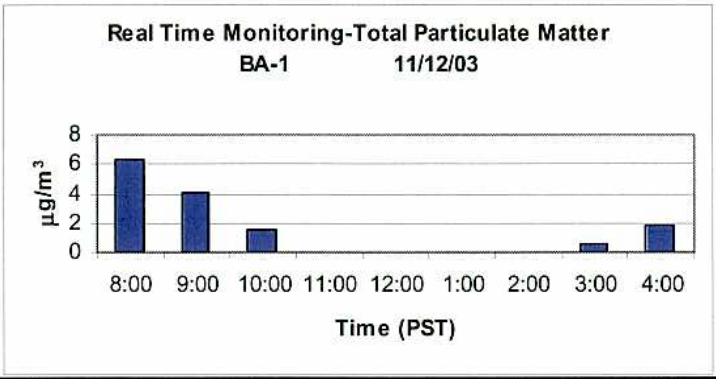
Table 33.
Smolder Phase Sampling Results
Monterey Aquarium (PS 9)
10/25/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
PS9PTF470034	PM-10	PM-10	88	A
PS9PTF470034	NIOSH7300M-PM10	Aluminum	1.07	A
PS9PTF470034	NIOSH7300M-PM10	Antimony	ND(0.95)	A
PS9PTF470034	NIOSH7300M-PM10	Barium	ND(0.95)	A
PS9PTF470034	NIOSH7300M-PM10	Beryllium	ND(0.57)	A
PS9PTF470034	NIOSH7300M-PM10	Cadmium	ND(0.57)	A
PS9PTF470034	NIOSH7300M-PM10	Chromium	ND(0.95)	A
PS9PTF470034	NIOSH7300M-PM10	Cobalt	ND(0.57)	A
PS9PTF470034	NIOSH7300M-PM10	Copper	ND(0.95)	A
PS9PTF470034	NIOSH7300M-PM10	Lead	ND(0.95)	A
PS9PTF470034	NIOSH7300M-PM10	Manganese	ND(0.95)	A
PS9PTF470034	NIOSH7300M-PM10	Mercury	ND(0.019)	A
PS9PTF470034	NIOSH7300M-PM10	Molybdenum	ND(0.95)	A
PS9PTF470034	NIOSH7300M-PM10	Nickel	ND(0.95)	A
PS9PTF470034	NIOSH7300M-PM10	Zinc	ND(0.95)	A
PS9P2763-23	TO-11	Acetaldehyde	2.6	A
PS9P2763-23	TO-11	Formaldehyde	4	A
PS9P4289	TO-14A	Acrolein	77	A
Overnight Samples[6]				
PS9PTF470035	PM-10	PM-10	72	A

Approved by: _____

Reviewed by: _____

Table 34.
Baseline Sampling Results
Burn Area Site (BA 1) Range 46
11/12/2003

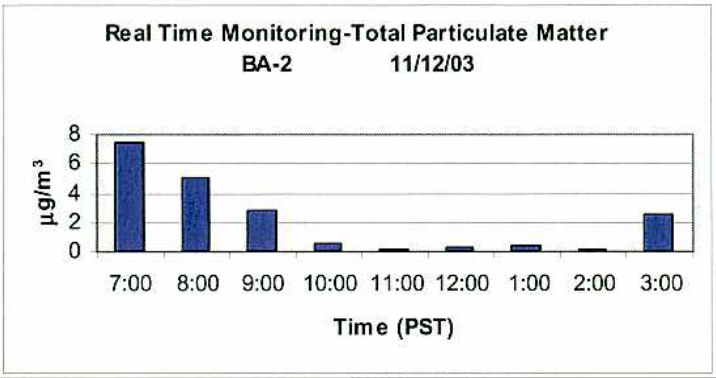


Sample	Test Method	Analyte Name	Result[1,2] (ug/m³)	Validation Qualifier[3]
BA1-0448-BG	SOPCAD26-3	1,3,5-Trinitrobenzene	ND(0.049)	
BA1-0448-BG	SOPCAD26-3	1,3-Dinitrobenzene	ND(0.049)	
BA1-0448-BG	SOPCAD26-3	2,4,6-Trinitrotoluene	ND(0.049)	
BA1-0448-BG	SOPCAD26-3	2,4-Dinitrotoluene	ND(0.049)	
BA1-0448-BG	SOPCAD26-3	2,6-Dinitrotoluene	ND(0.049)	
BA1-0448-BG	SOPCAD26-3	HMX	ND(0.098)	
BA1-0448-BG	SOPCAD26-3	Nitrobenzene	ND(0.049)	
BA1-0448-BG	SOPCAD26-3	PETN	NR[9]	
BA1-0448-BG	SOPCAD26-3	RDX	ND(0.049)	
BA1PQ0142651	PM-10	PM-10	6.8	A
BA1PQ0142653	TSP	Total Particulates	12	A
BA1PQ0142651	EPA12M-PM10	Aluminum	ND(0.51)	A
BA1PQ0142651	EPA12M-PM10	Antimony	ND(0.042)	A
BA1PQ0142651	EPA12M-PM10	Barium	ND(0.17)	A
BA1PQ0142651	EPA12M-PM10	Beryllium	ND(0.042)	A
BA1PQ0142651	EPA12M-PM10	Cadmium	ND(0.042)	A
BA1PQ0142651	EPA12M-PM10	Chromium	ND(0.042)	A
BA1PQ0142651	EPA12M-PM10	Cobalt	ND(0.042)	A
BA1PQ0142651	EPA12M-PM10	Copper	ND(0.042)	A
BA1PQ0142651	EPA12M-PM10	Lead	ND(0.042)	A
BA1PQ0142651	EPA12M-PM10	Manganese	ND(0.042)	A
BA1PQ0142651	NIOSH6009	Mercury	ND(0.0008)	A
BA1PQ0142651	EPA12M-PM10	Molybdenum	ND(0.042)	A
BA1PQ0142651	EPA12M-PM10	Nickel	ND(0.042)	A
BA1PQ0142651	EPA12M-PM10	Zinc	ND(0.042)	A
BA1PQ0142653	EPA12M-TSP	Aluminum	ND(0.37)	A
BA1PQ0142653	EPA12M-TSP	Antimony	ND(0.031)	A
BA1PQ0142653	EPA12M-TSP	Barium	ND(0.12)	A
BA1PQ0142653	EPA12M-TSP	Beryllium	ND(0.031)	A
BA1PQ0142653	EPA12M-TSP	Cadmium	ND(0.031)	A
BA1PQ0142653	EPA12M-TSP	Chromium	ND(0.031)	A
BA1PQ0142653	EPA12M-TSP	Cobalt	ND(0.031)	A
BA1PQ0142653	EPA12M-TSP	Copper	0.042	A
BA1PQ0142653	EPA12M-TSP	Lead	ND(0.031)	A
BA1PQ0142653	EPA12M-TSP	Manganese	ND(0.031)	A
BA1PQ0142653	NIOSH6009	Mercury	ND(0.0006)	A
BA1PQ0142653	EPA12M-TSP	Molybdenum	ND(0.031)	A
BA1PQ0142653	EPA12M-TSP	Nickel	ND(0.031)	A
BA1PQ0142653	EPA12M-TSP	Zinc	ND(0.031)	A
BA1P2763-29	TO-11	Acetaldehyde	1.2	A
BA1P2763-29	TO-11	Formaldehyde	1.4	A
BA1P4252	TO-14A	Acrolein	ND(2.2)	A
BA1PPUFF16	TO-9A	TEQ[4]	1.90E-11	A

Approved by: _____

Reviewed by: _____

Table 35.
Baseline Sampling Results
Burn Area Site (BA 2) Range 43
11/12/2003

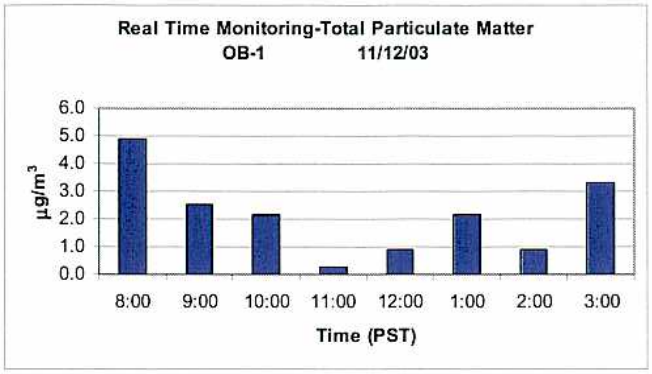


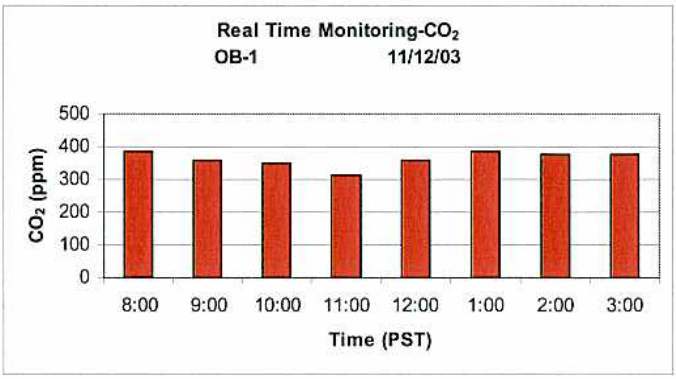
Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
BA2-0498-BG	SOPCAD26-3	1,3,5-Trinitrobenzene	ND(0.051)	
BA2-0498-BG	SOPCAD26-3	1,3-Dinitrobenzene	ND(0.051)	
BA2-0498-BG	SOPCAD26-3	2,4,6-Trinitrotoluene	ND(0.051)	
BA2-0498-BG	SOPCAD26-3	2,4-Dinitrotoluene	ND(0.051)	
BA2-0498-BG	SOPCAD26-3	2,6-Dinitrotoluene	ND(0.051)	
BA2-0498-BG	SOPCAD26-3	HMX	ND(0.102)	
BA2-0498-BG	SOPCAD26-3	Nitrobenzene	ND(0.051)	
BA2-0498-BG	SOPCAD26-3	PETN	NR[9]	
BA2-0498-BG	SOPCAD26-3	RDX	ND(0.051)	
BA2PQ0116280	PM-10	PM-10	8.4	A
BA2PQ0116296	TSP	Total Particulates	14	A
BA2PQ0116280	EPA12M-PM10	Aluminum	ND(0.50)	A
BA2PQ0116280	EPA12M-PM10	Antimony	ND(0.042)	A
BA2PQ0116280	EPA12M-PM10	Barium	ND(0.17)	A
BA2PQ0116280	EPA12M-PM10	Beryllium	ND(0.042)	A
BA2PQ0116280	EPA12M-PM10	Cadmium	ND(0.042)	A
BA2PQ0116280	EPA12M-PM10	Chromium	ND(0.042)	A
BA2PQ0116280	EPA12M-PM10	Cobalt	ND(0.042)	A
BA2PQ0116280	EPA12M-PM10	Copper	ND(0.042)	A
BA2PQ0116280	EPA12M-PM10	Lead	ND(0.042)	A
BA2PQ0116280	EPA12M-PM10	Manganese	ND(0.042)	A
BA2PQ0116280	NIOSH6009	Mercury	ND(0.0008)	A
BA2PQ0116280	EPA12M-PM10	Molybdenum	ND(0.042)	A
BA2PQ0116280	EPA12M-PM10	Nickel	ND(0.042)	A
BA2PQ0116280	EPA12M-PM10	Zinc	ND(0.042)	A
BA2PQ0116296	EPA12M-TSP	Aluminum	ND(0.31)	A
BA2PQ0116296	EPA12M-TSP	Antimony	ND(0.026)	A
BA2PQ0116296	EPA12M-TSP	Barium	ND(0.10)	A
BA2PQ0116296	EPA12M-TSP	Beryllium	ND(0.026)	A
BA2PQ0116296	EPA12M-TSP	Cadmium	ND(0.026)	A
BA2PQ0116296	EPA12M-TSP	Chromium	ND(0.026)	A
BA2PQ0116296	EPA12M-TSP	Cobalt	ND(0.026)	A
BA2PQ0116296	EPA12M-TSP	Copper	0.072	A
BA2PQ0116296	EPA12M-TSP	Lead	ND(0.026)	A
BA2PQ0116296	EPA12M-TSP	Manganese	ND(0.026)	A
BA2PQ0116296	NIOSH6009	Mercury	ND(0.0005)	A
BA2PQ0116296	EPA12M-TSP	Molybdenum	ND(0.026)	A
BA2PQ0116296	EPA12M-TSP	Nickel	ND(0.026)	A
BA2PQ0116296	EPA12M-TSP	Zinc	0.032	A
BA2P2763-28	TO-11	Acetaldehyde	1.4	A
BA2P2763-28	TO-11	Formaldehyde	2.1	A
BA2P34428	TO-14A	Acrolein	5.9	A
BA2PPUFF17	TO-9A	TEQ[4]	1.50E-11	A

Approved by: _____

Reviewed by: _____

Table 36.
Baseline Sampling Results
On Base Site (OB 1) Fitch Park
11/12/2003



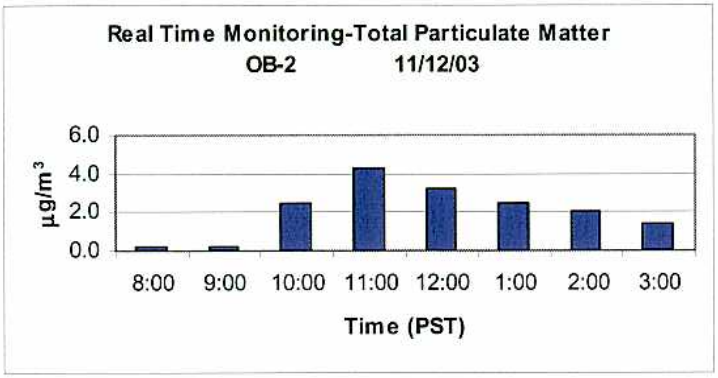


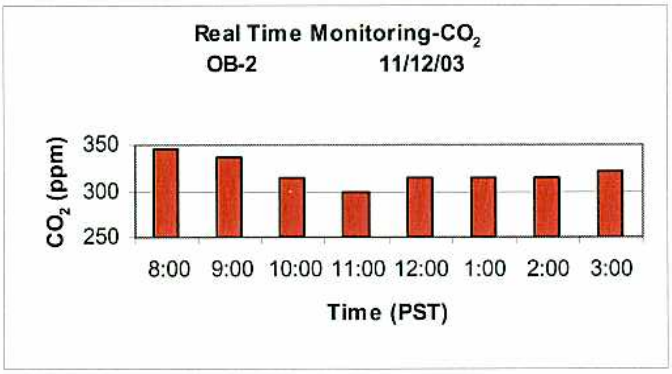
Sample	Test Method	Analyte Name	Result[1,2] (ug/m³)	Validation Qualifier[3]
OB1-3671-BG	SOPCAD26-3	1,3,5-Trinitrobenzene	ND(0.039)	
OB1-3671-BG	SOPCAD26-3	1,3-Dinitrobenzene	ND(0.039)	
OB1-3671-BG	SOPCAD26-3	2,4,6-Trinitrotoluene	ND(0.039)	
OB1-3671-BG	SOPCAD26-3	2,4-Dinitrotoluene	ND(0.039)	
OB1-3671-BG	SOPCAD26-3	2,6-Dinitrotoluene	ND(0.039)	
OB1-3671-BG	SOPCAD26-3	HMX	ND(0.077)	
OB1-3671-BG	SOPCAD26-3	Nitrobenzene	ND(0.039)	
OB1-3671-BG	SOPCAD26-3	PETN	NR[9]	
OB1-3671-BG	SOPCAD26-3	RDX	ND(0.039)	
OB1PTF470051	PM-10	PM-10	23	A
OB1PTF470051	EPA12M-PM10	Aluminum	1.05	A
OB1PTF470051	EPA12M-PM10	Antimony	ND(0.94)	A
OB1PTF470051	EPA12M-PM10	Barium	ND(0.94)	A
OB1PTF470051	EPA12M-PM10	Beryllium	ND(0.56)	A
OB1PTF470051	EPA12M-PM10	Cadmium	ND(0.56)	A
OB1PTF470051	EPA12M-PM10	Chromium	ND(0.94)	A
OB1PTF470051	EPA12M-PM10	Cobalt	ND(0.56)	A
OB1PTF470051	EPA12M-PM10	Copper	ND(0.94)	A
OB1PTF470051	EPA12M-PM10	Lead	ND(0.94)	A
OB1PTF470051	EPA12M-PM10	Manganese	ND(0.94)	A
OB1PTF470051	EPA12M-PM10	Mercury	ND(0.019)	A
OB1PTF470051	EPA12M-PM10	Molybdenum	ND(0.94)	A
OB1PTF470051	EPA12M-PM10	Nickel	ND(0.94)	A
OB1PTF470051	EPA12M-PM10	Zinc	ND(0.94)	A
OB1P2763-26	TO-11	Acetaldehyde	1.3	A
OB1P2763-26	TO-11	Formaldehyde	1.5	A
OB1P9544	TO-14A	Acrolein	2.2	A
Overnight Samples[7]				
OB1PTF470058	PM-10	PM-10	16	A

Approved by:

Reviewed by:

Table 37.
Baseline Sampling Results
On Base Site (OB 2) BLM
11/12/2003



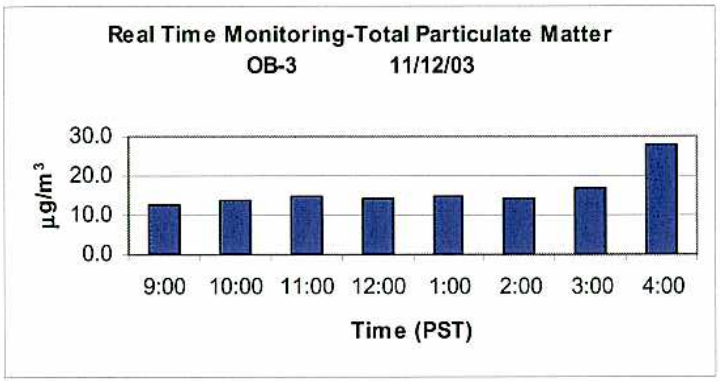


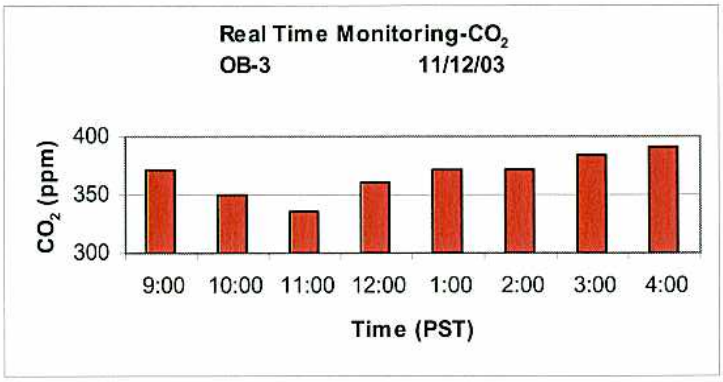
Sample	Test Method	Analyte Name	Result [1,2] (ug/m³)	Validation Qualifier[3]
OB2-0450-BG	SOPCAD26-3	1,3,5-Trinitrobenzene	ND(0.044)	
OB2-0450-BG	SOPCAD26-3	1,3-Dinitrobenzene	ND(0.044)	
OB2-0450-BG	SOPCAD26-3	2,4,6-Trinitrotoluene	ND(0.044)	
OB2-0450-BG	SOPCAD26-3	2,4-Dinitrotoluene	ND(0.044)	
OB2-0450-BG	SOPCAD26-3	2,6-Dinitrotoluene	ND(0.044)	
OB2-0450-BG	SOPCAD26-3	HMX	ND(0.088)	
OB2-0450-BG	SOPCAD26-3	Nitrobenzene	ND(0.044)	
OB2-0450-BG	SOPCAD26-3	PETN	NR[9]	
OB2-0450-BG	SOPCAD26-3	RDX	ND(0.044)	
OB2PTF470052	PM-10	PM-10	ND(19)	A
OB2PTF470052	EPA12M-PM10	Aluminum	ND(0.97)	A
OB2PTF470052	EPA12M-PM10	Antimony	ND(0.97)	A
OB2PTF470052	EPA12M-PM10	Barium	ND(0.97)	A
OB2PTF470052	EPA12M-PM10	Beryllium	ND(0.58)	A
OB2PTF470052	EPA12M-PM10	Cadmium	ND(0.58)	A
OB2PTF470052	EPA12M-PM10	Chromium	ND(0.97)	A
OB2PTF470052	EPA12M-PM10	Cobalt	ND(0.58)	A
OB2PTF470052	EPA12M-PM10	Copper	ND(0.97)	A
OB2PTF470052	EPA12M-PM10	Lead	ND(0.97)	A
OB2PTF470052	EPA12M-PM10	Manganese	ND(0.97)	A
OB2PTF470052	EPA12M-PM10	Mercury	ND(0.019)	A
OB2PTF470052	EPA12M-PM10	Molybdenum	ND(0.97)	A
OB2PTF470052	EPA12M-PM10	Nickel	ND(0.97)	A
OB2PTF470052	EPA12M-PM10	Zinc	ND(0.97)	A
OB2P2763-30	TO-11	Acetaldehyde	1.1	A
OB2P2763-30	TO-11	Formaldehyde	1.4	A
OB2P10783	TO-14A	Acrolein	2.3	A
Overnight Samples[7]				
OB2PTF470059	PM-10	PM-10	20	A

Approved by:

Reviewed by:

Table 38.
Baseline Sampling Results
On Base Site (OB 3) MWD Well
11/12/2003





Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
OB3-2889-BG	SOPCAD26-3	1,3,5-Trinitrobenzene	ND(0.041)	
OB3-2889-BG	SOPCAD26-3	1,3-Dinitrobenzene	ND(0.041)	
OB3-2889-BG	SOPCAD26-3	2,4,6-Trinitrotoluene	ND(0.041)	
OB3-2889-BG	SOPCAD26-3	2,4-Dinitrotoluene	ND(0.041)	
OB3-2889-BG	SOPCAD26-3	2,6-Dinitrotoluene	ND(0.041)	
OB3-2889-BG	SOPCAD26-3	HMX	ND(0.081)	
OB3-2889-BG	SOPCAD26-3	Nitrobenzene	ND(0.041)	
OB3-2889-BG	SOPCAD26-3	PETN	NR[9]	
OB3-2889-BG	SOPCAD26-3	RDX	ND(0.041)	
OB3PTF470053	PM-10	PM-10	ND(21)	A
OB3PTF470053	EPA12M-PM10	Aluminum	ND(1.06)	A
OB3PTF470053	EPA12M-PM10	Antimony	ND(1.06)	A
OB3PTF470053	EPA12M-PM10	Barium	ND(1.06)	A
OB3PTF470053	EPA12M-PM10	Beryllium	ND(0.64)	A
OB3PTF470053	EPA12M-PM10	Cadmium	ND(0.64)	A
OB3PTF470053	EPA12M-PM10	Chromium	ND(1.06)	A
OB3PTF470053	EPA12M-PM10	Cobalt	ND(0.64)	A
OB3PTF470053	EPA12M-PM10	Copper	ND(1.06)	A
OB3PTF470053	EPA12M-PM10	Lead	ND(1.06)	A
OB3PTF470053	EPA12M-PM10	Manganese	ND(1.06)	A
OB3PTF470053	EPA12M-PM10	Mercury	ND(0.021)	A
OB3PTF470053	EPA12M-PM10	Molybdenum	ND(1.06)	A
OB3PTF470053	EPA12M-PM10	Nickel	ND(1.06)	A
OB3PTF470053	EPA12M-PM10	Zinc	ND(1.06)	A
OB3P2763-37	TO-11	Acetaldehyde	1.4	A
OB3P2763-37	TO-11	Formaldehyde	1.9	A
OB3P03788	TO-14A	Acrolein	ND(2.3)	A
Overnight Samples[7]				
OB3PTF470060	PM-10	PM-10	30	A

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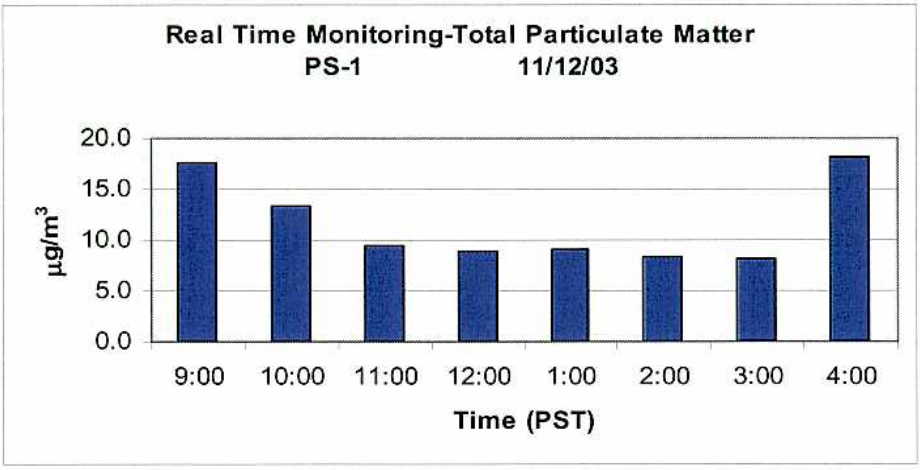
Reviewed by:

Table 39.
Baseline Sampling Results
Equipment Staging Area (PS 1)
11/12/2003

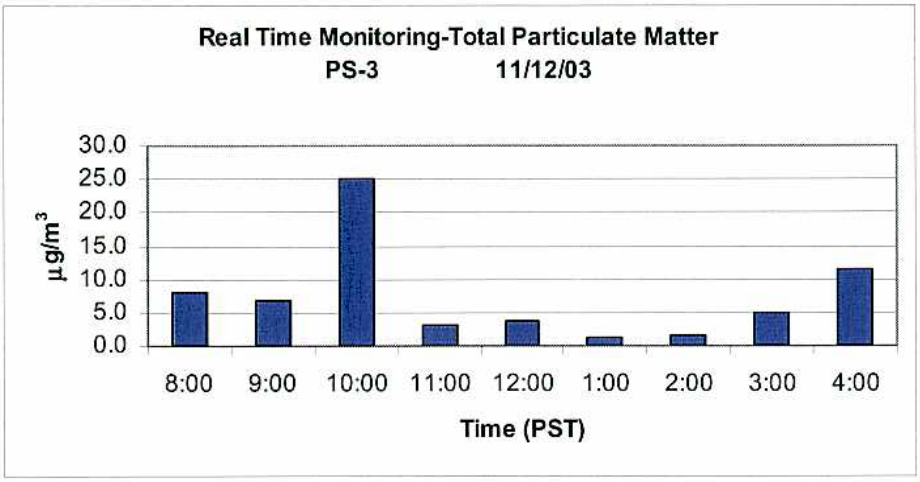


Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
PS1PTF470055	PM-10	PM-10	26	A
PS1PTF470055	EPA12M-PM10	Aluminum	ND(0.91)	A
PS1PTF470055	EPA12M-PM10	Antimony	ND(0.91)	A
PS1PTF470055	EPA12M-PM10	Barium	ND(0.91)	A
PS1PTF470055	EPA12M-PM10	Beryllium	ND(0.55)	A
PS1PTF470055	EPA12M-PM10	Cadmium	ND(0.55)	A
PS1PTF470055	EPA12M-PM10	Chromium	ND(0.91)	A
PS1PTF470055	EPA12M-PM10	Cobalt	ND(0.55)	A
PS1PTF470055	EPA12M-PM10	Copper	ND(0.91)	A
PS1PTF470055	EPA12M-PM10	Lead	ND(0.91)	A
PS1PTF470055	EPA12M-PM10	Manganese	ND(0.91)	A
PS1PTF470055	EPA12M-PM10	Mercury	ND(0.018)	A
PS1PTF470055	EPA12M-PM10	Molybdenum	ND(0.91)	A
PS1PTF470055	EPA12M-PM10	Nickel	ND(0.91)	A
PS1PTF470055	EPA12M-PM10	Zinc	ND(0.91)	A
PS1P2763-38	TO-11	Acetaldehyde	1.2	A
PS1P2763-38	TO-11	Formaldehyde	1.4	A
PS1P33928	TO-14A	Acrolein	2.4	A
Overnight Samples[7]				
PS1PTF470062	PM-10	PM-10	32	A

Approved by:_____

Reviewed by:_____

Table 40.
Baseline Sampling Results
Manzanita School (PS 3)
11/12/2003



Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]	Lab Qualifier[10]
PS3PTF470056	PM-10	PM-10	ND(18)	A	
PS3PTF470056	EPA12M-PM10	Aluminum	3.69	A	
PS3PTF470056	EPA12M-PM10	Antimony	ND(0.92)	A	
PS3PTF470056	EPA12M-PM10	Barium	ND(0.92)	A	
PS3PTF470056	EPA12M-PM10	Beryllium	ND(0.55)	A	
PS3PTF470056	EPA12M-PM10	Cadmium	ND(0.55)	A	
PS3PTF470056	EPA12M-PM10	Chromium	ND(0.92)	A	
PS3PTF470056	EPA12M-PM10	Cobalt	ND(0.55)	A	
PS3PTF470056	EPA12M-PM10	Copper	ND(0.92)	A	
PS3PTF470056	EPA12M-PM10	Zinc	ND(0.92)	A	
PS3PTF470056	EPA12M-PM10	Lead	ND(0.92)	A	
PS3PTF470056	EPA12M-PM10	Manganese	ND(0.92)	A	
PS3PTF470056	EPA12M-PM10	Mercury	ND(0.018)	A	
PS3PTF470056	EPA12M-PM10	Molybdenum	ND(0.92)	A	
PS3PTF470056	EPA12M-PM10	Nickel	ND(0.92)	A	
PS3P2763-39	TO-11	Acetaldehyde	1.6	A	
PS3P2763-39	TO-11	Formaldehyde	1.8	A	
PS3P31438	TO-14A	Acrolein	ND(2.1)	A	U
Overnight Samples[7]					
PS3PTF470063	PM-10	PM-10	27	A	

Approved by:_____

Reviewed by:_____

Table 41.
Baseline Sampling Results
Monterey Aquarium (PS 9)
11/12/2003

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
PS9PTF470057	PM-10	PM-10	31	A
PS9PTF470057	EPA12M-PM10	Aluminum	ND(0.97)	A
PS9PTF470057	EPA12M-PM10	Antimony	ND(0.97)	A
PS9PTF470057	EPA12M-PM10	Barium	ND(0.97)	A
PS9PTF470057	EPA12M-PM10	Beryllium	ND(0.58)	A
PS9PTF470057	EPA12M-PM10	Cadmium	ND(0.58)	A
PS9PTF470057	EPA12M-PM10	Chromium	ND(0.97)	A
PS9PTF470057	EPA12M-PM10	Cobalt	ND(0.58)	A
PS9PTF470057	EPA12M-PM10	Copper	ND(0.97)	A
PS9PTF470057	EPA12M-PM10	Lead	ND(0.97)	A
PS9PTF470057	EPA12M-PM10	Manganese	ND(0.97)	A
PS9PTF470057	EPA12M-PM10	Mercury	ND(0.019)	A
PS9PTF470057	EPA12M-PM10	Molybdenum	ND(0.97)	A
PS9PTF470057	EPA12M-PM10	Nickel	ND(0.97)	A
PS9PTF470057	EPA12M-PM10	Zinc	ND(0.97)	A
PS9P2763-36	TO-11	Acetaldehyde	1.9	A
PS9P2763-36	TO-11	Formaldehyde	2.6	A
PS9P34363	TO-14A	Acrolein	2.9	A
Overnight Samples[7]				
PS9PTF470064	PM-10	PM-10	33	A

Approved by:

Reviewed by:

Table 42.
Baseline Sampling Results
PS 2, PS 4, PS 5, PS 6, PS 7, PS 8
10/23/2003

PS 2 Fitch Middle School

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000764	PM-10	PM-10	30.6	
P2000764	NIOSH7300M-PM10	Aluminum	0.64	A
P2000764	NIOSH7300M-PM10	Antimony	ND(0.36)	A
P2000764	NIOSH7300M-PM10	Barium	ND(0.36)	A
P2000764	NIOSH7300M-PM10	Beryllium	ND(0.22)	A
P2000764	NIOSH7300M-PM10	Cadmium	ND(0.22)	A
P2000764	NIOSH7300M-PM10	Chromium	ND(0.36)	A
P2000764	NIOSH7300M-PM10	Cobalt	ND(0.22)	A
P2000764	NIOSH7300M-PM10	Copper	ND(0.36)	A
P2000764	NIOSH7300M-PM10	Lead	ND(0.36)	A
P2000764	NIOSH7300M-PM10	Manganese	ND(0.36)	A
P2000764	NIOSH6009M-PM10	Mercury	ND(0.0072)	A
P2000764	NIOSH7300M-PM10	Molybdenum	ND(0.36)	A
P2000764	NIOSH7300M-PM10	Nickel	ND(0.36)	A
P2000764	NIOSH7300M-PM10	Zinc	ND(0.36)	A

PS 4 MBUAPCD District Office

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000771	PM-10	PM-10	27.8	
P2000771	NIOSH7300M-PM10	Aluminum	0.61	A
P2000771	NIOSH7300M-PM10	Antimony	ND(0.35)	A
P2000771	NIOSH7300M-PM10	Barium	ND(0.35)	A
P2000771	NIOSH7300M-PM10	Beryllium	ND(0.21)	A
P2000771	NIOSH7300M-PM10	Cadmium	ND(0.21)	A
P2000771	NIOSH7300M-PM10	Chromium	ND(0.35)	A
P2000771	NIOSH7300M-PM10	Cobalt	ND(0.21)	A
P2000771	NIOSH7300M-PM10	Copper	ND(0.35)	A
P2000771	NIOSH7300M-PM10	Lead	ND(0.35)	A
P2000771	NIOSH7300M-PM10	Manganese	ND(0.35)	A
P2000771	NIOSH6009M-PM10	Mercury	ND(0.0070)	A
P2000771	NIOSH7300M-PM10	Molybdenum	ND(0.35)	A
P2000771	NIOSH7300M-PM10	Nickel	ND(0.35)	A
P2000771	NIOSH7300M-PM10	Zinc	ND(0.35)	A

Approved by: _____

Reviewed by: _____

Table 42.
Baseline Sampling Results
PS 2, PS 4, PS 5, PS 6, PS 7, PS 8
10/23/2003

PS 5 **Salinas Rural Fire District Office**

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000766	PM-10	PM-10	24.9	
P2000766	NIOSH7300M-PM10	Aluminum	0.86	A
P2000766	NIOSH7300M-PM10	Antimony	ND(0.36)	A
P2000766	NIOSH7300M-PM10	Barium	ND(0.36)	A
P2000766	NIOSH7300M-PM10	Beryllium	ND(0.21)	A
P2000766	NIOSH7300M-PM10	Cadmium	ND(0.21)	A
P2000766	NIOSH7300M-PM10	Chromium	ND(0.36)	A
P2000766	NIOSH7300M-PM10	Cobalt	ND(0.21)	A
P2000766	NIOSH7300M-PM10	Copper	ND(0.36)	A
P2000766	NIOSH7300M-PM10	Lead	ND(0.36)	A
P2000766	NIOSH7300M-PM10	Manganese	ND(0.36)	A
P2000766	NIOSH6009M-PM10	Mercury	ND(0.0071)	A
P2000766	NIOSH7300M-PM10	Molybdenum	ND(0.36)	A
P2000766	NIOSH7300M-PM10	Nickel	ND(0.36)	A
P2000766	NIOSH7300M-PM10	Zinc	ND(0.36)	A

PS 6 **Spreckles School**

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000768	PM-10	PM-10	48.4	
P2000768	NIOSH7300M-PM10	Aluminum	1.1	A
P2000768	NIOSH7300M-PM10	Antimony	ND(0.36)	A
P2000768	NIOSH7300M-PM10	Barium	ND(0.36)	A
P2000768	NIOSH7300M-PM10	Beryllium	ND(0.22)	A
P2000768	NIOSH7300M-PM10	Cadmium	ND(0.22)	A
P2000768	NIOSH7300M-PM10	Chromium	ND(0.36)	A
P2000768	NIOSH7300M-PM10	Cobalt	ND(0.22)	A
P2000768	NIOSH7300M-PM10	Copper	ND(0.36)	A
P2000768	NIOSH7300M-PM10	Lead	ND(0.36)	A
P2000768	NIOSH7300M-PM10	Manganese	ND(0.36)	A
P2000768	NIOSH6009M-PM10	Mercury	ND(0.0072)	A
P2000768	NIOSH7300M-PM10	Molybdenum	ND(0.36)	A
P2000768	NIOSH7300M-PM10	Nickel	ND(0.36)	A
P2000768	NIOSH7300M-PM10	Zinc	ND(0.36)	A

Approved by: _____

Reviewed by: _____

Table 42.
Baseline Sampling Results
PS 2, PS 4, PS 5, PS 6, PS 7, PS 8
10/23/2003

PS 7 Ingham School

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000763	PM-10	PM-10	24.9	
P2000763	NIOSH7300M-PM10	Aluminum	0.6	A
P2000763	NIOSH7300M-PM10	Antimony	ND(0.36)	A
P2000763	NIOSH7300M-PM10	Barium	ND(0.36)	A
P2000763	NIOSH7300M-PM10	Beryllium	ND(0.21)	A
P2000763	NIOSH7300M-PM10	Cadmium	ND(0.21)	A
P2000763	NIOSH7300M-PM10	Chromium	ND(0.36)	A
P2000763	NIOSH7300M-PM10	Cobalt	ND(0.21)	A
P2000763	NIOSH7300M-PM10	Copper	ND(0.36)	A
P2000763	NIOSH7300M-PM10	Lead	ND(0.36)	A
P2000763	NIOSH7300M-PM10	Manganese	ND(0.36)	A
P2000763	NIOSH6009M-PM10	Mercury	ND(0.0071)	A
P2000763	NIOSH7300M-PM10	Molybdenum	ND(0.36)	A
P2000763	NIOSH7300M-PM10	Nickel	ND(0.36)	A
P2000763	NIOSH7300M-PM10	Zinc	ND(0.36)	A

PS 8 Gonzales

Sample	Test Method	Analyte Name	Result[1,2] (ug/m^3)	Validation Qualifier[3]
P2000772	PM-10	PM-10	44.2	
P2000772	NIOSH7300M-PM10	Aluminum	0.6	A
P2000772	NIOSH7300M-PM10	Antimony	ND(0.37)	A
P2000772	NIOSH7300M-PM10	Barium	ND(0.37)	A
P2000772	NIOSH7300M-PM10	Beryllium	ND(0.22)	A
P2000772	NIOSH7300M-PM10	Cadmium	ND(0.22)	A
P2000772	NIOSH7300M-PM10	Chromium	ND(0.37)	A
P2000772	NIOSH7300M-PM10	Cobalt	ND(0.22)	A
P2000772	NIOSH7300M-PM10	Copper	ND(0.37)	A
P2000772	NIOSH7300M-PM10	Lead	ND(0.37)	A
P2000772	NIOSH7300M-PM10	Manganese	ND(0.37)	A
P2000772	NIOSH6009M-PM10	Mercury	ND(0.0074)	A
P2000772	NIOSH7300M-PM10	Molybdenum	ND(0.37)	A
P2000772	NIOSH7300M-PM10	Nickel	ND(0.37)	A
P2000772	NIOSH7300M-PM10	Zinc	ND(0.37)	A

Approved by: _____

Reviewed by: _____

Table 42a. Meteorological Data from Fort Ord RAWS*
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

Meteorological Data Recorded for October 24, 2003

Time	RAWS FO1 (Range 46)				RAWS FO2 (Range 43)			
	Temperature (°F)	Relative Humidity (%)	Wind Speed (MPH)	Wind Direction (°)	Temperature (°F)	Relative Humidity (%)	Wind Speed (MPH)	Wind Direction (°)
6:00 a.m.	59	41	4	114	62	33	9	101
7:00 a.m.	57	39	2	81	65	29	6	72
8:00 a.m.	51	63	4	101	53	52	8	93
9:00 a.m.	68	30	8	78	69	29	6	75
10:00 a.m.	72	26	15	73	73	26	9	77
11:00 a.m.	76	23	13	68	76	23	9	70
12:00 p.m.	80	18	10	69	80	18	9	71
1:00 p.m.	86	20	10	40	86	18	9	58
2:00 p.m.	86	18	7	45	86	17	7	47
3:00 p.m.	75	30	7	284	78	26	6	285
4:00 p.m.	77	24	6	288	79	22	6	297
5:00 p.m.	70	38	5	266	75	32	4	270
6:00 p.m.	72	34	2	256	72	30	3	179
7:00 p.m.	61	60	1	239	64	50	2	208
8:00 p.m.	63	37	3	123	70	22	3	99
9:00 p.m.	66	29	5	88	71	25	6	71
10:00 p.m.	68	28	5	107	71	27	4	77
11:00 p.m.	67	30	3	107	71	25	4	79

* From Parson's, 2004. *Final MRS - Ranges 43-48; Prescribed Burn After - Action Report,* Appendix A

Approved by: _____

Reviewed by: _____

Table 42a. Meteorological Data from Fort Ord RAWS* (Continued)

Meteorological Data Recorded for October 25, 2003

Time	RAWS FO1 (Range 46)				RAWS FO2 (Range 43)			
	Temperature (°F)	Relative Humidity (%)	Wind Speed (MPH)	Wind Direction (°)	Temperature (°F)	Relative Humidity (%)	Wind Speed (MPH)	Wind Direction (°)
12:00 a.m.	63	33	4	128	70	26	5	122
1:00 a.m.	59	36	6	11	68	29	8	110
2:00 a.m.	61	36	5	121	63	31	5	105
3:00 a.m.	60	40	6	112	64	33	9	84
4:00 a.m.	58	45	6	113	59	34	6	100
5:00 a.m.	53	53	11	84	56	51	7	76
6:00 a.m.	56	49	9	106	60	45	14	105
7:00 a.m.	58	45	9	121	62	40	7	92
8:00 a.m.	57	51	7	116	57	45	8	89
9:00 a.m.	64	41	7	108	65	42	9	97
10:00 a.m.	72	38	9	85	71	37	7	80
11:00 a.m.	79	31	12	69	79	31	9	69
12:00 p.m.	86	25	7	97	86	25	7	96
1:00 p.m.	91	24	5	20	87	26	6	21
2:00 p.m.	83	26	5	257	83	25	6	262
3:00 p.m.	86	23	4	280	88	21	5	303
4:00 p.m.	86	25	6	289	88	22	7	287
5:00 p.m.	72	44	6	296	72	41	4	307
6:00 p.m.	66	45	2	312	68	43	4	300
7:00 p.m.	65	47	3	142	64	47	3	161
8:00 p.m.	64	40	3	142	71	32	3	152
9:00 p.m.	63	36	3	139	71	28	4	132
10:00 p.m.	63	34	2	123	71	25	4	135
11:00 p.m.	62	34	1	147	71	27	2	129

Approved by: _____

Reviewed by: _____

Meteorological Data Recorded for October 26, 2003

Time	RAWS FO1 (Range 46)				RAWS FO2 (Range 43)			
	Temperature (°F)	Relative Humidity (%)	Wind Speed (MPH)	Wind Direction (°)	Temperature (°F)	Relative Humidity (%)	Wind Speed (MPH)	Wind Direction (°)
12:00 a.m.	63	34	5	118	68	29	6	101
1:00 a.m.	65	32	5	113	65	29	9	103
2:00 a.m.	61	37	6	111	65	33	5	102
3:00 a.m.	59	44	7	120	61	44	7	132
4:00 a.m.	58	38	4	132	63	36	8	128
5:00 a.m.	61	38	6	120	62	41	5	124
6:00 a.m.	55	51	5	120	60	46	8	127
7:00 a.m.	59	39	5	151	66	35	4	134
8:00 a.m.	68	32	5	133	71	34	4	144
9:00 a.m.	81	25	5	59	79	27	4	52
10:00 a.m.	81	27	6	55	80	27	6	50
11:00 a.m.	83	26	7	60	84	26	7	46
12:00 p.m.	88	21	2	150	87	21	4	356
1:00 p.m.	90	21	5	292	90	19	6	312
2:00 p.m.	87	20	7	292	91	18	8	286
3:00 p.m.	82	23	5	267	87	20	5	270
4:00 p.m.	83	24	5	302	87	24	4	322
5:00 p.m.	70	38	7	306	68	39	7	324
6:00 p.m.	66	35	4	224	65	35	4	216
7:00 p.m.	65	39	3	143	64	37	5	160
8:00 p.m.	64	40	2	144	70	30	4	157
9:00 p.m.	65	34	2	144	68	30	8	154
10:00 p.m.	66	29	4	135	74	25	5	136
11:00 p.m.	67	28	3	119	73	23	3	114

Approved by: _____

Reviewed by: _____

NOTES FOR TABLES 5 – 42

1. ug/m3 = micrograms per cubic meter.
2. ND = not detected at or above the limit of detection shown in parentheses ( ).
3. Validation Qualifiers: "A" = Sample has undergone routine data validation.
   "U" = Sample qualified as Non Detect during data validation.

Absence of data validation qualifier indicates that this data was not validated by MACTEC.

4. Total Dioxin & Furan Toxicity Equivalent.
5. Sample collection commenced on the evening of 10/24/03.
6. Sample collection commenced on the evening of 10/25/03.
7. Sample collection commenced on the evening of 11/12/03.
8. 24 hour samples.
9. NR = not reported.
10. Lab Qualifier: "U" = Qualified as not detect because detected in field or laboratory blank.
11. TEQ is a calculated value; therefore a reporting limit is not specified.

Approved by: _____

Reviewed by: _____

Table 43. Hourly Peak-to-Mean Ratio Calculations for Site BA 1
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

Date: 10/24/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
7:00	14.0	0.00
8:00	11.9	0.00
9:00	12.3	0.00
10:00	202.0	0.07
11:00	1,717.1	0.57
12:00	20,105.0	6.66
1:00	7,093.7	2.35
2:00	832.4	0.28
3:00	98.5	0.03
4:00	102.5	0.03
Mean	3,018.9	

Date: 10/25/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
8:00	336.4	2.81
9:00	138.3	1.15
10:00	110.2	0.92
11:00	162.3	1.35
12:00	105.9	0.88
1:00	72.6	0.61
2:00	101.2	0.84
3:00	26.9	0.22
4:00	24.5	0.20
Mean	119.8	

Date: 11/12/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
8:00	6.4	3.80
9:00	4.3	2.54
10:00	1.8	1.04
11:00	0.1	0.05
12:00	0.3	0.20
1:00	0.0	0.00
2:00	0.1	0.05
3:00	0.5	0.30
4:00	1.7	1.02
Mean	1.7	

Approved by: _____

Reviewed by: _____

Table 44. Hourly Peak-to-Mean Ratio Calculations for Site BA 2
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

Date: 10/24/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
7:00	10.0	0.17
8:00	9.3	0.16
9:00	5.5	0.09
10:00	4.2	0.07
11:00	3.9	0.07
12:00	4.0	0.07
1:00	6.5	0.11
2:00	10.9	0.18
3:00	480.0	8.09
Mean	59.4	

Date: 10/25/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
7:00	30.3	0.07
8:00	35.0	0.08
9:00	35.4	0.08
10:00	38.4	0.09
11:00	34.9	0.08
12:00	35.7	0.09
1:00	967.0	2.30
2:00	1,756.7	4.19
3:00	682.3	1.63
4:00	580.2	1.38
Mean	419.6	

Date: 11/12/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
7:00	7.4	3.45
8:00	5.0	2.33
9:00	2.8	1.32
10:00	0.6	0.27
11:00	0.1	0.04
12:00	0.3	0.16
1:00	0.4	0.19
2:00	0.2	0.08
3:00	2.5	1.16
Mean	2.1	

Approved by: _____

Reviewed by: _____

Table 45. Hourly Peak-to-Mean Ratio Calculations for Site OB 1
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

Date: 10/24/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean	Hourly CO_2 ppm	Ratio to Mean
9:00	10.3	0.81	390	1.01
10:00	7.2	0.56	378	0.98
11:00	7.8	0.62	380	0.98
12:00	7.9	0.62	395	1.02
1:00	23.1	1.82	397	1.02
2:00	16.1	1.27	388	1.00
3:00	11.8	0.93	387	1.00
4:00	17.3	1.36	387	1.00
Mean	12.7		388	

Date: 10/25/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean	Hourly CO_2 ppm	Ratio to Mean
8:00	27.3	0.96	397	1.03
9:00	29.7	1.04	400	1.04
10:00	34.7	1.21	376	0.98
11:00	29.6	1.04	385	1.00
12:00	25.2	0.88	376	0.97
1:00	30.0	1.05	377	0.98
2:00	28.7	1.00	387	1.00
3:00	24.2	0.85	387	1.00
4:00	27.6	0.97	384	1.00
Mean	28.5		385	

Date: 11/12/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean	Hourly CO_2 ppm	Ratio to Mean
7:00	6.4	2.45	----	----
8:00	4.9	1.88	387	1.05
9:00	2.5	0.95	358	0.97
10:00	2.2	0.83	351	0.95
11:00	0.3	0.10	313	0.85
12:00	0.9	0.35	359	0.98
1:00	2.2	0.83	386	1.05
2:00	0.9	0.35	376	1.02
3:00	3.3	1.27	376	1.02
4:00	----	----	402	1.09
Mean	2.6		368	

Approved by: _____

Reviewed by: _____

Table 46. Hourly Peak-to-Mean Ratio Calculations for Site OB 2
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

Date: 10/24/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean	Hourly CO_2 ppm	Ratio to Mean
9:00	20.0	0.06	298	0.89
10:00	22.7	0.07	288	0.86
11:00	21.0	0.06	284	0.85
12:00	13.9	0.04	284	0.85
1:00	17.8	0.05	289	0.86
2:00	36.3	0.11	301	0.90
3:00	675.8	1.98	339	1.01
4:00	341.4	1.00	335	1.00
Mean	143.6		302	

Date: 10/25/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean	Hourly CO_2 ppm	Ratio to Mean
8:00	6.9	0.13	325	1.03
9:00	6.3	0.12	325	1.03
10:00	16.3	0.32	306	0.97
11:00	20.7	0.40	298	0.94
12:00	16.4	0.32	301	0.95
1:00	12.3	0.24	316	1.00
2:00	283.3	5.50	329	1.04
3:00	66.0	1.28	318	1.01
4:00	35.8	0.69	324	1.03
Mean	51.6		316	

Date: 11/12/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean	Hourly CO_2 ppm	Ratio to Mean
8:00	0.2	0.08	346	1.08
9:00	0.3	0.12	336	1.05
10:00	2.4	1.20	315	0.98
11:00	4.3	2.11	298	0.93
12:00	3.2	1.58	314	0.98
1:00	2.4	1.20	315	0.98
2:00	2.0	0.99	315	0.98
3:00	1.4	0.70	320	1.00
4:00	----	----	323	1.01
Mean	2.0		320	

Approved by: _____

Reviewed by: _____

Table 47. Hourly Peak-to-Mean Ratio Calculations for Site OB 3
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

Date: 10/24/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean	Hourly CO_2 ppm	Ratio to Mean
9:00	124.3	3.32	351	0.95
10:00	101.3	2.71	358	0.96
11:00	32.1	0.86	350	0.94
12:00	8.8	0.24	349	0.94
1:00	10.5	0.28	364	0.98
2:00	10.9	0.29	386	1.04
3:00	4.7	0.12	387	1.04
4:00	6.7	0.18	390	1.05
5:00	----	----	405	1.09
Mean	37.4		371	

Date: 10/25/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean	Hourly CO_2 ppm	Ratio to Mean
9:00	132.1	4.08	359	0.99
10:00	7.8	0.24	365	1.01
11:00	49.1	1.52	353	0.98
12:00	62.3	1.92	352	0.97
1:00	13.8	0.43	355	0.98
2:00	8.9	0.28	363	1.00
3:00	11.3	0.35	356	0.98
4:00	4.2	0.13	361	1.00
5:00	1.8	0.05	390	1.08
Mean	32.3		361	

Date: 11/12/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean	Hourly CO_2 ppm	Ratio to Mean
9:00	12.6	0.78	371	1.01
10:00	13.5	0.84	350	0.95
11:00	14.9	0.92	337	0.92
12:00	14.3	0.88	360	0.98
1:00	14.8	0.91	371	1.01
2:00	14.4	0.89	371	1.01
3:00	16.9	1.05	385	1.05
4:00	28.0	1.73	391	1.06
Mean	16.2		367	

Approved by: _____

Reviewed by: _____

Table 48. Hourly Peak-to-Mean Ratio Calculations for Site PS 1
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

Date: 10/24/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
9:00	5.3	0.69
10:00	1.5	0.20
11:00	1.9	0.25
12:00	3.0	0.39
1:00	3.9	0.52
2:00	17.0	2.24
3:00	10.3	1.36
4:00	17.9	2.36
Mean	7.6	

Date: 10/25/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
9:00	24.3	1.21
10:00	31.6	1.58
11:00	16.6	0.83
12:00	13.2	0.66
1:00	12.4	0.62
2:00	15.0	0.75
3:00	14.7	0.73
4:00	32.5	1.62
Mean	20.0	

Date: 11/12/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
9:00	17.7	1.28
10:00	13.4	0.98
11:00	9.4	0.68
12:00	8.8	0.64
1:00	9.1	0.66
2:00	8.3	0.60
3:00	8.2	0.59
4:00	18.1	1.32
5:00	30.8	2.24
Mean	13.8	

Approved by: _____

Reviewed by: _____

Table 49. Hourly Peak-to-Mean Ratio Calculations for Site PS 3
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

Date: 10/24/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
9:00	255.3	2.97
10:00	273.5	3.19
11:00	51.6	0.60
12:00	29.7	0.35
1:00	28.6	0.33
2:00	19.0	0.22
3:00	11.3	0.13
4:00	18.0	0.21
Mean	85.9	

Date: 10/25/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
8:00	732.1	4.79
9:00	264.0	1.73
10:00	107.3	0.70
11:00	117.4	0.77
12:00	80.2	0.52
1:00	18.2	0.12
2:00	15.7	0.10
3:00	15.1	0.10
4:00	25.3	0.17
Mean	152.8	

Date: 11/12/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean
8:00	8.0	1.10
9:00	6.7	0.92
10:00	24.9	3.43
11:00	3.0	0.41
12:00	3.8	0.52
1:00	1.2	0.16
2:00	1.7	0.23
3:00	4.9	0.68
4:00	11.3	1.56
Mean	7.3	

Approved by: _____

Reviewed by: _____

Table 50. Hourly Peak-to-Mean Ratio Calculations for Site MS 1
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

Date: 10/24/2003

Hour PST	Hourly PM $\mu g/m^3$	Ratio to Mean	Hourly CO_2 ppm	Ratio to Mean
11:00	59.2	2.01	371	0.97
12:00	79.8	2.71	372	0.97
1:00	4.7	0.16	385	1.00
2:00	2.9	0.10	403	1.05
3:00	0.9	0.03	386	1.01
Mean	29.5		383	

Approved by: _____

Reviewed by: _____

Table 51
Comparison of Active Ignition Phase Sampling Results to Air Screening Levels
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

ANALYTE	BA-1 Range 46 Min. Max.	BA-2 Range 43 Min. Max.	OB-1 Fitch Park Min. Max.	OB-2 BLM Min. Max.	OB-3 MWD Well Min. Max.	PS-1 Staging Area Min. Max.	PS-2 Fitch M. S. Min. Max.	PS-3 Manzanita E. S. Min. Max.	PS-4 MBUAPCD Office Min. Max.	PS-5 Salinas RFD Min. Max.	PS-6 Spreckles School Min. Max.	PS-7 Ingham School Min. Max.	PS-8 Gonzales Min. Max.	PS-9 Aquarium Min. Max.	MS-1 Mobile Station Min. Max.	Air Screening Level (µg/m³)
VEGETATION-RELATED COMBUSTION COMPOUNDS (µg/m3)																
Acetaldehyde	230	5.6	2.7	30	4.4	2.3	2.3	7.4	3.0	4.9	2.6	7.3	*not sampled*	1.4	7.6	9 (long term) [3]
Formaldehyde	0 - 586	0.4 - 44.5	2.0 - 6.6	1 - 40	0.6 - 16.3	0.6 - 6.6	0.4 - 10.5	1.0 - 24.2	0.6 - 13.7	0.7 - 17.2	0.4 - 9.3	0.9 - 22.5	*not sampled*	0.4 - 4.7	0.2 - 20.6	94 (1-hour) [2]
Acrolein	0 - 373	ND 0.1 - 17.0	2.8 - 9.1	0 - 22	0.3 - 9.6	ND 0.5 - 5.4	0.3 - 8.0	0.5 - 13.1	ND 0.3 - 8.0	0.5 - 11.8	ND 0.3 - 8.0	1.4 - 35.1	*not sampled*	ND 0.5 - 5.4	0.2 - 17.9	0.19 (1-hour) [2]
PM-10	2,256	57	20	*sample invalid*	290	42	101	248	68	82	76	93	64	70	ND 33	50 (24-hour) [1]
TSP	2,663	86	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	n/a ---
OE-RELATED COMBUSTION SPECIES (µg/m3)																
HMX	ND 0.330	ND 0.063	ND 0.070	ND 0.073	ND 0.067	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	ND 0.013	180 (long term) [4]
Nitrobenzene	ND 0.001 - 2.198	ND 0.002 - 0.259	ND 0.020 - 0.064	ND 0.001 - 0.073	ND 0.004 - 0.113	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	ND 0.002 - 0.173	2.10 (1-hour) [4]
PETN	ND 0.000 - 0.220	ND 0.002 - 0.259	ND 0.020 - 0.064	ND 0.001 - 0.073	ND 0.004 - 0.113	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	ND 0.002 - 0.173	3.57 (1-hour) [5,6]
RDX	ND 0.000 - 0.220	ND 0.002 - 0.259	ND 0.020 - 0.064	ND 0.001 - 0.073	ND 0.004 - 0.113	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	ND 0.002 - 0.173	3.57 (1-hour) [5]
1,3 Dinitrobenzene	ND 0.000 - 0.220	ND 0.002 - 0.259	ND 0.020 - 0.064	ND 0.001 - 0.073	ND 0.004 - 0.113	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	ND 0.002 - 0.173	0.37 (1-hour) [4]
1,3,5 Trinitrobenzene	ND 0.033	ND 0.032	ND 0.035	ND 0.037	ND 0.034	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	ND 0.064	110 (long term) [4]
2,4 Dinitrotoluene	ND 0.001 - 2.198	ND 0.002 - 0.259	ND 0.020 - 0.064	ND 0.001 - 0.073	ND 0.004 - 0.113	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	ND 0.002 - 0.173	7.30 (1-hour) [4]
2,4,6 Trinitrotoluene	ND 0.000 - 0.220	ND 0.002 - 0.259	ND 0.020 - 0.064	ND 0.001 - 0.073	ND 0.004 - 0.113	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	ND 0.002 - 0.173	3.57 (1-hour) [5]
2,6 Dinitrotoluene	ND 0.001 - 2.198	ND 0.002 - 0.259	ND 0.020 - 0.064	ND 0.001 - 0.073	ND 0.004 - 0.113	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	ND 0.002 - 0.173	3.70 (1-hour) [4]
Aluminum	0.0 - 56.6	ND 0.1 - 12.1	ND 0.57 - 1.84	*sample invalid*	ND 0.12 - 3.22	ND 0.20 - 2.34	1.3 - 30.9	0.16 - 3.89	0.2 - 5.7	0.3 - 7.7	0.3 - 8.0	0.2 - 5.4	0.3 - 3.5	ND 0.21 - 2.50	ND 0.0 - 4.3	11.9 (1-hour) [5]
Antimony	0.00 - 4.93	ND 0.002 - 0.227	ND 0.57 - 1.84	*sample invalid*	ND 0.12 - 3.22	ND 0.20 - 2.34	ND 0.11 - 2.65	ND 0.1 - 3.5	ND 0.11 - 2.58	ND 0.11 - 2.74	ND 0.1 - 3.2	ND 0.12 - 2.84	ND 0.07 - 0.83	ND 0.21 - 2.50	ND 0.0 - 4.3	1.19 (1-hour) [5]
Barium	0.0 - 8.0	ND 0.0077 - 0.8899	ND 0.57 - 1.84	*sample invalid*	ND 0.12 - 3.22	ND 0.20 - 2.34	ND 0.11 - 2.65	ND 0.1 - 3.5	ND 0.11 - 2.58	ND 0.11 - 2.74	ND 0.1 - 3.2	ND 0.12 - 2.84	ND 0.07 - 0.83	ND 0.21 - 2.50	ND 0.0 - 4.3	1.19 (1-hour) [5]
Beryllium	ND 0.00 - 0.21	ND 0.002 - 0.227	ND 0.3 - 1.1	*sample invalid*	ND 0.07 - 1.93	ND 0.12 - 1.39	ND 0.1 - 1.6	ND 0.09 - 2.11	ND 0.06 - 1.53	ND 0.07 - 1.66	ND 0.1 - 1.9	ND 0.07 - 1.72	ND 0.04 - 0.50	ND 0.13 - 1.51	ND 0.03 - 2.66	0.0047 (1-hour) [5]
Cadmium	ND 0.00 - 0.21	ND 0.002 - 0.227	ND 0.3 - 1.1	*sample invalid*	ND 0.07 - 1.93	ND 0.12 - 1.39	ND 0.1 - 1.6	ND 0.09 - 2.11	ND 0.06 - 1.53	ND 0.07 - 1.66	ND 0.1 - 1.9	ND 0.07 - 1.72	ND 0.04 - 0.50	ND 0.13 - 1.51	ND 0.03 - 2.66	0.0119 (1-hour) [5]
Chromium	ND 0.00 - 0.21	ND 0.002 - 0.227	ND 0.57 - 1.84	*sample invalid*	ND 0.12 - 3.22	ND 0.20 - 2.34	ND 0.11 - 2.65	ND 0.1 - 3.5	ND 0.11 - 2.58	ND 0.11 - 2.74	ND 0.1 - 3.2	ND 0.12 - 2.84	ND 0.07 - 0.83	ND 0.21 - 2.50	ND 0.0 - 4.3	1.19 (1-hour) [5]
Cobalt	ND 0.00 - 0.21	ND 0.002 - 0.227	ND 0.3 - 1.1	*sample invalid*	ND 0.07 - 1.93	ND 0.12 - 1.39	ND 0.1 - 1.6	ND 0.09 - 2.11	ND 0.06 - 1.53	ND 0.07 - 1.66	ND 0.1 - 1.9	ND 0.07 - 1.72	ND 0.04 - 0.50	ND 0.13 - 1.51	ND 0.03 - 2.66	0.238 (1-hour) [5]
Copper	0.00 - 1.60	0.003 - 0.299	ND 0.57 - 1.84	*sample invalid*	ND 0.12 - 3.22	ND 0.20 - 2.34	ND 0.11 - 2.65	ND 0.1 - 3.5	ND 0.11 - 2.58	ND 0.11 - 2.74	ND 0.1 - 3.2	ND 0.12 - 2.84	ND 0.07 - 0.83	ND 0.21 - 2.50	ND 0.0 - 4.3	100 (1-hour) [2]
Lead	2.6	ND 0.028	ND 1.01	*sample invalid*	ND 0.97	ND 0.99	ND 0.83	ND 1.1	ND 0.81	ND 0.86	ND 1.0	ND 0.89	ND 0.35	ND 1.06	ND 1.6	1.5 (30-day) [1]
Manganese	0.0 - 30.6	0.004 - 0.453	ND 0.57 - 1.84	*sample invalid*	ND 0.12 - 3.22	ND 0.20 - 2.34	ND 0.11 - 2.65	ND 0.1 - 3.5	ND 0.11 - 2.58	ND 0.11 - 2.74	ND 0.1 - 3.2	ND 0.12 - 2.84	ND 0.07 - 0.83	ND 0.21 - 2.50	ND 0.0 - 4.3	0.47 (1-hour) [5]
Mercury	0.0000 - 0.0053	ND 0.0000 - 0.0049	ND 0.01 - 0.04	*sample invalid*	ND 0.002 - 0.063	ND 0.00 - 0.05	ND 0.002 - 0.054	ND 0.003 - 0.070	ND 0.002 - 0.051	ND 0.002 - 0.054	ND 0.003 - 0.064	ND 0.001 - 0.035	ND 0.0014 - 0.0163	ND 0.004 - 0.050	ND 0.001 - 0.089	1.8 (1-hour) [2]
Molybdenum	ND 0.00 - 0.21	ND 0.002 - 0.227	ND 0.57 - 1.84	*sample invalid*	ND 0.12 - 3.22	ND 0.20 - 2.34	ND 0.11 - 2.65	ND 0.1 - 3.5	ND 0.11 - 2.58	ND 0.11 - 2.74	ND 0.1 - 3.2	ND 0.12 - 2.84	ND 0.07 - 0.83	ND 0.21 - 2.50	ND 0.0 - 4.3	11.9 (1-hour) [5]
Nickel	ND 0.00 - 0.21	ND 0.002 - 0.227	ND 0.57 - 1.84	*sample invalid*	ND 0.12 - 3.22	ND 0.20 - 2.34	ND 0.11 - 2.65	ND 0.1 - 3.5	ND 0.11 - 2.58	ND 0.11 - 2.74	ND 0.1 - 3.2	ND 0.12 - 2.84	ND 0.07 - 0.83	ND 0.21 - 2.50	ND 0.0 - 4.3	6 (1-hour) [2]
Zinc	0.0 - 14.0	0.005 - 0.558	ND 0.57 - 1.84	*sample invalid*	ND 0.12 - 3.22	ND 0.20 - 2.34	ND 0.11 - 2.65	ND 0.1 - 3.5	ND 0.11 - 2.58	ND 0.11 - 2.74	ND 0.1 - 3.2	ND 0.12 - 2.84	ND 0.07 - 0.83	ND 0.21 - 2.50	ND 0.0 - 4.3	11.9 (1-hour) [5]
Dioxins/Furans TEQ	5.70E-06	ND	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	ND	4.0E-05 (long term) [3]

ND = Not Detected; value(s) shown are calculated using the limit of detection

[1] California Ambient Air Quality Standard
[2] Office of Environmental Health Hazard Assessment Acute Reference Exposure Levels (http://www.oehha.ca.gov/air/acute_rels/allAcRELs.html)
[3] Office of Environmental Health Hazard Assessment Chronic Reference Exposure Levels (http://www.oehha.ca.gov/air/chronic_rels/allChRELs.html)
[4] U.S. Environmental Protection Agency, Region 9, Preliminary Remediation Goals
[5] Monterey Bay Unified Air Pollution Control District Rule 1000 (screening values shown are 1/420th of the OSHA Permissible Exposure Limit)
[6] A chemical-specific screening level does not exist for PETN, so the acute screening level for TNT was used

yellow fill – Value exceeds Air Screening Level (see right column).

Approved by: _____
Reviewed by: _____

Table 52
Comparison of Smolder Phase Sampling Results to Air Screening Levels
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

ANALYTE	BA-1 Range 46	BA-2 Range 43	OB-1 Fitch Park	OB-2 BLM	OB-3 MWD Well	PS-1 Staging Area	PS-2 Fitch M. S.	PS-3 Manzanita E. S.	PS-4 MBUAPCD Office	PS-5 Salinas RFD	PS-6 Spreckles School	PS-7 Ingham School	PS-8 Gonzales	PS-9 Aquarium	MS-1 Mobile Station	Air Screening Level ($\mu g/m^3$)
	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	Min. Max.	
VEGETATION-RELATED COMBUSTION COMPOUNDS (µg/m3)																
Acetaldehyde	10	36	3.7	8.2	4.7	2.4	4.0	8.5	5.7	3.7	3.4	7.9	*not sampled*	2.6	*not sampled*	9 (long term) [3]
Formaldehyde	1.7 - 24.2	2 - 109	3.2 - 4.6	0.8 - 36.9	0.3 - 20.4	1.7 - 4.5	0.2 - 18.8	0.8 - 36.4	0.7 - 34.1	3.1 - 4.5	0.2 - 15.3	6.4 - 9.2	*not sampled*	0.5 - 22.0	*not sampled*	94 (1-hour) [2]
Acrolein	1.6 - 22.8	0.4 - 25.1	ND 2.0 - 2.8	0.5 - 21.5	0.2 - 17.5	ND 1.4 - 3.6	1 - 45	0.3 - 14.4	ND 0.3 - 12.7	3.0 - 4.2	0.1 - 10.2	ND 2.1 - 3.0	*not sampled*	9 - 424	*not sampled*	0.19 (1-hour) [2]
PM-10	124	234	72	65	251	43	73	108	*sample invalid*	59	70	49	67	77	*not sampled*	50 (24-hour) [1]
TSP	250	407	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	n/a ---
OE-RELATED COMBUSTION SPECIES (µg/m3)																
HMX	ND 0.700	ND 0.069	ND 0.075	ND 0.077	ND 0.070	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	180 (long term) [4]
Nitrobenzene	ND 0.007 - 0.098	ND 0.002 - 0.142	ND 0.031 - 0.045	ND 0.005 - 0.215	ND 0.002 - 0.143	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	2.10 (1-hour) [4]
PETN	ND 0.007 - 0.098	ND 0.002 - 0.142	ND 0.031 - 0.045	ND 0.005 - 0.215	ND 0.002 - 0.143	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	3.57 (1-hour) [5,6]
RDX	ND 0.007 - 0.098	ND 0.002 - 0.142	ND 0.031 - 0.045	ND 0.005 - 0.215	ND 0.002 - 0.143	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	3.57 (1-hour) [5]
1,3 Dinitrobenzene	ND 0.007 - 0.098	ND 0.002 - 0.142	ND 0.031 - 0.045	ND 0.005 - 0.215	ND 0.002 - 0.143	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	0.37 (1-hour) [4]
1,3,5 Trinitrobenzene	ND 0.035	ND 0.034	ND 0.037	ND 0.039	ND 0.035	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	110 (long term) [4]
2,4 Dinitrotoluene	ND 0.007 - 0.098	ND 0.002 - 0.142	ND 0.031 - 0.045	ND 0.005 - 0.215	ND 0.002 - 0.143	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	7.30 (1-hour) [4]
2,4,6 Trinitrotoluene	ND 0.007 - 0.098	ND 0.002 - 0.142	ND 0.031 - 0.045	ND 0.005 - 0.215	ND 0.002 - 0.143	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	3.57 (1-hour) [5]
2,6 Dinitrotoluene	ND 0.007 - 0.098	ND 0.002 - 0.142	ND 0.031 - 0.045	ND 0.005 - 0.215	ND 0.002 - 0.143	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	3.70 (1-hour) [4]
Aluminum	0.8 - 10.7	0.3 - 18.4	1.07 - 1.52	0.17 - 7.76	0.06 - 5.02	0.73 - 1.90	0.1 - 4.9	0.13 - 6.32	*sample invalid*	1.1 - 1.6	0.1 - 6.1	0.84 - 1.20	1.3 - 1.8	0.13 - 5.89	*not sampled*	11.9 (1-hour) [5]
Antimony	ND 0.006 - 0.081	ND 0.002 - 0.130	ND 0.79 - 1.13	ND 0.11 - 5.01	ND 0.05 - 3.79	ND 0.58 - 1.52	ND 0.02 - 1.43	ND 0.09 - 4.36	*sample invalid*	ND 0.30 - 0.42	ND 0.02 - 1.43	ND 0.30 - 0.42	ND 0.30 - 0.42	ND 0.11 - 5.23	*not sampled*	1.19 (1-hour) [5]
Barium	0.05 - 0.67	ND 0.008 - 0.503	ND 0.79 - 1.13	ND 0.11 - 5.01	ND 0.05 - 3.79	ND 0.58 - 1.52	ND 0.02 - 1.43	ND 0.09 - 4.36	*sample invalid*	ND 0.30 - 0.42	ND 0.02 - 1.43	ND 0.30 - 0.42	ND 0.30 - 0.42	ND 0.11 - 5.23	*not sampled*	1.19 (1-hour) [5]
Beryllium	ND 0.006 - 0.081	ND 0.002 - 0.130	ND 0.48 - 0.68	ND 0.06 - 2.97	ND 0.03 - 2.28	ND 0.35 - 0.92	ND 0.01 - 0.86	ND 0.06 - 2.63	*sample invalid*	ND 0.18 - 0.25	ND 0.01 - 0.86	ND 0.18 - 0.25	ND 0.18 - 0.25	ND 0.07 - 3.14	*not sampled*	0.0047 (1-hour) [5]
Cadmium	ND 0.006 - 0.081	ND 0.002 - 0.130	ND 0.48 - 0.68	ND 0.06 - 2.97	ND 0.03 - 2.28	ND 0.58 - 1.52	ND 0.01 - 0.86	ND 0.06 - 2.63	*sample invalid*	ND 0.18 - 0.25	ND 0.01 - 0.86	ND 0.18 - 0.25	ND 0.18 - 0.25	ND 0.07 - 3.14	*not sampled*	0.0119 (1-hour) [5]
Chromium	ND 0.006 - 0.081	ND 0.002 - 0.130	ND 0.79 - 1.13	ND 0.11 - 5.01	ND 0.05 - 3.79	ND 0.35 - 0.92	ND 0.02 - 1.43	ND 0.09 - 4.36	*sample invalid*	ND 0.30 - 0.42	ND 0.02 - 1.43	ND 0.30 - 0.42	ND 0.30 - 0.42	ND 0.11 - 5.23	*not sampled*	1.19 (1-hour) [5]
Cobalt	ND 0.006 - 0.081	ND 0.002 - 0.130	ND 0.48 - 0.68	ND 0.06 - 2.97	ND 0.03 - 2.28	ND 0.58 - 1.52	ND 0.01 - 0.86	ND 0.06 - 2.63	*sample invalid*	ND 0.18 - 0.25	ND 0.01 - 0.86	ND 0.18 - 0.25	ND 0.18 - 0.25	ND 0.07 - 3.14	*not sampled*	0.238 (1-hour) [5]
Copper	0.011 - 0.160	0.005 - 0.297	ND 0.79 - 1.13	ND 0.11 - 5.01	ND 0.05 - 3.79	ND 0.58 - 1.52	ND 0.02 - 1.43	ND 0.09 - 4.36	*sample invalid*	ND 0.30 - 0.42	ND 0.02 - 1.43	ND 0.30 - 0.42	ND 0.30 - 0.42	ND 0.11 - 5.23	*not sampled*	100 (1-hour) [2]
Lead	ND 0.029	ND 0.031	ND 0.93	ND 0.91	ND 0.93	ND 0.94	ND 0.35	ND 0.91	*sample invalid*	ND 0.35	ND 0.35	ND 0.35	ND 0.35	ND 0.95	*not sampled*	1.5 (30-day) [1]
Manganese	0.10 - 1.38	0.01 - 0.88	ND 0.79 - 1.13	ND 0.11 - 5.01	ND 0.05 - 3.79	ND 0.58 - 1.52	ND 0.02 - 1.43	ND 0.09 - 4.36	*sample invalid*	ND 0.30 - 0.42	ND 0.02 - 1.43	ND 0.30 - 0.42	ND 0.30 - 0.42	ND 0.11 - 5.23	*not sampled*	0.47 (1-hour) [5]
Mercury	ND 0.0001 - 0.0017	ND 0.0000 - 0.0025	ND 0.015 - 0.022	ND 0.002 - 0.099	ND 0.001 - 0.078	ND 0.012 - 0.031	ND 0.0003 - 0.0282	ND 0.002 - 0.086	*sample invalid*	ND 0.0060 - 0.0085	ND 0.0003 - 0.0282	ND 0.0059 - 0.0083	ND 0.0059 - 0.0083	ND 0.002 - 0.105	*not sampled*	1.8 (1-hour) [2]
Molybdenum	ND 0.006 - 0.081	ND 0.002 - 0.130	ND 0.79 - 1.13	ND 0.11 - 5.01	ND 0.05 - 3.79	ND 0.58 - 1.52	ND 0.02 - 1.43	ND 0.09 - 4.36	*sample invalid*	ND 0.30 - 0.42	ND 0.02 - 1.43	ND 0.30 - 0.42	ND 0.30 - 0.42	ND 0.11 - 5.23	*not sampled*	11.9 (1-hour) [5]
Nickel	ND 0.006 - 0.081	ND 0.002 - 0.130	ND 0.79 - 1.13	ND 0.11 - 5.01	ND 0.05 - 3.79	ND 0.58 - 1.52	ND 0.02 - 1.43	ND 0.09 - 4.36	*sample invalid*	ND 0.30 - 0.42	ND 0.02 - 1.43	ND 0.30 - 0.42	ND 0.30 - 0.42	ND 0.11 - 5.23	*not sampled*	6 (1-hour) [2]
Zinc	0.02 - 0.31	0.007 - 0.394	ND 0.79 - 1.13	ND 0.11 - 5.01	ND 0.05 - 3.79	ND 0.58 - 1.52	ND 0.02 - 1.43	ND 0.09 - 4.36	*sample invalid*	ND 0.30 - 0.42	ND 0.02 - 1.43	ND 0.30 - 0.42	ND 0.30 - 0.42	ND 0.11 - 5.23	*not sampled*	11.9 (1-hour) [5]
Dioxins/Furans TEQ	1.20E-07	1.57E-06	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	4.0E-05 (long term) [3]

ND = Not Detected; value(s) shown are calculated using the limit of detection

[1] California Ambient Air Quality Standard
[2] Office of Environmental Health Hazard Assessment Acute Reference Exposure Levels (http://www.oehha.ca.gov/air/acute_rels/allAcRELs.html)
[3] Office of Environmental Health Hazard Assessment Chronic Reference Exposure Levels (http://www.oehha.ca.gov/air/chronic_rels/allChRELs.html)
[4] U.S. Environmental Protection Agency, Region 9, Preliminary Remediation Goals
[5] Monterey Bay Unified Air Pollution Control District Rule 1000 (screening values shown are 1/420th of the OSHA Permissible Exposure Limit)
[6] A chemical-specific screening level does not exist for PETN, so the acute screening level for TNT was used

yellow fill – Value exceeds Air Screening Level (see right column).

Approved by:
Reviewed by:

Table 53
Comparison of Baseline Sampling Results to Air Screening Levels
Ranges 43-48 Prescribed Burn Air Monitoring Program
Former Fort Ord, California

ANALYTE	BA-1 Range 46 Min. Max.	BA-2 Range 43 Min. Max.	OB-1 Fitch Park Min. Max.	OB-2 BLM Min. Max.	OB-3 MWD Well Min. Max.	PS-1 Staging Area Min. Max.	PS-2 Fitch M. S. Min. Max.	PS-3 Manzanita E. S. Min. Max.	PS-4 MBUAPCD Office Min. Max.	PS-5 Salinas RFD Min. Max.	PS-6 Spreckles School Min. Max.	PS-7 Ingham School Min. Max.	PS-8 Gonzales Min. Max.	PS-9 Aquarium Min. Max.	MS-1 Mobile Station Min. Max.	Air Screening Level ($\mu g/m^3$)
VEGETATION-RELATED COMBUSTION COMPOUNDS (µg/m3)																
Acetaldehyde	1.2	1.4	1.3	1.1	1.4	1.2	*not sampled*	1.6	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	1.9	*not sampled*	9 (long term) [3]
Formaldehyde	0.0 - 5.3	0.1 - 7.2	0.2 - 3.7	0.1 - 3.0	1.5 - 3.3	0.8 - 3.1	*not sampled*	0.3 - 6.2	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	1.5 - 5.8	*not sampled*	94 (1-hour) [2]
Acrolein	ND 0.0 - 8.4	0.2 - 20.4	0.2 - 5.4	0.2 - 4.9	ND 1.8 - 4.0	1.4 - 5.4	*not sampled*	ND 0.3 - 7.2	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	1.7 - 6.5	*not sampled*	0.19 (1-hour) [2]
PM-10	7	8.4	19	20	27	30	31	24	27.8	24.9	48.4	24.9	44.2	32	*not sampled*	50 (24-hour) [1]
TSP	12	14	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	n/a ---
OE-RELATED COMBUSTION SPECIES (µg/m3)																
HMX	ND 0.098	ND 0.102	ND 0.077	ND 0.088	ND 0.081	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	180 (long term) [4]
Nitrobenzene	ND 0.000 - 0.186	ND 0.002 - 0.176	ND 0.004 - 0.096	ND 0.004 - 0.093	ND 0.032 - 0.071	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	2.10 (1-hour) [4]
PETN	*not reported*	*not reported*	*not reported*	*not reported*	*not reported*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	3.57 (1-hour) [5,6]
RDX	ND 0.000 - 0.186	ND 0.002 - 0.176	ND 0.004 - 0.096	ND 0.004 - 0.093	ND 0.032 - 0.071	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	3.57 (1-hour) [5]
1,3 Dinitrobenzene	ND 0.000 - 0.186	ND 0.002 - 0.176	ND 0.004 - 0.096	ND 0.004 - 0.093	ND 0.032 - 0.071	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	0.37 (1-hour) [4]
1,3,5 Trinitrobenzene	ND 0.049	ND 0.051	ND 0.039	ND 0.044	ND 0.041	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	110 (long term) [4]
2,4 Dinitrotoluene	ND 0.000 - 0.186	ND 0.002 - 0.176	ND 0.004 - 0.096	ND 0.004 - 0.093	ND 0.032 - 0.071	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	7.30 (1-hour) [4]
2,4,6 Trinitrotoluene	ND 0.000 - 0.186	ND 0.002 - 0.176	ND 0.004 - 0.096	ND 0.004 - 0.093	ND 0.032 - 0.071	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	3.57 (1-hour) [5]
2,6 Dinitrotoluene	ND 0.000 - 0.186	ND 0.002 - 0.176	ND 0.004 - 0.096	ND 0.004 - 0.093	ND 0.032 - 0.071	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	3.70 (1-hour) [4]
Aluminum	ND 0.00 - 1.41	ND 0.01 - 1.07	0.11 - 2.57	ND 0.08 - 2.05	ND 0.83 - 1.83	ND 0.54 - 2.04	0.38 - 1.43	0.59 - 12.66	0.36 - 1.37	0.51 - 1.93	0.6 - 2.5	0.35 - 1.34	0.6 - 2.5	ND 0.57 - 2.17	*not sampled*	11.9 (1-hour) [5]
Antimony	ND 0.000 - 0.118	ND 0.001 - 0.090	ND 0.09 - 2.30	ND 0.08 - 2.05	ND 0.83 - 1.83	ND 0.54 - 2.04	ND 0.21 - 0.81	ND 0.15 - 3.16	ND 0.21 - 0.78	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.22 - 0.83	ND 0.57 - 2.17	*not sampled*	1.19 (1-hour) [5]
Barium	ND 0.00 - 0.46	ND 0.0 - 0.3	ND 0.09 - 2.30	ND 0.08 - 2.05	ND 0.83 - 1.83	ND 0.54 - 2.04	ND 0.21 - 0.81	ND 0.15 - 3.16	ND 0.21 - 0.78	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.22 - 0.83	ND 0.57 - 2.17	*not sampled*	1.19 (1-hour) [5]
Beryllium	ND 0.000 - 0.118	ND 0.001 - 0.090	ND 0.06 - 1.37	ND 0.05 - 1.22	ND 0.50 - 1.11	ND 0.32 - 1.23	ND 0.13 - 0.49	ND 0.09 - 1.89	ND 0.12 - 0.47	ND 0.12 - 0.47	ND 0.13 - 0.49	ND 0.12 - 0.47	ND 0.13 - 0.49	ND 0.34 - 1.30	*not sampled*	0.0047 (1-hour) [5]
Cadmium	ND 0.000 - 0.118	ND 0.001 - 0.090	ND 0.06 - 1.37	ND 0.05 - 1.22	ND 0.50 - 1.11	ND 0.32 - 1.23	ND 0.13 - 0.49	ND 0.09 - 1.89	ND 0.12 - 0.47	ND 0.12 - 0.47	ND 0.13 - 0.49	ND 0.12 - 0.47	ND 0.13 - 0.49	ND 0.34 - 1.30	*not sampled*	0.0119 (1-hour) [5]
Chromium	ND 0.000 - 0.118	ND 0.001 - 0.090	ND 0.09 - 2.30	ND 0.08 - 2.05	ND 0.83 - 1.83	ND 0.54 - 2.04	ND 0.21 - 0.81	ND 0.15 - 3.16	ND 0.21 - 0.78	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.22 - 0.83	ND 0.57 - 2.17	*not sampled*	1.19 (1-hour) [5]
Cobalt	ND 0.000 - 0.118	ND 0.001 - 0.090	ND 0.06 - 1.37	ND 0.05 - 1.22	ND 0.50 - 1.11	ND 0.32 - 1.23	ND 0.13 - 0.49	ND 0.09 - 1.89	ND 0.12 - 0.47	ND 0.12 - 0.47	ND 0.13 - 0.49	ND 0.12 - 0.47	ND 0.13 - 0.49	ND 0.34 - 1.30	*not sampled*	0.238 (1-hour) [5]
Copper	0.000 - 0.160	0.003 - 0.248	ND 0.09 - 2.30	ND 0.08 - 2.05	ND 0.83 - 1.83	ND 0.54 - 2.04	ND 0.21 - 0.81	ND 0.15 - 3.16	ND 0.21 - 0.78	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.22 - 0.83	ND 0.57 - 2.17	*not sampled*	100 (1-hour) [2]
Lead	ND 0.031	ND 0.026	ND 0.94	ND 0.97	ND 1.06	ND 0.91	ND 0.36	ND 0.92	ND 0.35	ND 0.36	ND 0.36	ND 0.36	ND 0.37	ND 0.97	*not sampled*	1.5 (30-day) [1]
Manganese	ND 0.000 - 0.118	ND 0.001 - 0.090	ND 0.09 - 2.30	ND 0.08 - 2.05	ND 0.83 - 1.83	ND 0.54 - 2.04	ND 0.21 - 0.81	ND 0.15 - 3.16	ND 0.21 - 0.78	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.22 - 0.83	ND 0.57 - 2.17	*not sampled*	0.47 (1-hour) [5]
Mercury	ND 0.0000 - 0.0023	ND 0.0000 - 0.0017	ND 0.002 - 0.047	ND 0.002 - 0.040	ND 0.016 - 0.036	ND 0.011 - 0.040	ND 0.0042 - 0.0161	ND 0.003 - 0.062	ND 0.0041 - 0.0157	ND 0.0042 - 0.0159	ND 0.0042 - 0.0161	ND 0.0042 - 0.0159	ND 0.0044 - 0.0166	ND 0.011 - 0.043	*not sampled*	1.8 (1-hour) [2]
Molybdenum	ND 0.000 - 0.118	ND 0.001 - 0.090	ND 0.09 - 2.30	ND 0.08 - 2.05	ND 0.83 - 1.83	ND 0.54 - 2.04	ND 0.21 - 0.81	ND 0.15 - 3.16	ND 0.21 - 0.78	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.22 - 0.83	ND 0.57 - 2.17	*not sampled*	11.9 (1-hour) [5]
Nickel	ND 0.000 - 0.118	ND 0.001 - 0.090	ND 0.09 - 2.30	ND 0.08 - 2.05	ND 0.83 - 1.83	ND 0.54 - 2.04	ND 0.21 - 0.81	ND 0.15 - 3.16	ND 0.21 - 0.78	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.22 - 0.83	ND 0.57 - 2.17	*not sampled*	6 (1-hour) [2]
Zinc	ND 0.000 - 0.118	0.001 - 0.110	ND 0.09 - 2.30	ND 0.08 - 2.05	ND 0.83 - 1.83	ND 0.54 - 2.04	ND 0.21 - 0.81	ND 0.15 - 3.16	ND 0.21 - 0.78	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.21 - 0.81	ND 0.22 - 0.83	ND 0.57 - 2.17	*not sampled*	11.9 (1-hour) [5]
Dioxins/Furans TEQ	1.90E-11	1.50E-11	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	*not sampled*	4.0E-05 (long term) [3]

ND = Not Detected; value(s) shown are calculated using the limit of detection

[1] California Ambient Air Quality Standard
[2] Office of Environmental Health Hazard Assessment Acute Reference Exposure Levels (http://www.oehha.ca.gov/air/acute_rels/allAcRELs.html)
[3] Office of Environmental Health Hazard Assessment Chronic Reference Exposure Levels (http://www.oehha.ca.gov/air/chronic_rels/allChRELs.html)
[4] U.S. Environmental Protection Agency, Region 9, Preliminary Remediation Goals
[5] Monterey Bay Unified Air Pollution Control District Rule 1000 (screening values shown are 1/420th of the OSHA Permissible Exposure Limit)
[6] A chemical-specific screening level does not exist for PETN, so the acute screening level for TNT was used

yellow fill – Value exceeds Air Screening Level (see right column).

NOTES:
Baseline data for the MBUAPCD-operated sites PS-2, PS-4, PS-5, PS-6, PS-7, and PS-8 were collected on 10/23/03.
Baseline data for the Energetics analytes were collected on 11/18/02.
Baseline data for all other sites/analytes were collected on 11/12/03.

Approved by:
Reviewed by: