CAFB929

DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 27th SUPPORT GROUP (ACC)
CANNON AIR FORCE BASE NEW MEXICO

15 APR 1999

Colonel James A. Thomas III
Commander
110 E Sextant Avenue Suite 1098
Cannon AFB NM 88130-5323

Mr. Benito J. Garcia, Chief
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department
2044 Galisteo Street
P O Box 26110
Santa Fe NM 87502

RECEIVED 1999

Dear Mr. Garcia

Enclosed is the Final Site Inspection Report at Areas of Concern E, F, G and H on Cannon AFB. This is for your review and files. Based on the results and contractor recommendations, we suggest no further action.

If you have any questions, please contact Mr. Sanford Hutsell of my environmental flight at (505) 784-6378.

Sincerely

James A. Thomas III

JAMES A. THOMAS III, Colonel, USAF

Attachment:
Final Site Inspection Report

cc:
NMED w/o atch (C. Will)
NMED GW Bureau (J. Jacobs)
EPA Region VI (D. Neleigh)
EPA Region VI (B. Sturdivant)
HQ ACC/CEVR-W w/o atch (M. Patterson)

LIBRARY COPY

FINAL REPORT
APPENDIXES A, B, C, AND D

CERCLA SITE INSPECTIONS AT AREAS OF CONCERN (AOCs) E, F, G, AND H CANNON AFB, NEW MEXICO

Prepared for
U.S. Department of the Army
Corps of Engineers, Omaha District
Omaha, Nebraska

March 1999

APPENDIX A

DAILY QUALITY CONTROL REPORTS (DQCRs), BORING LOGS, AND SAMPLE COLLECTION FIELD SHEETS

W-C DAILY QUALITY CONTROL REPORT

Date 10-22-99

Day	S	M	T	W	TH	F	S
				X			

Weather	Bright Sun	Clear	Overcast	Rain	Snow
			X		
Temp	To 32	32-50	50-70	70-85	85 up
			X		
Wind	Still	Moderate	High	Report No.	
			X		
Humidity	Dry	Moderate	Humid	/	

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: None

Equipment on Site: None

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, Karen Distoro

Work Performed (including sampling): Could not locate Sanford Hutsell. Left for hotel. Called back later and scheduled to meet at 0800 tomorrow.

Sheet 1 of 2

Project Site Inspections at AOCs- E, F, G, and H Report No. 1
Project No. M9602R Date 10-22-98

Quality Control Activities (including field calibration):
None
Health and Safety and Activities: PPE = Level D
Problems Encountered/Corrective Actions Taken: None
Downtime/Standby: None
Office Work Performed/ Additional Comments:

By Michael M. Sanderson Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 10-23-97

Day	S	M	T	W	TH	F	S
					X		

Weather	Bright Sun	Clear	Overcast	Rain	Snow
			X	X	
Temp	To 32	32-50	50-70	70-85	85 up
			X		
Wind	Still	Moderate	High	Report No.	
		X		2	
Humidity	Dry	Moderate	Humid		
			X		

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: None

Equipment on Site: None

Visitors on Site: Sanford Hartsell

W-C Personnel on Site: Mike Sonderman, Karen Difiore

Work Performed (including sampling): visited AOCs - E, -F, -G, and -H. Took several photographs, and made approximate measurements of observed features. Reviewed several air photos of AOCs - G + -H.

Project Site Inspections at AOCs- E, F, G, and H
Project No. M9602R

Report No. 2
Date 10-23-97

Quality Control Activities (including field calibration):

None

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: None

Downtime/Standby: None

Office Work Performed/ Additional Comments:

Reviewed aerial photos. Drove from Clovis, NM to Amarillo, TX.

By [signature] Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 10-24-98

Day	S	M	T	W	TH	F	S
						X	

Weather	Bright Sun	Clear	Overcast	Rain	Snow
			X		
Temp	To 32	32-50	50-70	70-85	85 up
			X		
Wind	Still	Moderate	High	Report No.	
		X		3	
Humidity	Dry	Moderate	Humid		
		X			

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: None

Equipment on Site: None

Visitors on Site: None

W-C Personnel on Site: ~~None~~ Mike Sonderman, Karen Ditoro

Work Performed (including sampling): Travelled from Amarillo to Omaha.

Project Site Inspections at AOCs- E, F, G, and H Report No. 3
Project No. M9602R Date 10-24-97

Quality Control Activities (including field calibration): None
Health and Safety and Activities: PPE = Level D
Problems Encountered/Corrective Actions Taken: None
Downtime/Standby: None
Office Work Performed/ Additional Comments:

By [signature] Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 3-26-98

Day	S	M	T	W	TH	F	S
					X		

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X			

Temp	To 32	32-50	50-70	70-85	85 up
				X	

Wind	Still	Moderate	High	Report No.
			X	

Humidity	Dry	Moderate	Humid	
	X			4

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: None

Equipment on Site:

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, Tim King

Work Performed (including sampling): Picked up electromagnetic surveying equipment from Sanford Hatsell's office in C. E. Building. Set up grid at AOC-E.

Project Site Inspections at AOCs- E, F, G, and H Report No. 4
Project No. M9602R Date 3-26-98

Quality Control Activities (including field calibration): None
Health and Safety and Activities: PPE = Level D
Problems Encountered/Corrective Actions Taken: None
Downtime/Standby: None
Office Work Performed/ Additional Comments:

By Michael R. Lowderman Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 3-27-98

Day	S	M	T	W	TH	F	S
						X	

Weather	Bright Sun	Clear	Overcast	Rain	Snow
			X		
Temp	To 32	32-50	50-70	70-85	85 up
				X	
Wind	Still	Moderate	High	Report No.	
			X		
Humidity	Dry	Moderate	Humid	5	
	X				

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: None

Equipment on Site: Geonics EM61s - two machines

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, Tim King

Work Performed (including sampling): Performed EM-61 survey of AOC-E. Also did quick EM-61 survey of AOC-G for John Pike.

Project Site Inspections at AOCs- E, F, G, and H Report No. 5
Project No. M9602R Date 3-27-98

Quality Control Activities (including field calibration): calibrated EM61 equipment.

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: None

Downtime/Standby: None

Office Work Performed/ Additional Comments: winds excessive with gusts up to 40 mph

By Michael M. Sondesma Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 3-28-98

Day	S	M	T	W	TH	F	S
							X

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X			
Temp	To 32	32-50	50-70	70-85	85 up
			X		
Wind	Still	Moderate	High	Report No.	
			X	6	
Humidity	Dry	Moderate	Humid		
	X				

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: None

Equipment on Site: None

Visitors on Site: None

W-C Personnel on Site: Mike Bonderman, Tim King

Work Performed (including sampling): Reduced data. Marked edge of geophysical grid with wood stakes. verified magnetic anomalies. All but one points indicated with a metallic signal had scrap metal on the ground surface. Drove to Amarillo after shipping EM equipment.

Project Site Inspections at AOCs- E, F, G, and H
Project No. M9602R

Report No. 6
Date 3-28-78

Quality Control Activities (including field calibration): None
Health and Safety and Activities: PPE = Level D
Problems Encountered/Corrective Actions Taken: None
Downtime/Standby: None
Office Work Performed/ Additional Comments:

By Michael M Sorensen Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 3-29-98

Day	S	M	T	W	TH	F	S
	X						

Weather	Bright Sun	Clear	Overcast	Rain	Snow
Temp	To 32	32-50	50-70	70-85	85 up
Wind	Still	Moderate	High	Report No.	
Humidity	Dry	Moderate	Humid	7	

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: —

Equipment on Site: —

Visitors on Site: —

W-C Personnel on Site: Mike Sonderman, ~~John Keith~~ Tim King

Work Performed (including sampling): Travel Day. Returned to respective offices.

Project Site Inspections at AOCs- E, F, G, and H Report No. 3-24-98
Project No. M9602R Date 7

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm Isobutylene.
None
Health and Safety and Activities: PPE = Level D
Problems Encountered/Corrective Actions Taken:
Downtime/Standby:
Office Work Performed/ Additional Comments:

By [signature] Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 4-27-98

Day	S	M	T	W	TH	F	S
		X					

Weather	Bright Sun	Clear	Overcast	Rain	Snow
			X		
Temp	To 32	32-50	50-70	70-85	85 up
			X		
Wind	Still	Moderate	High	Report No.	
			X	8	
Humidity	Dry	Moderate	Humid		
			X		

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: None

Equipment on Site: None

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): staked sampling locations and called utilities hotline for clearences. checked on staging area. Bought supplies.

Project Site Inspections at AOCs- E, F, G, and H Report No. 8
Project No. M9602R Date 4-27-98

Quality Control Activities (including field calibration): ~~Calibrated PID~~ to 100 ppm Isobutylene.

None

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: None

Downtime/Standby: None

Office Work Performed/ Additional Comments:

By Michael M. Lundeen Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 4-28-98

Day	S	M	T	W	TH	F	S
			X				

Weather	Bright Sun	Clear	Overcast	Rain	Snow
			X		
Temp	To 32	32-50	50-70	70-85	85 up
			X		
Wind	Still	Moderate	High	Report No.	
		X	/	9	
Humidity	Dry	Moderate	Humid		
	X				

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: None

Equipment on Site: Hand augering equipment

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): staked AOC-E. Received clearances for sewer, water, gas and sprinklers. U.S. West cleared locations. will get electrical tomorrow. Waiting for cable. collected 9 shallow soil samples of AOC-F and sent in for analysis for 6010 Lead, Arsenic and Antimony.

Project Site Inspections at AOCs- E, F, G, and H Report No. 9
Project No. M9602R Date 4-28-98

Quality Control Activities (including field calibration): ~~Calibrated PID to 100 ppm Isobutylene.~~
None
Health and Safety and Activities: PPE = Level D
Problems Encountered/Corrective Actions Taken: None
Downtime/Standby: None
Office Work Performed/ Additional Comments:

By Michael A. Sanderson Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 4-29-98

Day	S	M	T	W	TH	F	S
				X			

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X	X		

Temp	To 32	32-50	50-70	70-85	85 up
			X		

Wind	Still	Moderate	High	Report No.
		X		10

Humidity	Dry	Moderate	Humid
	X		

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: Southwest Engineering - Alex Sanchez, Ralph

Equipment on Site: CME 85 drill rig, pickup, hand augering equipment

Visitors on Site: Sanford Hutsell

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): collected 27 samples from 9 hand auger borings at AOC-F: HA-1 through HA-9. Showed staging area to drillers; set rig up on first hole; finished utilities clearances.

Project Site Inspections at AOCs- E, F, G, and H Report No. 10
Project No. M9602R Date 4-29-98

Quality Control Activities (including field calibration): ~~Calibrated PID to 100 ppm Isobutylene.~~

collected 2 duplicate samples, 1 MS/MSD and 3 QA splits to be sent to CMQAL (Corps lab).

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: None

Downtime/Standby: None

Office Work Performed/ Additional Comments:

By Michael M. Landa Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 4-30-98

Day	S	M	T	W	TH	F	S
					X		

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X	X		

Temp	To 32	32-50	50-70	70-85	85 up
				X	

Wind	Still	Moderate	High	Report No.
		X		

Humidity	Dry	Moderate	Humid	
	X			11

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: Southwest Engineering

Equipment on Site: CME 85 drill rig, PID, steam cleaner support vehicles

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): Drilled and sampled SB01 thru SB04 at AOC-E, collected 24 samples to be analyzed for 8260A VOCs, 8270 SVOCs, 8081 Pest./PCBs, and 6010/7470 TAC metals.

Project Site Inspections at AOCs- E, F, G, and H
Project No. M9602R

Report No. 11
Date 4-30-98

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm Isobutylene.

collected 2 duplicate samples, 2 QA split samples, and 1 MS/MSD

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: None

Downtime/Standby: None

Office Work Performed/ Additional Comments:

By Michael M. Lundeen Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 5-01-98

Day	S	M	T	W	TH	F	S
						X	

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X			
Temp	To 32	32-50	50-70	70-85	85 up
					X
Wind	Still	Moderate	High	Report No.	
		X		12	
Humidity	Dry	Moderate	Humid		
	X				

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: Southwest Engineering

Equipment on Site: CME 75 drill rig, PID, steam cleaner, support vehicles

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): Drilled ~~bor~~ and sampled borings SB-05 thru SB-08 at AOC-E. Samples will be analyzed for 8260A VOCs, 8270 SVOCs, 8081 Pest./PCBs, TAL Metals. Drilled and sampled SB01 at AOC-H. Collected samples for 8260A VOCs, GRO + DRO, 8270 SVOCs, 8081 Pest./PCBs, 8151 Herbicides, TAL metals.

Project Site Inspections at AOCs- E, F, G, and H
Project No. M9602R

Report No. 12
Date 5-01-98

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm Isobutylene.

collected 3 duplicates, 3 splits and 1 MS/MSD.

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: None

Downtime/Standby: None

Office Work Performed/ Additional Comments:

By Michael M Anderson Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 5-02-98

Day	S	M	T	W	TH	F	S
							X

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X			
Temp	To 32	32-50	50-70	70-85	85 up
				X	
Wind	Still	Moderate	High	Report No.	
		X		13	
Humidity	Dry	Moderate	Humid		
	X				

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: Southwest Engineering

Equipment on Site: CME 75 drill rig, PID, steam cleaner, support vehicles

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): Drilled and sampled 5 soil borings at AOC-H (SB02 thru SB06). Collected 6 samples per boring and will submit for following analyses: 8260A VOCs, 8015 - GRO + DRO, 8081 Pest/PCBs, 8270 SVOCs, TAL Metals, 8151 Herbicides

Project Site Inspections at AOCs- E, F, G, and H Report No. 12
Project No. M9602R Date 5-02-98

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm Isobutylene.
Collected 2 duplicates, 2 QA splits and 1 MS/MSD.
Health and Safety and Activities: PPE = Level D
Problems Encountered/Corrective Actions Taken: None
Downtime/Standby: None
Office Work Performed/ Additional Comments:

By Michael M Fondevila Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 5-03-98

Day	S	M	T	W	TH	F	S
	X						

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X			

Temp	To 32	32-50	50-70	70-85	85 up
				X	

Wind	Still	Moderate	High	Report No.
		X		14

Humidity	Dry	Moderate	Humid
	X		

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: Southwest Engineering

Equipment on Site: CME 85 drill rig, PID, steam cleaner, support vehicles

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): Drilled and sampled 2 borings at AOC-G (SB01 + SB02). Retained 6 samples per boring for following analyses: 8260A VOCs, 8220 SVOCs, 8081 Pest/PCBs, 8151 Herbicides, TAL metals, 8015 TPH DRO + GRO

Project Site Inspections at AOCs- E, F, G, and H Report No. 14
Project No. M9602R Date 5-03-98

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm Isobutylene.

collected 2 duplicate samples, 2 QA splits and 1 MS/MSD.

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: started on boring by Building 1404, but moved it due to concrete sloped along ditch. will try to drill it tomorrow. may need to reclear location for utilities.

Downtime/Standby: None

Office Work Performed/ Additional Comments:

By Michael M Sonderman Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 5-04-98

Day	S	M	T	W	TH	F	S
		X					

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X			

Temp	To 32	32-50	50-70	70-85	85 up
				X	

Wind	Still	Moderate	High	Report No.
		X		

Humidity	Dry	Moderate	Humid	
	X			15

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: Southwest Engineering

Equipment on Site: CME 85 drill rig, PID, steam cleaner support vehicles

Visitors on Site: Sanford Hutsell

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): Drilled and samples 5 borings ~~at~~ at AOC-G (SB-03 thru SB07). Retained 6 samples per boring for analysis for: 8260A VOCs, 8270 SVOCs, 8081 Pest/PCBs, 8151 Herbicides, 8015 TPH-DRO + GRO, TAL Metals.

Project Site Inspections at AOCs- E, F, G, and H Report No. 15
Project No. M9602R Date 5-04-98

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm Isobutylene.

Calibrated PID to 100 ppm Isobutylene.
Collected CAG-SB03-103 (MS/MSD), CAG-SB04-303 (QA SPLIT), CAG-SB54-206 (Duplicate), CAG-SB55-202, (Duplicate), CAG-SB05-305 (QA split), CAG-SB06-302 (QA split) CAG-SB56-205 (Duplicate)

Health and Safety and Activities: PPE = Level D ; Sonderman cut thumb in morning. Taped thumb and resumed work. Had thumb attended to over lunch at base hospital. (See incident ~~safety~~ report).

Problems Encountered/Corrective Actions Taken:

None

Downtime/Standby: None

Office Work Performed/ Additional Comments:

none

By Michael R. Sonderman Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 5-05-98

Day	S	M	T	W	TH	F	S
			X				

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X			

Temp	To 32	32-50	50-70	70-85	85 up
				X	

Wind	Still	Moderate	High	Report No.
		X		

Humidity	Dry	Moderate	Humid	
	X			16

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: Southwest Engineering

Equipment on Site: CME 85 drill rig, PID, steam cleaner, support vehicles

Visitors on Site: Sanford Hutsell

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): Drilled and sampled GAG-SB08. Retained six samples for 8260A VOCs, 8270 SVOCs, 8081 Pest./PCBs, 8015 TPH-DRO + GRO, and TAL Metals analyses. Recollected samples at following locations: CAE-SB01 and CAE-SB03, including CAE-SB01-002, CAE-SB01-010, CAE-SB01-030, CAE-SB03-002, CAE-SB03-010, CAE-SB03-030. Six recollected samples submitted for 8260A VOCs, 8270 SVOCs, 8081 Pest./PCBs, TAL Metals. Started grouting holes and moving drums to staging area.

Project Site Inspections at AOCs- E, F, G, and H Report No. 16
Project No. M9602R Date 5-05-98

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm Isobutylene.

Calibrated PID to 100 ppm Isobutylene.
Recollected QA split (CAF-SB01-302).

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: Samples from six depths recollected at AOC-E due to sample shipping problems.

Downtime/Standby:

None

Office Work Performed/ Additional Comments:

By Michael M Sonderen Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 5-06-98

Day	S	M	T	W	TH	F	S
				X			

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X			
Temp	To 32	32-50	50-70	70-85	85 up
					X
Wind	Still	Moderate	High	Report No.	
		X		17	
Humidity	Dry	Moderate	Humid		
	X				

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: Southwest Engineering, Lydick Engineering

Equipment on Site: CME 85 drill rig, PID, steam cleaner, support vehicles

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): Labelled drums, showed sampling locations to surveyors.

Project Site Inspections at AOCs- E, F, G, and H
Project No. M9602R

Report No. 17
Date 5-06-98

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm Isobutylene.

None

Health and Safety and Activities: PPE = Level D . stopped at Hospital to check on any necessary paperwork.

Problems Encountered/Corrective Actions Taken: None

Downtime/Standby: None

Office Work Performed/ Additional Comments:

did paperwork.

By [signature] Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 5-07-98

Day	S	M	T	W	TH	F	S
					X		

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Weather	Bright Sun	Clear X	Overcast	Rain	Snow
Temp	To 32	32-50	50-70	70-85 X	85 up
Wind	Still	Moderate	High 15-20mph	Report No.	
Humidity	Dry X	Moderate	Humid	28	

Subcontractors on Site: Lydick Engineering

Equipment on Site: Stainless steel hand auger.

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): collected 8 background pestizide samples in the housing area.

Project Site Inspections at AOCs- E, F, G, and H

Project No. M9602R

Report No. 18

Date 5-07-98

Quality Control Activities (including field calibration): ~~Calibrated PID to 100 ppm Isobutylene.~~

None

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: None

Downtime/Standby: None

Office Work Performed/ Additional Comments:

By Michael W. Sonderman Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 5-08-98

Day	S	M	T	W	TH	F	S
						X	

Weather	Bright Sun	Clear	Overcast	Rain	Snow
			X		
Temp	To 32	32-50	50-70	70-85	85 up
				X	
Wind	Still	Moderate	High 15-25 mph	Report No.	
Humidity	Dry	Moderate	Humid	19	

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: Lydick Engineers

Equipment on Site: Hand auger equipment, PID

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, John Keith

Work Performed (including sampling): Recollected following samples: CAG-SB01-005, ~~CAH~~ CAH-SB01-002, CAH-SB01-005, CAH-SB01-010, CAH-SB03-002, CAH-SB03-005, CAH-SB03-010, using hand auger equipment.

Project Site Inspections at AOCs- E, F, G, and H
Project No. M9602R

Report No. 19
Date 5-08-98

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm Isobutylene.

Recollected following QA/QC samples: CA6-SB01-305 (QA split), CAH-SB51-202 (Duplicate), CAH-SB01-305 (QA split).

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: ~~None~~ Samples were recollected due to shipping problems

Downtime/Standby: None

Office Work Performed/ Additional Comments: Shipped samples and equipment for demobilization. Will leave for Omaha tomorrow.

By Michael R. Sondern Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 5-09-98

Day	S	M	T	W	TH	F	S
						X	

Weather	Bright Sun	Clear	Overcast	Rain	Snow
			X		

Temp	To 32	32-50	50-70	70-85	85 up
				X	

Wind	Still	Moderate	High	Report No.
		X		20

Humidity	Dry	Moderate	Humid
	X		

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Subcontractors on Site: None

Equipment on Site: None

Visitors on Site: None

W-C Personnel ~~on Site:~~ Mike Sonderman, John Keith

Work Performed (including sampling): Travel day

Project Site Inspections at AOCs- E, F, G, and H Report No. 20
Project No. M9602R Date 5-09-98

Quality Control Activities (including field calibration): ~~Calibrated PID to 100 ppm Isobutylene.~~
None
Health and Safety and Activities: PPE = Level D
Problems Encountered/Corrective Actions Taken: None
Downtime/Standby: None
Office Work Performed/ Additional Comments: spent last night in
Amarillo. Travelled from Amarillo to Omaha.

By Michael R. Sonderma Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 12-03-98

Day	S	M	T	W	TH	F	S

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Weather	Bright Sun	Clear	Overcast X	Rain X	Snow
Temp	To 32	32-50	50-70 X	70-85	85 up
Wind	Still	Moderate	High X	Report No. 21	
Humidity	Dry	Moderate	Humid X		

Subcontractors on Site: None

Equipment on Site: Kubota backhoe

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, Dan Galde

Work Performed (including sampling): met vendor at gate and led him to AOC-E. Dropped off backhoe.

Project Site Inspections at AOCs- E, F, G, and H
Project No. M9602R

Report No. 21
Date 12-03-98

Quality Control Activities (including field calibration): ~~Calibrated PID to 100 ppm Isobutylene.~~

Health and Safety and Activities: PPE = Level D

Problems Encountered/Corrective Actions Taken: None

Downtime/Standby: None

Office Work Performed/ Additional Comments:

By [signature] Title Site Manager

W-C DAILY QUALITY CONTROL REPORT

Date 12-04-98

Day	S	M	T	W	TH	F	S
						X	

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Weather	Bright Sun	Clear	Overcast X	Rain	Snow
Temp	To 32	32-50	50-70 X	70-85	85 up
Wind	Still	Moderate	High X	Report No. 22	
Humidity	Dry X	Moderate	Humid		

Subcontractors on Site: USACE - Omaha District: Dwayne Musilek

Equipment on Site: Kubota backhoe, PID, hand auger equipment

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, Dan Galde

Work Performed (including sampling): Excavated 4 trenches and completed 3 hand auger borings and half of ~~third~~ fourth boring. Retained samples for 8260A VOCs, 8270 SVOCs / SOST Test, TAL metals. Backfilled Trenches T-1 Thru T-3.

Project Site Inspections at AOCs- E, F, G, and H

Project No. M9602R

Report No. 21

Date 12-04-98

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm
Isobutylene. [illegible]
Health and Safety and Activities: PPE = Level D
Problems Encountered/Corrective Actions Taken: None
Downtime/Standby: None
Office Work Performed/ Additional Comments:

By Michael Anderson Title Site Manager

Sheet 2 of 2

W-C DAILY QUALITY CONTROL REPORT

Date 12-05-98

Day	S	M	T	W	TH	F	S
							X

COE Project Manager Steve Peterson
Project AOC-E, -F, -G, -H SIs
Project No. M9602R
Contract No. DACA-45-96-D-0017

Weather	Bright Sun	Clear	Overcast	Rain	Snow
		X			
Temp	To 32	32-50	50-70	70-85	85 up
			X		
Wind	Still	Moderate	High	Report No.	
			X		
Humidity	Dry	Moderate	Humid		
	X			23	

Subcontractors on Site: USACE - Omaha District: Dwayne Musilek

Equipment on Site: Kubota backhoe, PID, hand auger equipment

Visitors on Site: None

W-C Personnel on Site: Mike Sonderman, Dan Galde

Work Performed (including sampling): Finished sampling at HA04, Retrieved samples for 8260 AVOCs, 8270 SVOCs / 8081 Pest., TAL metals.

Project Site Inspections at AOCs- E, F, G, and H
Project No. M9602R

Report No. 23
Date 12-05-98

Quality Control Activities (including field calibration): Calibrated PID to 100 ppm
Isobutylene.
Health and Safety and Activities: PPE = Level D
Problems Encountered/Corrective Actions Taken: None
Downtime/Standby: None
Office Work Performed/ Additional Comments:

By [signature] Title Site Manager

Sheet 2 of 2

HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	HA01
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Backhoe - USACE - Omaha
SHEET / SHEETS	1 OF 3
3.PROJECT	Cannon AFB AOC-E
4.LOCATION	Cannon Air Force Base, New Mexico
5.NAME OF DRILLER	Hand Auger: Dan Galde Backhoe: Dwayne Musilek
6.MANUFACTURER'S DESIGNATION OF DRILL	Kubota Backhoe
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	Backhoe and stainless steel hand auger
8.HOLE LOCATION	N: 1230991.79 E: 810213.86
9.SURFACE ELEVATION	4270.73 Feet Above MSL
10.DATE STARTED	12-04-98
11.DATE COMPLETED	12-04-98
12.OVERBURDEN THICKNESS	0.5' rubble
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	9.5' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
3	3	3	3 SVOCs	3 Pest.		NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
	cuttings			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
Cannon AFB AOC-E	HA01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: HA01

SHEET 2 OF 3 SHEETS

PROJECT: Cannon AFB AOC-E

INSPECTOR: Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		med. stiff, moist, red to brown, low plastic silt (ML) with concrete and asphalt rubble	Background HS=0				Fill
			HS=0		CAE-HA01 -001 SVOCs, Pest., Metals		Alluvium T = 0840 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals
	1				VOCs		
	2						
	3	becomes stiff; light reddish brown; caliche			CAE-HA01 -005		
	4		HS=0				T = 0905 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals
	5						
	6						
	7						
	8	becomes heavily cemented			CAE-HA01 -010		collected with stainless steel hand auger after trenching to 8.5' bgs. T = 1009 2 - 4oz. 8260 A VOCs 1 - 8oz. SVOCs & Pest. 1 - 8oz. TAL Metals
	9		HS=0				
	10	BOB at 9.5' bgs					

PROJECT: Cannon AFB AOC-E

HOLE NO. HA01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	PROJECT	INSPECTOR	SHEET	SHEETS
HA01	Cannon AFB AOC-E	Michael M. Sonderman	3	3

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	11						All samples collected with hand auger. HS = headspace T = time oz. = ounce med. = medium bgs = below ground surface NA = not applicable BOB = bottom of boring
	12						
	13						
	14						
	15						
	16						
	17						
	18						
	19						
	20						

PROJECT	HOLE NO.
Cannon AFB AOC-E	HA01

HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	HA02
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Backhoe - USACE - Omaha
SHEET / SHEETS	1 OF 3
3.PROJECT	Cannon AFB AOC-E
4.LOCATION	Cannon Air Force Base, New Mexico
5.NAME OF DRILLER	Hand Auger: Dan Galde Backhoe: Dwayne Musilek
6.MANUFACTURER'S DESIGNATION OF DRILL	Kubota Backhoe
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	Backhoe and stainless steel hand auger
8.HOLE LOCATION	N: 1231017.11 E: 810106.31
9.SURFACE ELEVATION	4271.59 Feet Above MSL
10.DATE STARTED	12-04-98
11.DATE COMPLETED	12-04-98
12.OVERBURDEN THICKNESS	2.8' rubble
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	12.8' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
3	3	3	3 SVOCs	3 Pest.		NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
	cuttings			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
Cannon AFB AOC-E	HA02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: HA02

PROJECT: Cannon AFB AOC-E

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1, 2	loose, moist, red to brown, gravel (GC), 30% to 40% silt and fine sand with concrete and asphalt rubble	Background HS=0				Fill
	3	med.stiff, moist, red, low plastic silt (ML)			CAE-HA02 -005		Alluvium T = 1100 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals
	4		HS=0		VOCs		
		becomes light red and moderately cemented					
	5						
	6				CAE-HA02 -008		T = 1115 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals
	7		HS=0				
	8						
	9						
	10						

PROJECT: Cannon AFB AOC-E

HOLE NO. HA02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: HA02

PROJECT: Cannon AFB AOC-E

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		stiff, moist, red to lt. red, low plastic silt (ML), moderately cemented to heavily cemented					Alluvium T = 1130 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals
	11				CAE-HA02 -013		
	12		HS=0				
	13	BOB at 12.8' bgs					All samples collected with hand auger. HS = headspace T = time oz. = ounce lt. = light med. = medium bgs = below ground surface NA = not applicable BOB = bottom of boring
	14						
	15						
	16						
	17						
	18						
	19						
	20						

PROJECT: Cannon AFB AOC-E

HOLE NO. HA02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT: Omaha District		HOLE NUMBER: HA03
1.COMPANY NAME: Woodward-Clyde	2.DRILL SUBCONTRACTOR: Backhoe - USACE - Omaha	SHEET 1 OF SHEETS 3
3.PROJECT: Cannon AFB AOC-E	4.LOCATION: Cannon Air Foce Base, New Mexico	
5.NAME OF DRILLER: Hand Auger: Dan Galde Backhoe: Dwayne Musilek	6.MANUFACTURER'S DESIGNATION OF DRILL: Kubota Backhoe	
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Backhoe and stainless steel hand auger	8.HOLE LOCATION: N: 1231279.39 E: 810125.16	
	9.SURFACE ELEVATION: 4272.49 Feet Above MSL	
	10.DATE STARTED: 12-04-98	11.DATE COMPLETED: 12-04-98
12.OVERBURDEN THICKNESS: 2.7' rubble	15.DEPTH GROUNDWATER ENCOUNTERED: NA	
13.DEPTH DRILLED INTO ROCK: NA	16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14.TOTAL DEPTH OF HOLE: 13' bgs	17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
3	3	3	3 SVOCs	3 Pest.		NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
	cuttings			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
Cannon AFB AOC-E	HA03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: HA03

PROJECT: Cannon AFB AOC-E

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		med. stiff, sl. moist, red, low plastic silt (ML) with gravel asphalt and concrete	Background HS=0				Fill
	1						
	2						
	3	med. stiff, moist, red, low plastic silt (ML)	HS=0		CAE-HA03 -003		Alluvium T = 1500 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals
	4	becomes light red and moderately cemented					
	5						
	6				CAE-HA03 -008		T = 1515 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals
	7		HS=0				
	8						
	9	becomes heavily cemented trace fine sand					cannot hand auger through....will trench. Trenched to 9.5' and. augered to 11' will collect sample.
	10						

PROJECT: Cannon AFB AOC-E

HOLE NO. HA03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: HA03

PROJECT: Cannon AFB AOC-E

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	11	same as above stiff to v. stiff, sl. moist, lt. red, low plastic silt (ML), trace fine sand	HS=0		CAE-HA03 -013		Alluvium T = 1600 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals
	12						
	13	BOB at 13' bgs					All samples collected with hand auger. HS = headspace T = time oz. = ounce lt. = light med. = medium sl. = slightly v. = very bgs = below ground surface NA = not applicable BOB = bottom of boring
	14						
	15						
	16						
	17						
	18						
	19						
	20						

PROJECT: Cannon AFB AOC-E

HOLE NO. HA03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	HA04
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Backhoe - USACE - Omaha
SHEET / SHEETS	1 OF 3
3.PROJECT	Cannon AFB AOC-E
4.LOCATION	Cannon Air Force Base, New Mexico
5.NAME OF DRILLER	Hand Auger: Dan Galde Backhoe: Dwayne Musilek
6.MANUFACTURER'S DESIGNATION OF DRILL	Kubota Backhoe
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	Backhoe and stainless steel hand auger
8.HOLE LOCATION	N: 1231596.04 E: 810141.96
9.SURFACE ELEVATION	4271.80 Feet Above MSL
10.DATE STARTED	12-04-98
11.DATE COMPLETED	12-04-98
12.OVERBURDEN THICKNESS	1.1' rubble
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	10.4' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
3	3	3	3 SVOCs	3 Pest.		NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
	cuttings			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
Cannon AFB AOC-E	HA04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: HA04

PROJECT: Cannon AFB AOC-E

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		med. stiff, moist, red, low plastic silt (ML) with concrete and asphalt rubble, roots	Background HS=0				Fill
	1						
		med. stiff, moist, red, low plastic silt (ML) trace fine sand	HS=0		CAE-HA04 -002		Alluvium T = 1625 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals
	2						
	3						
		becomes light reddish brown moderately cemented					
	4				CAE-HA04 -006		T = 1640 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals
	5		HS=0				
	6						12-04-98 stopped for day at 6' bgs 12-05-98 resumed augering at 6' bgs
	7	caliche					cannot auger, will excavate with backhoe
	8						Alluvium
	9						
	10		HS=0		CAE-HA04 -010		T = 0735 2-4oz. 8260 A VOCs 1-8oz. SVOCs & Pest. 1-8oz. TAL Metals

PROJECT: Cannon AFB AOC-E

HOLE NO. HA04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: HA04

PROJECT: Cannon AFB AOC-E

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 3

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		v. stiff to hard, dry, lt. reddish brown, low plastic silt (ML)					Alluvium
		BOB at 10.4' bgs					All samples collected with hand auger. HS = headspace T = time oz. = ounce lt. = light med. = medium v. = very bgs = below ground surface NA = not applicable BOB = bottom of boring
	11						
	12						
	13						
	14						
	15						
	16						
	17						
	18						
	19						
	20						

PROJECT: Cannon AFB AOC-E

HOLE NO. HA04

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-01
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD SS split-spoons
8.HOLE LOCATION	N: 1230806.53 E: 810103.12
9.SURFACE ELEVATION	4268.89 Feet Above MSL
10.DATE STARTED	4-30-98
10.DATE COMPLETED	4-30-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	40' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
6	8260A	TAL Metals	8270 VOCs	8081 Pest/PCBs		NA%

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE 1" = 250'

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-E SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), soft, moist, red, trace gravel, grass roots (fill)	Background HS=0			1	thin grass cover
	1	silt (ML), med. stiff, moist red, root traces	HS=0		CAE-SB01 -002 & Dup	3	Ogallala Fm. N = 8 Rec. = 1.1' T = 0748 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals & Duplicate CAE-SB01-202 T = 0718
						5	
						6	
	2						CAE-SB01-202 T = 0718
	3				CAE-SB01 -005	7	N = 51 Rec. = 2.0' T = 0757 1 x 2oz glass jars 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						13	
	4	silt (ML), hard, dry, red, moderate to heavy cementation (caliche)	HS=0			38	
						42	
	5						
	6						
	7						
	8						sample & QA split
					CAE-SB01 -010	3	N = 17 Rec. = 1.8' T = 0812 1 x 2oz glass jars 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals split # CAE-SB01-310
						8	
	9	becoming lighter in color	HS=0			9	
	10					8	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-01

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, dry, light red, moderate to heavy cementration, (caliche)					Ogallala Fm.
	11						
	12						
	13						rig chatter; drilling becomes much harder
		some fine to coarse sand sized limestone fragments					
	14						
	15						
	16						
	17						
	18	limestone stringer			VOCs	56+	N = 56+ Rec. = 0.4' T = 0830 CAE-SB01-020 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	19						
	20						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, limestone fragments with (caliche) interbedded limestone stringers			SVOCs, Pest./PCBs, Metals	60+	N = 60+ Rec. = 0.3' T = 0830 Ogallala Fm.
	21						Drilling becomes a little easier, but running rig at higher speed, collected sample from 2 intervals collected VOCs from 18.0-18.4' collected SVOC, Pest./PCBs & metals from 20-20.3' bgs
	22						
	23						
	24						
	25						
	26						
	27						
	28	limestone and caliche			CAE-SB01-030 & MS/MSD	60	N = 88 Rec. = 2.0' T = 0902 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals MS/MSD CAE-SB01-130
	29	sand (SM), very dense, slightly moist, light red, fine-grained	HS=0			43	
						45	
	30	silty sand - sandy silt (SM-ML)				50+	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), slightly moist, light red, trace sand, limestone fragments					changed from silt (SM-ML) at 30' Ogallala Fm.
	31						
	32						
	33						
	34						
	35	silty sand (SM), dense, moist, light reddish-brown to brown, fine-grained chunks of cemented sand-silt					from cuttings
	36						
	37						
	38				CAE-SB01 -040	4	N = 67 Rec. = 2.0' T = 0917 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
			HS=0			29	
	39					38	
	40	BOB at 40'				44	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-02
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1230937.16 E: 810205.08
9.SURFACE ELEVATION	4270.98 Feet Above MSL
10.DATE STARTED	4-30-98
11.DATE COMPLETED	4-30-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	40' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs		NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE 1" = 250' approx.

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-E SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		gravelly silt (ML) with asphalt and concrete rubble	Background HS=0			4	Fill
		silt (ML), stiff, moist, red, trace fine sand, and clay			CAE-SB02 -002 & QA split	8	Ogallala Fm. N = 16 Rec. = 2.0' T = 1011 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals & Duplicate
	1		HS=0			8	
						9	QA split
	2						CAE-SB02-302
	3				CAE-SB02 -005 & Duplicate	8	N = 18 Rec. = 2.0' T = 1020 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						5	
	4		HS=0			13	
						21	Duplicate
	5						CAE-SB02-205
	6						
	7	silt (ML), hard, slightly moist, light red, sand moderate to heavy cementation (caliche)					
	8	becomes darker red, sand content increasing less cementation, sandy silt (ML), stiff, moist, red, ~30% fine sand, slight cementation			CAE-SB02 -010	6	N = 21 Rec. = 2.0' T = 1035 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						11	
	9		HS=0			10	
	10					10	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		sandy silt (ML), stiff, moist, red, ~30% fine sand, slight cementration					Ogallala Fm.
	11						
	12	silt (ML), hard, slightly moist, light red to tan, heavily cemented, limestone fragments (caliche)					drilling becomes harder; from cuttings
	13						
	14						
	15						
	16						
	17						
	18	limestone stringers			CAE-SB02 -020	42	N = 82+ Rec. = 1.0' T = 1051 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
			HS=0			32	
	19					50+	
	20						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red to tan, heavily cemented, limestone fragments and stringers (caliche)					Ogallala Fm.
	21						
	22						
	23						
	24						
	25						
	26						
	27						
	28				CAE-SB02 -030	20	N = 56+ Rec. = 0.5' T = 1115 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		limestone stringer same as above	HS=0			56+	
	29						
	30						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-02

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red to tan, heavily cemented, limestone fragments and stringers (caliche)					Ogallala Fm.
	31						
	32						
	33	silty sand (SM), dense, slightly moist, light red to tan, moderate cementation few cemented sand nodules					from cuttings
	34						
	35						
	36						
	37						
	38				CAE-SB02 -040	35	N = 42 Rec. = 2.0' T = 1130 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
			HS=0			22	
	39					21	
	40	BOB at 40'				19	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-02

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT: Omaha District		HOLE NUMBER: SB-03
1.COMPANY NAME: Woodward-Clyde	2.DRILL SUBCONTRACTOR: Southwest Engineering	SHEET 1 OF SHEETS 6
3.PROJECT: CERCLA SIs at AOCS-E, F, G, & H	4.LOCATION: Cannon AFB, NM	
5.NAME OF DRILLER: Alex Sanchez	6.MANUFACTURER'S DESIGNATION OF DRILL: CME 85	
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 4¼" ID HSA; 3" OD stainless steel split-spoons	8.HOLE LOCATION: N: 1231227.70 E: 810198.15	
	9.SURFACE ELEVATION: 4271.68 Feet Above MSL	
	10.DATE STARTED: 4-30-98	11.DATE COMPLETED: 4-30-98
12.OVERBURDEN THICKNESS: NA	15.DEPTH GROUNDWATER ENCOUNTERED: NA	
13.DEPTH DRILLED INTO ROCK: NA	16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14.TOTAL DEPTH OF HOLE: 39.3' bgs	17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs		RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE 1" = 250'

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-E SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		clayey silt (ML), soft, moist, red, roots, trace fine sand	Background HS=0		CAE-SB03 -002	1	Ogallala Fm. N = 9 Rec. = 2.0' T = 1258 1 x 2oz glass 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						3	
	1		HS=0			6	
						6	
	2						
	3	decreasing clay content			CAE-SB03 -005	3	N = 10 Rec. = 2.0' T = 1307 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						5	
	4		HS=0			5	
						6	
	5						
	6						
	7						
	8	same as above with light brown & red mottling, light cementation, med. stiff			CAE-SB03 -010	7	N = 18 Rec. = 2.0' T = 1313 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						2	
	9		HS=0			16	
						15	
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), very stiff, moist, red-light red mottling, some cemented nodules					Ogallala Fm.
	11						
	12						
	13						
	14	silt (ML), very stiff, slightly moist, light brown, moderate to heavy cementation, caliche nodules, trace fine sand (caliche)					from cuttings
	15						
	16						
	17						
	18	limestone fragments	HS=0		CAE-SB03 -020	4	N = 17 Rec. = 2.0' T = 1326 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	19					9	
						8	
	20					12	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), very stiff, slightly moist, light reddish - brown, moderate to heavy cementation, trace fine sand, cemented nodules (caliche)					Ogallala Fm.
	21						
	22						
	23						
	24						Drilling becoming harder
	25						
	26	limestone stringer					Loud rig chatter
	27						
	28	increasing sand content			CAE-SB03 -030	50+	N = 50+ Rec. = 0.4' T = 1338 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	29		HS=0				
	30						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), very stiff, slightly moist, light reddish-brown, moderate to heavy cementation, trace fine sand, cemented nodules (caliche)					Ogallala Fm.
	31						
	32						
	33						
	34						
	35	silty sand (SM), dense, dry, light brown, fine-grained, heavy cementation					
	36						
	37						
	38				CAE-SB03 -040	5	N = 83+ Rec. = 0.7' T = 1355 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
			HS=0			23	
	39					50+	
		BOB at 39.3'					
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-04
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1231532.47 E: 810185.92
9.SURFACE ELEVATION	4272.72 Feet Above MSL
10.DATE STARTED	4-30-98
11.DATE COMPLETED	4-30-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	39.3' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs		NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE 1" = 250' approx.

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-E SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silty, gravelly clay (CL), soft, moist, low plastic, brown, asphalt, concrete	Background HS=0			3	Ogallala Fm.
		silt (ML), stiff, moist, red, trace clay, low plastic, few roots, trace sand			CAE-SB04 -002	4	N = 9 Rec. = 2.0' T = 1501 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	1		HS=0			5	
						4	
	2						
	3				CAE-SB04 -005	4	N = 16 Rec. = 1.9' T = 1513 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		few small caliche nodules				6	
	4		HS=0			10	
		silt (ML), very stiff, slightly moist, light red, heavily cemented, caliche nodules, trace clay				15	
	5						
	6						
	7						
		light red-tan mottling (caliche)					
	8				CAE-SB04 -010	4	N = 26 Rec. = 2.0' T = 1520 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						6	
	9		HS=0			20	
		limestone striger				25	
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-04

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), very stiff, slightly moist to dry, light red to tan, nodules, limestone stringers, heavily cemented					Ogallala Fm.
	11						
	12						
	13						
	14						
	15						
	16						
	17						
	18	heavily cemented (caliche)			CAE-SB04 -020	16	N = 50+ Rec. = 0.8' T = 1538 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
			HS=0			50+	
	19						
	20						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), very stiff, slightly moist to dry, light reddish-brown, heavily cemented, trace fine sand, few pieces limestone					Ogallala Fm.
	21						
	22						
	23						
	24						
	25						
	26						
	27						Drilled 1 foot after first interval and drove spoon 1 foot. Collected SVOCs, Pest../PCBs, metals from second spoon
	28				VOCs	75+	N = 75+ Rec. = 0.3' T = 1552 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		same as above	HS=0				
	29						
	30				SVOCs, Pest./PCBs metals	52	N = 88 Rec. = 0.8'

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		thin sandy silt lense				36	Ogallala Fm.
		cemented silt					CAE-SB04-030
	31	silt (ML), hard, slightly moist, red to very light red, trace of sand, sand stringer, heavily cemented, (caliche)					
	32						
	33	silty sand (SM), dense, slightly moist to dry, light red, moderately to heavily cemented, fine-grained					
	34						
	35						
	36						
	37						
	38	very dense mottled light tan and red			CAE-SB04 -040	19	N = 86+ Rec. = 1.3' T = 1616 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
			HS=0			36	
	39					50+	
		BOB AT 39.3'					
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-05
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1231763.38 E: 810181.15
9.SURFACE ELEVATION	4270.96 Feet Above MSL
10.DATE STARTED	5-01-98
11.DATE COMPLETED	5-01-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	38.4' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs		NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE 1" = 250' approx.

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-E SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red, trace fine sand, few roots, white mineralization in root traces	Background HS=0		CAE-SB05 -002 & QA split	3	Ogallala Fm. N = 11 Rec. = 1.8' T = 0749 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	1					5	
			HS=0			6	
						8	QA split
	2						CAE-SB05-302
	3	caliche nodules changing to lighter red			CAE-SB05 -005 & Duplicate	1	N = 41 Rec. = 2.0' T = 0759 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						18	
	4		HS=0			23	
						26	Duplicate
	5						CAE-SB05-205 T = 0700
	6						
	7						
	8				CAE-SB05 -010	24	N = 94+ Rec. = 1.0' T = 0807 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		slit (ML), hard, slightly moist, light red to tan, heavily cemented (caliche) trace fine sand				44	
	9		HS=0			50+	
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-05

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red to tan, heavily cemented (caliche)					Ogallala Fm.
	11						
	12						
	13						
	14						
	15						
	16						
	17	becoming more red					
	18	only moderate to light cementation			CAE-SB05 -020	16	N = 26 Rec. = 1.6' T = 0819 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
			HS=0			9	
	19					17	
	20					23	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, moist, red, trace fine sand, light to moderate cementation					Ogallala Fm.
	21	cementation increasing, light red					
		limestone stringers					
	22						
	23	silt (ML), extremely hard, moist, light red, trace fine sand, caliche nodule fragments, heavily cemented (caliche)					Drilling becomes much harder
	24						
	25						
	26						
	27						
	28				CAE-SB05 -030	50+	N = 50+ Rec. = 0.4' T = 0836 1 x 2oz glass 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		large cemented nodules	HS=0				
	29						
	30						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	SHEET	SHEETS
SB-05	5 OF	6

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red-tan, trace fine sand, heavily cemented, (caliche)					Ogallala Fm.
	31						
	32	sand content increasing					
	33						
	34	silty sand (SM) dense, moist, light red, heavily cemented, fine grained					from cuttings
	35						
	36						
	37						
	38		HS=0		CAE-SB05 -040	50+	N = 50+ Rec. = 0.4' T = 0853
		BOB AT 38.4'					1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	39						
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT: Omaha District		HOLE NUMBER: SB-06
1.COMPANY NAME: Woodward-Clyde	2.DRILL SUBCONTRACTOR: Southwest Engineering	SHEET 1 OF SHEETS 6
3.PROJECT: CERCLA SIs at AOCS-E, F, G, & H	4.LOCATION: Cannon AFB, NM	
5.NAME OF DRILLER: Alex Sanchez	6.MANUFACTURER'S DESIGNATION OF DRILL: CME 85	
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 4¼" ID HSA; 3" OD stainless steel split-spoons	8.HOLE LOCATION: N: 1231694.05 E: 810023.56	
	9.SURFACE ELEVATION: 4271.06 Feet Above MSL	
	10.DATE STARTED: 5-01-98	11.DATE COMPLETED: 5-01-98
12.OVERBURDEN THICKNESS: NA	15.DEPTH GROUNDWATER ENCOUNTERED: NA	
13.DEPTH DRILLED INTO ROCK: NA	16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14.TOTAL DEPTH OF HOLE: 40' bgs	17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs		RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE 1" = 250' approx.

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-E SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

SHEET 2 OF 6 SHEETS

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), med. stiff, moist, red to dark brown, numerous roots, trace fine sand	Background HS=0		CAE-SB06 -002 & Duplicate	1	Ogallala Fm. N = 8 Rec. = 2.0' T = 0920 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
			HS=0			4	
	1					4	
						3	Duplicate CAE-SB06-202
	2						
	3				CAE-SB06 -005 & QA split	4	N = 18 Rec. = 2.0' T = 0930 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						7	
	4		HS=0			11	
						12	QA split CAE-SB06-305
	5						
	6	increasing clay content					
	7						
	8	low plastic clayey silt			CAE-SB06 -010	6	N = 13 Rec. = 2.0' T = 0939 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		caliche zone				6	
	9		HS=0			7	
	10					10	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red to light red, trace fine sand, limestone stringers, moderate cementation					Ogallala Fm.
	11						
	12						
	13						
	14						
	15						
	16						
	17	sand content increasing					
	18				CAE-SB06 -020	7	N = 28 Rec. = 2.0' T = 0950 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		sandy silt (ML), stiff, moist, red, ~40% sand	HS=0			9	
	19	caliche nodules				19	
	20	silt (ML), hard, slightly moist, light red, some fine sand, heavily cemented				19	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, red to light red, trace fine sand, heavily cementation					Ogallala Fm.
	21						
							Drilling becoming much harder loud rig chatter and auger grind
	22						
		extreme cenmentation					
	23						very hard drilling
	24						
	25						
	26						very hard drilling feel ground vibrations
	27						
	28						
		higher sand content			CAE-SB06 -030	26	N = 50+ Rec. = 0.8' T = 1005 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
			HS=0			50+	
	29						
	30						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, fine sand, heavily cemented (caliche)					Ogallala Fm. extremely hard drilling
	31						
	32	increasing sand content					
	33						
	34						
	35						
	36						
	37	silty sand (SM) med. dense, moist, red, fine-grained, only slight cementation					drilling suddenly becomes much easier
	38		HS=0		CAE-SB06 -040	7	N = 19 Rec. = 1.6' T = 1024 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	39					6 13	
	40	BOB AT 40'				15	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

SHEET 6 OF 6

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT: Omaha District		HOLE NUMBER: SB-07
1.COMPANY NAME: Woodward-Clyde	2.DRILL SUBCONTRACTOR: Southwest Engineering	SHEET 1 OF SHEETS 6
3.PROJECT: CERCLA SIs at AOCS-E, F, G, & H	4.LOCATION: Cannon AFB, NM	
5.NAME OF DRILLER: Alex Sanchez	6.MANUFACTURER'S DESIGNATION OF DRILL: CME 85	
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 4¼" ID HSA; 3" OD stainless steel split-spoons	8.HOLE LOCATION: N: 1231415.29 E: 810029.16	
	9.SURFACE ELEVATION: 4271.91 Feet Above MSL	
	10.DATE STARTED: 5-01-98	11.DATE COMPLETED: 5-01-98
12.OVERBURDEN THICKNESS: NA	15.DEPTH GROUNDWATER ENCOUNTERED: NA	
13.DEPTH DRILLED INTO ROCK: NA	16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14.TOTAL DEPTH OF HOLE: 43.7' bgs	17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs		NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE 1" = 250' approx.

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-E SB-07

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-07

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		concrete and asphalt rubble	Background HS=0			6	Fill N = 24 Rec. = 2.0' No sample
	1					10	
						14	
	2					10	will offset sampling interval to start at debris/soil interface
	3				CAE-SB07 -005	13	
		silt (ML), very stiff, moist, red, trace fine sand, root traces (mineralized)				16	Ogallala Fm. N = 27 Rec. = 1.8' T = 1100 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	4		HS=0			13	
		few caliche nodules				16	
	5						
	6						moved sampling interval due to configuration of auto hammer
	7	slight increase in sand content					
	8				CAE-SB07 -010	6	N = 21 Rec. = 2.0' T = 1110 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		some caliche nodules				10	
	9		HS=0			11	
	10					10	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-07

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-07

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), med. stiff, slightly moist, red to light red mottling, moderate cementation, caliche nodules					Ogallala Fm.
	11						
	12						
	13				CAE-SB07 -015	7	N = 15 Rec. = 2.0' T = 1121 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						7	
	14		HS=0			8	
						8	
	15						
	16						
	17						
	18	heavily cemented (caliche)					Drilling becomes very hard
	19						
	20						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-07

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-07

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red to tan, heavily cemented (caliche)					Ogallala Fm.
	21						
							extremely hard drilling
	22						
	23				CAE-SB07 -025	19	N = 50+ Rec. = 0.7' T = 1136 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		heavily cemented (caliche)					
			HS=0			50+	
	24						
	25						
	26						
	27						
	28						
	29	same as above					
	30						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-07

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-07

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red to tan, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
							extremely hard drilling
	31						
	32						
	33				CAE-SB07 -035	16	N = 76 Rec. = 1.7' T = 1155 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		silty sand (SM), dense, slightly moist, red and light tan mottling, some cemented sand nodules	HS=0			29	
	34					46	
						37	
	35						drilling easier
	36						
	37						
	38						
	39						
	40	same as above					from cuttings

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-07

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-07

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silty sand (SM), dense, slightly moist, red and light tan mottling, some cemented sand nodules, fine-grained					Ogallala Fm.
	41						
	42						
	43		HS=0		CAE-SB07 -045	35	N = 50+ Rec. = 0.4' T = 1227 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs
						50+	1 x 8 oz TAL metals
	44	BOB at 43.7'					HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	45						
	46						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-07

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-08
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1231095.35 E: 810035.94
9.SURFACE ELEVATION	4271.92 Feet Above MSL
10.DATE STARTED	5-01-98
11.DATE COMPLETED	5-01-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	44' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs		NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE 1" = 250' approx.

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-E SB-08

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-08

SHEET 2 OF 6

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		concrete and asplalt rubble	Background HS=0			13	No sample fill
						16	
	1					17	
						18	moved sampling interval to debris/soil interface
	2						
	3					12	
		silt (ML), stiff, moist, red, trace fine sand, mineralized, root traces, few lightly cemented nodules	HS=0		CAE-SB08 -005	8	Ogallala Fm. N = 14 Rec. = 2.0' T = 1404 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	4					6	
						8	
	5						offset interval due to auto hammer configuration
	6						
	7						slightly harder drilling
		silt (ML), hard, moist, light red to tan mottling, moderately cemented, caliche nodules					
	8				CAE-SB08 -010	6	N = 33 Rec. = 1.4' T = 1414 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
			HS=0			15	
	9					18	
						16	
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-08

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-08

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, moist, light red, trace fine sand, moderately cemented					Ogallala Fm.
	11						
	12						
	13				CAE-SB08 -015	9	N = 26 Rec. = 2.0' T = 1425 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
		cementation increasing				12	
	14		HS=0			14	
						17	
	15						
	16	gravel-size caliche nodules					Drilling becoming much harder
	17						
	18						
	19						
	20						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-08

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-08

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	21						
	22						
	23				VOCs	50+	N = 50+ Rec. = 0.3' T = 1440 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	24						
	25		HS=0		SVOCs, Pest./PCBs, metals	50+	N = 50+ Rec. = 0.4' collected VOCs, from 23-23.3' and SVOCs, metals, and Pest./PCBs from 25-25.4' due to poor recoveries CAE-SB08-025
	26						
	27						
	28						
	29	same as above					
	30						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-08

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-08

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red to tan, trace fine sand, heavily cemented caliche					Ogallala Fm.
	31						
	32						
	33				VOCs	50+	N = 50+ Rec. = 0.3' T = 1458 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
	34		HS=0				
	35				SVOCs, Pest./PCBs, metals	70	CAE-SB08-035 N = 70 Rec. = 0.4' not enough sample on first spoon so drilled down to 25' and tried second spoon. Drilling much easier at 36'
	36	silty sand (SM), dense, moist, red, fine-grained, only light cementation, with few harder nodules					
	37						
	38						
	39						
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-08

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-08

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silty sand (SM), dense, moist, red, fine-grained, only light cementation with few harder nodules					Ogallala Fm.
	41						
	42						
	43		HS=0		CAE-SB08 -045	38	N = 70 Rec. = 0.7' T = 1523 1 x 2oz 8260A VOCs 1 x 8 oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals
						70	
	44	BOB at 44.0'					

HS = Headspace
N = Number of blows
Rec. = Recovery in feet
T = Time
oz = Ounce
BOB = Bottom of Boring
NA = Not Applicable
bgs = Below Ground Surface

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-E SB-08

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT: Omaha District		HOLE NUMBER: SB-01
1.COMPANY NAME: Woodward-Clyde	2.DRILL SUBCONTRACTOR: Southwest Engineering	SHEET 1 OF SHEETS 6
3.PROJECT: CERCLA SIs at AOCS-E, F, G, & H	4.LOCATION: Cannon AFB, NM	
5.NAME OF DRILLER: Alex Sanchez	6.MANUFACTURER'S DESIGNATION OF DRILL: CME 85	
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 4¼" ID HSA; 3" OD stainless steel split-spoons	8.HOLE LOCATION: N: 1240105.70 E: 801906.83	
	9.SURFACE ELEVATION: 4316.69 Feet Above MSL	
	10.DATE STARTED: 5-03-98	11.DATE COMPLETED: 5-03-98
12.OVERBURDEN THICKNESS: NA	15.DEPTH GROUNDWATER ENCOUNTERED: NA	
13.DEPTH DRILLED INTO ROCK: NA	16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14.TOTAL DEPTH OF HOLE: 40' bgs	17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red, trace fine sand, few roots	Background HS=0		CAG-SB01 -002 & Dup.	4	Ogallala Fm. N = 8 2.0. = 1.7' T = 0948 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			4	
	1					4	
						4	Duplicate CAG-SB51-202
	2						
	3				CAG-SB01 -005 & QA split	8	N = 13 2.0. = 2.0' T = 0957 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
		becoming light red, mottled, very lightly cemented nodules				7	
	4		HS=0			6	
						9	QA split CAG-SB01-305
	5						
	6						
	7						
	8				CAG-SB01 -010	6	N = 37 Rec. = 1.8' T = 1008 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		cementation increasing				14	
			HS=0			23	
	9					22	
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-01

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), very stiff, slightly moist, light red, trace fine sand, moderate to light cementation					Ogallala Fm.
	11						
	12						
	13						
		cementation increasing					Drilling becoming much harder
	14						
	15						
	16						
	17						
	18				CAG-SB01 -020	9	N = 47 Rec. = 2.0' T = 1020 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)	HS=0			22	
	19					25	
	20					32	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					drilling hard Ogallala Fm.
	21						
	22						
	23						
	24						
	25						
	26						
	27						
	28	same as above			CAG-SB01 -030	30	N = 58 Rec. = 1.0' T = 1032 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						58	
	29		HS=0				
	30	(caliche)					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					drilling hard Ogallala Fm.
	31						
	32						
	33						
	34						
	35						
	36						
	37						
	38				CAG-SB01 -040	48	N = 88 Rec. = 1.4' T = 1100 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		(caliche)				53	
	39	silty sand (SM), dense, slightly moist, light red, moderately cemented				25	
	40	BOB at 40'				34	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	PROJECT	INSPECTOR	SHEET	SHEETS
SB-01	CERCLA SIs at AOCS-E, F, G, & H	Michael M. Sonderman	6	6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-01

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-02
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1240063.95 E: 801813.44
9.SURFACE ELEVATION	4317.90 Feet Above MSL
10.DATE STARTED	5-03-98
11.DATE COMPLETED	5-03-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	40' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

SHEET 2 OF 6

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red, trace fine sand and clay, numerous roots	Background HS=0		CAG-SB02 -002 & QA split	2	Ogallala Fm. N = 11 2.0. = 1.9' T = 1304 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			5	
	1					6	
						5	QA split CAG-SB02-302
	2						
	3				CAG-SB02 -005 & Duplicate	7	N = 29 Rec. = 1.8' T = 1318 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
		becoming moderately cemented, light red, red mottled				14	
	4		HS=0			15	
						16	Duplicate CAG-SB52-202
	5						
	6						Augers started screeching could not advance augers, offset 4 feet caliche?
	7						
	8				CAG-SB02 -010	19	N = 92+ Rec. = 1.2' T = 1332 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		silt (ML), hard, slightly moist, light red-tan, trace fine sand, heavily cemented	HS=0			42	
	9					50+	
	10	(caliche)					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red- tan, trace fine sand, heavily cemented (caliche)					drilling hard Ogallala Fm.
	21						
	22						
	23						
	24						
	25						
	26						
	27						Poor recovery, tried 2 spoons could only get enought soil for 1 x 2oz jar and 1 x 8oz jar. Will submit for all analyes with limited sample CAG-SB02-020
	28				VOCs & GRO	50+	N = 100+ Rec. = 0.5' total T = 1350 1 x 2oz 8260A VOCs & GRO 1 x 8oz SVOCs, metals, Pest./PCBs, Herbs, & DRO
	29	same as above	no HS due to limited sample		SVOCs, metals Pest./PCBs, DRO, Herbs	100+	
	30	(caliche)					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					drilling hard Ogallala Fm.
	21						
	22						
	23						
	24						
	25						Drove 2 spoons, collected VOCs & GRO from 28 - 28.6'. Collected remaining parameters from 29-29.7'
	26						
	27						CAG-SB02-030
	28				VOCs & GRO	29	N = 152 Rec. = 1.2' total T = 1408
			no HS due to limited sample			50+	1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs 1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
	29	same as above			SVOCs, metals Pest./PCBs, DRO, Herbs	23	
						50+	
	30	(caliche)					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-02

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					drilling hard Ogallala Fm.
	31						
	32						
	33						
	34						
	35						
		sand content increasing					from cuttings
	36						
	37						
	38				CAG-SB02 -040	48	N = 99 Rec. = 2.0' T = 1434 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			70	
	39	(caliche)					
		silty sand (SM), dense, moist, light red, light cementation, fine-grained				29	
	40	BOB at 40'				23	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-03
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 of 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1239840.93 E: 801930.01
9.SURFACE ELEVATION	4317.55 Feet Above MSL
10.DATE STARTED	5-04-98
11.DATE COMPLETED	5-04-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	40.1' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		asphalt	Background HS=0			4	Fill
		gravel (fill)				5	
	1	silt (ML), stiff, moist, red, trace fine sand	HS=0		CAG-SB03 -003 & MS/MSD	6	Ogallala Fm. N = 19 2.0. = 2.0' T = 0752 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						7	
	2					12	
		becoming light red				12	MS/MSD CAG-SB03-103
	3						
	4				CAG-SB03 -006	6	N = 13 Rec. = 2.0' T = 0802 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
						7	
	5		HS=0			6	
						5	
	6						
	7						
	8						
	9	same as above			CAG-SB03 -011	6	N = 13 Rec. = 1.8' T = 0815
	10		HS=0			6	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-03

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red to light red, very lightly cemented nodules				7	1 x 2oz 8260A VOCs 1 x 2oz GRO 1x 8ox 8270 SVOCs & Peste/PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
						7	
	11						Ogallala Fm.
	12						
		becomes lighter					drilling becoming hard
	13	silt (ML), hard, slightly moist, light red to red, trace fine sand, moderate to heavy cementation (caliche)					
	14						
	15						
	16						
	17						
	18						
	19	heavily cemented (caliche)	HS = 0		CAG-SB03 -021	23	N = 50+ Rec. = 0.5' T = 0821
	20					50+	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)				24	N = 50+ Rec. = 0.7' 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs 1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
						50+	
	21						Ogallala Fm.
	22						
	23						
	24						
	25						
	26						
	27						
	28						
	29				CAG-SB03 -031	9	N = 41' Rec. = 2.0 T = 0846
			HS=0			18	
	30	(caliche)					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)				20	1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		silty sand (SM), dense, moist, red, fine-grained				21	
	31						Ogallala Fm.
	32						
	33						
	34						
	35						
	36						
	37						
	38						
	39	heavily cemented silty sand	Not enough recovery for headspace sample		CAG-SB03-041	7	drilling becoming harder N = 83+ Rec. = 1.1' T = 0901
	40					33	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		BOB at 40.1'				50+	Ogallala Fm. 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
	41						
	42						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-04
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1239810.37 E: 801818.45
9.SURFACE ELEVATION	4318.86 Feet Above MSL
10.DATE STARTED	5-04-98
11.DATE COMPLETED	5-04-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	39.8' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red to brown, gravel, piece of asphalt (fill)	Background HS=0			7	Fill
						7	
	1	silt (ML), stiff, moist, red, trace fine sand			CAG-SB04-003 & QAsplit	6	Ogallala Fm. N = 13 Rec. = 2.0' T = 0934 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			6	
	2					7	
						7	QA split
	3						CAG-SB04-303
	4				CAG-SB04-006 & Duplicate	9	N = 17 Rec. = 2.0' T = 0945 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
						8	
	5	becoming light red with light to moderate cementation	HS=0			9	
						10	Duplicate
	6						CAG-SB54-206
	7						
	8						
	9				CAG-SB04-011	9	N = 17 Rec. = 2.0' T = 1003
			HS=0			8	
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-04

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, light red, trace fine sand, moderately cemented				9	1 x 2oz 8260A VOCs 1 x 2oz GRO 1x 8oz 8270 SVOCs & Pest./PCBs
						10	1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
	11						Ogallala Fm.
	12	silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					drilling becoming much harder
	13						
	14						
	15						drillers stopped to replace teeth on auger bit
	16						
	17						
	18						
	19		HS=0		CAG-SB04-021	6	N = 13 Rec. = 1.5' T = 1025
	20	(caliche)				8	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)				5	1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs 1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
						15	
	21						Ogallala Fm.
	22						hard drilling
	23						
	24						
	25						
	26	sand content increasing					
	27						
	28	silty sand (SM), dense, moist, light red, fine-grained, heavily cemented nodules					from cuttings
	29				CAG-SB04 -031	17	N = 83+ Rec. = 1.2' T = 1038
			HS=0			33	
	30						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-04

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silty sand (SM), dense, moist, light red, fine-grained, heavily cemented				50+	1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO Ogallala Fm.
	31						
	32						
	33						
	34						
	35						
	36						
	37						
	38						Drove first spoon collected VOCs & GRO from 39 to 39.3'. Drove second spoon and collected remaining parameters.
	39	same as above	No HS sample due to poor recovery		VOCs & GRO	50+	N = 100+ Rec. = 0.3' T = 1050
				DRO & GRO	SVOCs, Pest./PCBs, metals, Herbs	50+	Rec. = 0.3'
	40	BOB at 39.8'					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	PROJECT	INSPECTOR	SHEET	SHEETS
SB-04	CERCLA SIs at AOCS-E, F, G, & H	Michael M. Sonderman	6	6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
	42						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G.SB-04

HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-05
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1239726.79 E: 801614.13
9.SURFACE ELEVATION	4320.57 Feet Above MSL
10.DATE STARTED	5-04-98
11.DATE COMPLETED	5-04-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	39.5' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red, trace fine sand, few roots	Background HS=0		CAG-SB05 -002 & Duplicate	4	Ogallala Fm. N = 8 Rec. = 1.6' T = 1349 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			4	
	1					4	
						3	Duplicate CAG-SB55-202
	2	becoming lighter red					
	3				CAG-SB05 -005 & QA split	6	N = 25 Rec. = 2.0' T = 1358 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						13	
	4		HS=0			12	
						16	QA split CAG-SB05-305
	5						
	6						
	7						
	8	slight cementation			CAG-SB05 -010	3	N = 12 Rec. = 2.0' T = 1408 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
						6	
	9		HS=0			6	
						5	
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-05

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red, trace fine sand, moderate to light cementation					Ogallala Fm.
	11						
	12						
							drilling getting much harder
	13	silt (ML), hard, slightly moist, light red-tan, trace fine sand, heavily cemented (caliche)					
	14						
	15						
	16						
							Drove 2 spoons collected VOCs & GRO from 18-18.3'. Collected remaining parameters from 19-19.4'.
	17						
	18				VOCs & GRO	9	N = 100+ Rec. = 0.3' T = 1416
			HS=0			50+	1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs
	19				SVOCs, metals Pest./PCBs, Herbs, DRO	50+	1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO CAG-SB05-020
	20	(caliche)					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red to tan, trace fine sand, heavily cemented (caliche)					hard drilling Ogallala Fm.
	21						
	22						
	23						
	24						
	25						
	26						
	27						
	28				CAG-SB05 -030	50+	N = 100+ Rec. = 2.0' T = 1435
		sand content increasing	HS=0			50+	1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs
	29					50+	1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
	30					50+	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-05

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red to tan, some fine-grained sand, heavily cemented (caliche)					Ogallala Fm.
	31	silty sand (SM), dense, moist, light red, fine-grained, moderately cemented					
	32						
	33						
	34						
	35						drilling harder
	36						
	37						
	38	heavily cemented silty sand	HS=0		CAG-SB05 -040	26	N = 83+ Rec. = 1.5' T = 1451 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
	39					23	
						60+	
	40	BOB at 39.5'					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	SHEET	SHEETS
SB-05	6	6

PROJECT	INSPECTOR
CERCLA SIs at AOCS-E, F, G, & H	Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-05

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-06
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1239793.56 E: 801380.54
9.SURFACE ELEVATION	4321.31 Feet Above MSL
10.DATE STARTED	5-04-98
11.DATE COMPLETED	5-04-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	39.2' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, dry, red, trace fine sand, few roots	Background HS=0	,	CAG-SB06 -002 & QA split	8	Ogallala Fm. N = 13 Rec. = 2.0' T = 1517 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			6	
	1					7	
						7	QA split
	2						CAG-SB06-302
	3				CAG-SB06 -005 & Duplicate	8	N = 44 Rec. = 2.0' T = 1530 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						13	
	4		HS=0			21	
						20	Duplicate
	5						CAG-SB56-205
	6						
	7						
	8	moderate to heavy cementation			CAG-SB06 -010	15	N = 70 Rec. = 1.8' T = 1540 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			30	
	9					40	
	10					30	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-06

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red trace fine sand, heavily cemented (caliche)					drilling becoming harder Ogallala Fm.
	11						
	12						
	13						
	14						
	15						
	16	increasing sand content					
	17	silty sand (SM), dense, slightly moist, red, fine-grained, moderately cemented					from cuttings
	18		HS=0		CAG-SB06 -020	13	N = 25 Rec. = 2.0' T = 1630 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						12	
	19					13	
						15	
	20						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silty sand (SM), dense, slightly moist, red, fine-grained					Ogallala Fm.
	21						
	22						
	23	heavily cemented large nodules					drilling harder
	24						
	25						
	26						Poor recovery. Drove first spoon 1.2'. Too much cemented material for complete sample drove second spoon from 29.5' to 30.5' to get more sample material
	27						
							CAG-SB06-030
	28				VOCs & GRO	30	N = 102 Rec. = 1.0' & 0.8' T = 1640 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs 1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
		same as above	HS=0			30	
	29					72	
					SVOCs, metals, Pest./PCBs, Herbs, DRO	28	
	30						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silty sand (SM), very dense, slightly moist, red, fine-grained, heavily cemented (caliche)				35	hard drilling Ogallala Fm.
	31						
	32						
	33						
	34						
	35						
	36						
	37						
	38	same as above			CAG-SB06 -040	13	N = 93+ Rec. = 1.2' T = 1702 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						43	
	39		HS=0			50+	
		BOB at 39.2'					
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	SHEET	SHEETS
SB-06	6	6

PROJECT	INSPECTOR
CERCLA SIs at AOCS-E, F, G, & H	Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-06

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT: Omaha District		HOLE NUMBER: SB-07
1.COMPANY NAME: Woodward-Clyde	2.DRILL SUBCONTRACTOR: Southwest Engineering	SHEET 1 OF SHEETS 6
3.PROJECT: CERCLA SIs at AOCS-E, F, G, & H	4.LOCATION: Cannon AFB, NM	
5.NAME OF DRILLER: Alex Sanchez	6.MANUFACTURER'S DESIGNATION OF DRILL: CME 85	
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 4¼" ID HSA; 3" OD stainless steel split-spoons	8.HOLE LOCATION: N: 1239910.61 E: 801610.77	
	9.SURFACE ELEVATION: 4319.68 Feet Above MSL	
	10.DATE STARTED: 5-04-98	11.DATE COMPLETED: 5-04-98
12.OVERBURDEN THICKNESS: NA	15.DEPTH GROUNDWATER ENCOUNTERED: NA	
13.DEPTH DRILLED INTO ROCK: NA	16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14.TOTAL DEPTH OF HOLE: 39.2' bgs	17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-07

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-07

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red, trace fine sand, numerous roots	Background HS=0		CAG-SB07 -002	4	Ogallala Fm. N = 11 Rec. = 1.9' T = 1723 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
	1		HS=0			5	
						6	
						4	
	2						
	3				CAG-SB07 -005	5	N = 14 Rec. = 2.0' T = 1728 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						6	
	4		HS=0			8	
		abrupt change to light red-red mottling				8	
	5						
	6	cementation increasing					drilling becoming harder
	7	sandy clay (CL), soft, moist, light brown, med. plastic					
	8				CAG-SB07 -010	4	N = 8 Rec. = 1.2' T = 1735 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
			No HS due to low sample recovery			4	
	9	becoming low plastic, increasing silt				4	
						4	
	10	hard nodules in bottom of spoon					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-07

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-07

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		sandy silty clay (CL), stiff, moist, brown					drilling becoming extremely hard Ogallala Fm.
		clayey silt (ML), med, stiff, moist, brown, slightly plastic					
	11						
	12						
	13	limestone					
	14	sandy silt (ML), hard, dry, light brown, heavily cemented (caliche)					drilling becoming much easier
	15						
	16	limestone stringer					poor recovery, too much cemented material
	17						VOCs & GRO collected from 19' to 19.5' bgs. Used soil from both intervals for remaining parameters.
	18		No HS due to poor recovery			37	N = 100+ Rec. = 0.7' & 0.5' T = 1806 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						50+	
	19				VOCs & GRO	50+	
	20	(caliche)					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-07

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-07

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		sandy silt (ML), hard, dry, light brown, heavily cemented (caliche)					Ogallala Fm.
	21						
	22						
	23						
	24						extremely hard drilling
	25						
	26						
	27						drilling getting easier
	28				CAG-SB07 -030	6	N = 35 Rec. = 1.0' T = 1818 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs 1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
		same as above	No HS due to poor sample recovery			13	
	29					22	
	30	(caliche)				23	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-07

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-07

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		sandy silt (ML), hard, dry, light brown, heavily cemented (caliche)					hard drilling Ogallala Fm.
	31						
	32						
	33						
	34						
	35						
	36	(caliche) silty sand (SM), dense, moist, red, fine-grained, light cementation					easier drilling
	37						
	38		HS=0		CAG-SB07 -040	26	N = 90+ Rec. = 1.2' T = 1834 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
	39					40	
						50+	
		BOB at 39.2'					
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-07

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	PROJECT	INSPECTOR	SHEET	SHEETS
SB-07	CERCLA SIs at AOCS-E, F, G, & H	Michael M. Sonderman	6	6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-07

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-08
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1240095.84 E: 801419.10
9.SURFACE ELEVATION	4320.48 Feet Above MSL
10.DATE STARTED	5-05-98
11.DATE COMPLETED	5-05-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	39.0' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-G SB-08

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-08

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, dry, red, trace fine sand, few roots	Background HS=0		CAG-SB08 -002	5	Ogallala Fm. N = 14 Rec. = 1.6' T = 0741 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			7	
	1					7	
						4	
	2						
	3				CAG-SB08 -005	8	N = 23 Rec. = 2.0' T = 0749 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						8	
	4	becoming slightly cemented with light red mottling	HS=0			15	
						18	
	5						
		moderately cemented					drilling becoming harder; auger screech
	6						
	7						
		silt (ML), hard, slightly moist to dry, trace fine-grained sand, heavily cemented (caliche)					drilling harder yet
	8				CAG-SB08 -010	13	N = 58 Rec. = 2.0' T = 0758 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
						30	
	9	moderately cemented	HS=0			28	
						50+	
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-08

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-08

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist to dry, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	11						
	12						
	13						
	14						
	15						
	16						
		sand content increasing					drilling becomes easier
	17						
	18				CAG-SB08 -020	4	N = 10 Rec. = 2.0' T = 0812 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		light to moderate cementation					
						5	
	19		HS=0				
						5	
		cementation increasing					
	20	(caliche)				3	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-08

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-08

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	21						
	22	light gray sandy silt					from cuttings
		becomes red					
	23						
	24						
	25						
	26						
	27						Poor recover, mostly hard cemented material. Drove second spoon VOCs & GRO taken from 28 - 29.2'. Remaining soil and soil from second spoon used for rest of parameters.
	28				VOCS & GRO	17	CAG-SB08-030 N = 92+ & 67 Rec. = 1.2' T = 0823
			No HS due to poor sample recovery			42	1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs
	29	silty sand (SM), very dense, slightly moist, fine-grained, heavily cemented		SVOCS, metals, Pest./PCBs, Herbs, DRO		50+	1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
	30					67	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-08

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-08

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silty sand (SM), very dense, slightly moist, red, fine-grained, heavily cemented					Ogallala Fm.
	31						
	32						
	33						
	34						
	35						
	36						
	37						
	38	same as above	No HS due to low recovery		CAG-SB08 -040	17	N = 69 Rec. = 0.9' T = 0844 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		large cemented silty sand nodule				69	
	39	BOB at 39.0'					
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-08

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-08

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-G SB-08

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT: Omaha District		HOLE NUMBER: SB-01
1.COMPANY NAME: Woodward-Clyde	2.DRILL SUBCONTRACTOR: Southwest Engineering	SHEET 1 OF SHEETS 6
3.PROJECT: CERCLA SIs at AOCS-E, F, G, & H	4.LOCATION: Cannon AFB, NM	
5.NAME OF DRILLER: Alex Sanchez	6.MANUFACTURER'S DESIGNATION OF DRILL: CME 85	
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 4¼" ID HSA; 3" OD stainless steel split-spoons	8.HOLE LOCATION: N: 1238300.69 E: 800965.40	
	9.SURFACE ELEVATION: 4324.86 Feet Above MSL	
	10.DATE STARTED: 5-01-98	11.DATE COMPLETED: 5-01-98
12.OVERBURDEN THICKNESS: NA	15.DEPTH GROUNDWATER ENCOUNTERED: NA	
13.DEPTH DRILLED INTO ROCK: NA	16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14.TOTAL DEPTH OF HOLE: 39.3' bgs	17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-H SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), med. stiff, moist, red, ~15% clay, trace fine sand, numerous roots	Background HS=0		CAH-SB01 -002 & Duplicate	2	Ogallala Fm. N = 7 Rec. = 1.7' T = 1626 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
	1		HS=0			2	
						5	
						6	Duplicate CAH-SB51-202
	2						
	3				CAH-SB01 -005 & QA split	10	N = 23 Rec. = 2.0' T = 1634 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						12	
	4		HS=0			11	
		silt (ML), very stiff, moist to slightly moist, light red, heavily cemented (caliche)				12	QA split CAH-SB01-305
	5						
	6						
	7						
	8				CAH-SB01 -010	31	N = 25 Rec. = 2.0' T = 1645 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
						11	
	9		HS=0			14	
	10					12	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-01

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	11						
	12						drilling getting tougher
	13						
	14						
	15						
	16	sand content increasing					
	17						
	18	sand lense			CAH-SB01 -020	9	N = 88+ Rec. = 1.6' T = 1656 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		heavily cemented silt				38	
	19		HS=0			50+	
	20						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	21						
	22						drilling hard
	23						
	24						
	25						
	26						
	27						
	28				CAH-SB01 -030	15	N = 50+ Rec. = 0.7' T = 1720 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs 1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
		same as above	HS=0			50+	
	29						
	30						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-01

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	31						
	32						
	33						
		sand content increasing					
	34						
	35	silty sand (SM), dense, slightly moist, red, fine-grained, caliche nodules, moderately cemented					
	36						
	37						
	38				CAH-SB01 -040	38	N = 97+ Rec. = 1.1' T = 1735 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			47	
		cementation increasing					
	39					50+	
		BOB at 39.3'					
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	SHEET	SHEETS
SB-01	6	6

PROJECT	INSPECTOR
CERCLA SIs at AOCS-E, F, G, & H	Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-H SB-01

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-02
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1238503.41 E: 800731.37
9.SURFACE ELEVATION	4325.23 Feet Above MSL
10.DATE STARTED	5-02-98
11.DATE COMPLETED	5-02-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	38.9' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-H SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red, trace clay, roots	Background HS=0		CAH-SB02 -002 & QA split	2	Ogallala Fm. N = 8 Rec. = 1.8' T = 0750 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			3	
	1					5	
						4	QA split CAH-SB02-302
	2						
	3	changing to light red, very lightly cemented nodules, few roots			CAH-SB02 -005 & Duplicate	5	N = 16 Rec. = 2.0' T = 0803 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						7	
	4		HS=0			9	
						15	Duplicate CAH-SB52-205
	5						
	6						
	7						
	8				CAH-SB02 -010 & MS/MSD	6	N = 18 Rec. = 2.0' T = 0816 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
		cementation increasing				8	
	9		HS=0			10	
						14	MS/MSD CAH-SB02-110
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-02

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff to hard, slightly moist, light red to red, trace fine sand, moderate cementation					Ogallala Fm.
	11						
	12						
	13						
	14						
	15						
	16						
							drilling becoming harder
	17						
	18	hard			CAH-SB02 -020	22	N = 50+ Rec. = 0.9' T = 0833 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						50+	
	19		HS=0				
		caliche					
	20						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	21						
	22						
	23						
	24						
	25						
	26						
	27						
	28				CAH-SB02 -030	9	N = 50+ Rec. = 0.8' T = 0843
		same as above	HS=0			50+	1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs
	29						1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
	30	(caliche)					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-02

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-02

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	31						
	32						
	33						
		sand content increasing					
	34						
	35						
	36						
	37	silty sand (SM), dense, slightly moist, light red, fine-grained, moderately cemented					from cuttings
	38				CAH-SB02 -040	29	N = 50+ Rec. = 0.9' T = 0856 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		heavily cemented	HS=0			50+	
	39	BOB at 38.9'					
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	SHEET	SHEETS
SB-02	6	6

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT: Omaha District		HOLE NUMBER: SB-03
1.COMPANY NAME: Woodward-Clyde	2.DRILL SUBCONTRACTOR: Southwest Engineering	SHEET 1 OF SHEETS 6
3.PROJECT: CERCLA SIs at AOCS-E, F, G, & H	4.LOCATION: Cannon AFB, NM	
5.NAME OF DRILLER: Alex Sanchez	6.MANUFACTURER'S DESIGNATION OF DRILL: CME 85	
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 4¼" ID HSA; 3" OD stainless steel split-spoons	8.HOLE LOCATION: N: 1238432.57 E: 800959.04	
	9.SURFACE ELEVATION: 4324.86 Feet Above MSL	
	10.DATE STARTED: 5-02-98	11.DATE COMPLETED: 5-02-98
12.OVERBURDEN THICKNESS: NA	15.DEPTH GROUNDWATER ENCOUNTERED: NA	
13.DEPTH DRILLED INTO ROCK: NA	16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14.TOTAL DEPTH OF HOLE: 41.5' bgs	17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-H SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, dark reddish-brown, low plastis, trace clay	Background HS=0		CAH-SB03 -002	2	Ogallala Fm. N = 8 Rec. = 2.0' T = 0928 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			3	
	1					5	
		clay decreasing				4	
	2						
	3				CAH-SB03 -005	6	N = 24 Rec. = 2.0' T = 0935 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						12	
	4		HS=0			12	
		becoming lighter, lightly cemented				15	
	5						
	6						
	7	silt (ML), hard, light red, trace fine sand, heavily cemented (caliche)					drilling becomes much harder
	8				CAH-SB03 -010	12	N = 36 Rec. = 1.7' T = 0942 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
						18	
	9		HS=0			18	
	10					20	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	11						
	12						
		moderately cemented					drilling a little easier
	13						
	14						
	15						
	16						
	17						Poor recovery at 18-20'. Collected VOCs from 18-18.3'. Drilled to 20' collected SVOCs, metals, Pest./PCBs, Herbs
	18	heavily cemented			VOCs & GRO	50+	N = 50+ Rec. = 0.3' T = 0950 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
	19		HS=0				
	20						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)			SVOCS, metals, Pest./PCBs, Herbs, DRO		N = 50+ Rec. = 0.7' CAH-SB03-020 Ogallala Fm.
	21						
	22						
	23						loud rig chatter
	24						
	25						
	26						
	27						
	28	heavily cemented			CAH-SB03 -030	44	N = 50+ Rec. = 0.9' T = 1017 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs 1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
			HS=0			50+	
	29						
	30	caliche					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-03

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-03

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	31						
	32						
	33						
	34						
	35						
	36						
	37						Poor recovery, collected VOCs & GRO from 38'-38.5'. Ran second spoon at 38.7' - 39.5' not enough sample. Ran third spoon 2"
	38	heavily cemented	HS=0	Analytial 1st spoon	VOCs & GRO	32	N = 50+ Rec. = 0.5' T = 1032 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						50+	
	39			2nd spoon			
						50+	
				3rd spoon			
	40	caliche				24	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	PROJECT	INSPECTOR	SHEET	SHEETS
SB-03	CERCLA SIs at AOCS-E, F, G, & H	Michael M. Sonderman	6	6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented			3rd spoon	21	CAH-SB03-040 Ogallala Fm.
						25	
	41	silty sand (SM), dense, moist, red, fine-grained				14	
		BOB at 41.5'					HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						
	43						
	44						

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-H SB-03

HTRW DRILLING LOG

DISTRICT: Omaha District		HOLE NUMBER: SB-04
1.COMPANY NAME: Woodward-Clyde	2.DRILL SUBCONTRACTOR: Southwest Engineering	SHEET 1 OF SHEETS 6
3.PROJECT: CERCLA SIs at AOCS-E, F, G, & H	4.LOCATION: Cannon AFB, NM	
5.NAME OF DRILLER: Alex Sanchez	6.MANUFACTURER'S DESIGNATION OF DRILL: CME 85	
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 4¼" ID HSA; 3" OD stainless steel split-spoons	8.HOLE LOCATION: N: 1238877.00 E: 800722.86	
	9.SURFACE ELEVATION: 4326.66 Feet Above MSL	
	10.DATE STARTED: 5-02-98	11.DATE COMPLETED: 5-02-98
12.OVERBURDEN THICKNESS: NA	15.DEPTH GROUNDWATER ENCOUNTERED: NA	
13.DEPTH DRILLED INTO ROCK: NA	16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14.TOTAL DEPTH OF HOLE: 39.4' bgs	17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA%

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-H SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, red, low plastic, some clay, numerous roots	Background HS=0		CAH-SB04 -002 & Duplicate	2	Ogallala Fm. N = 9 Rec. = 2.0' T = 1203 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			5	
	1					4	
		clay content decreasing, trace fine sand				4	Duplicate CAH-SB04-202
	2						
	3				CAH-SB04 -005 & QA split	12	N = 19 Rec. = 2.0' T = 1214 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						9	
	4		HS=0			10	
		becoming light red, moderately cemented				12	QA split CAH-SB04-302
	5						
	6						
	7						
	8					16	N = 68+ Rec. = 1.4' T = 1225 1 x 2oz 8260A VOCs 1 x 2oz 8151 GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)				18	
	9		HS=0			50+	
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-04

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	11						
	12						
							drilling getting harder
	13						
	14						
	15						
	16						
	17						
	18	moderate to heavy cementation with numerous cemented nodules			CAH-SB04 -020	25	N = 26 Rec. = 1.6' T = 1242 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						14	
	19		HS=0			12	
	20					14	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, moderately to heavily cementation, cemented nodules (caliche)					Ogallala Fm.
	21						
	22						
	23						
	24						
	25						
	26						
	27						
	28	heavily cemented			CAH-SB04 -030	48	N = 50+ Rec. = 0.9' T = 1259 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8279 SVOCs & Pest./PCBs 1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
			HS=0			50+	
	29						
	30	caliche					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	31						
	32						
	33						
	34	sand content increasing					
	35						
	36						
	37						
	38	grading to a heavily cemented sandy (ML)	HS=0		CAH-SB04 -040	31	N = 83+ Rec. = 1.4' T = 1308 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
	39					33	
						50+	
		BOB at 39.4'					
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-04

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-05
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1238780.62 E: 800772.12
9.SURFACE ELEVATION	4325.78 Feet Above MSL
10.DATE STARTED	5-02-98
11.DATE COMPLETED	5-02-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	40' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA
18.GEOTECHNICAL SAMPLES	0
DISTURBED	
UNDISTURBED	
19.TOTAL NUMBER OF CORE BOXES	NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-H SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, low plastic, trace clay, few roots	Background HS=0		CAH-SB05 -002 & MS/MSD	4	Ogallala Fm. N = 12 Rec. = 1.8' T = 1334 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
			HS=0			5	
	1					7	
						7	MS/MSD CAH-SB05-102
	2	becoming lighter					
	3				CAH-SB05 -005	8	N = 18 Rec. = 2.0' T = 1342 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						8	
	4		HS=0			10	
		- slightly cemented nodules				12	
	5						
	6						
	7	silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					drilling much harder
	8				CAH-SB05 -010	44	N = 58 Rec. = 1.0' T = 1351 1 x 2oz 8260A VOCs 1 x 2oz 8151 GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
						58	
	9		HS=0				
	10						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	11						
	12						
	13						
	14	sand content increasing					
	15						
	16						
	17						
	18				CAH-SB05 -020	10	N = 88+ Rec. = 1.4' T = 1405 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						38	
	19		HS=0			50+	
		same as above					
	20	caliche					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 4 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	21						
	22						drilling much harder
	23						
	24						
	25						
	26						
	27						
	28		HS=0		CAH-SB05 -030	24 50+	N = 50+ Rec. = 0.9' T = 1417 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs 1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
	29	same as above					
	30						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-05

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-05

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist to dry, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	31						
	32						
	33						
	34						auger started screeching
	35						
	36						
	37						Poor recovery on first spoon. Drilled 1 foot and drove second spoon. Collected GRO & VOCs for 38.0 to 38.3'. Collected rest from 39 to 40' CAH-SB05-040
	38				VOCs & GRO	50+	N = 50+ Rec. = 0.3' T = 1432 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		becoming sandier	HS=0				
	39				SVOCs, metals, Pest./PCBs, Herbs, DRO	20	
	40	BOB at 40'				33	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER	PROJECT	INSPECTOR	SHEET	SHEETS
SB-05	CERCLA SIs at AOCS-E, F, G, & H	Michael M. Sonderman	6	6

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-H SB-05

HTRW DRILLING LOG

DISTRICT	Omaha District
HOLE NUMBER	SB-06
1.COMPANY NAME	Woodward-Clyde
2.DRILL SUBCONTRACTOR	Southwest Engineering
SHEET / SHEETS	1 OF 6
3.PROJECT	CERCLA SIs at AOCS-E, F, G, & H
4.LOCATION	Cannon AFB, NM
5.NAME OF DRILLER	Alex Sanchez
6.MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4¼" ID HSA 3" OD stainless steel split-spoons
8.HOLE LOCATION	N: 1238720.74 E: 800971.76
9.SURFACE ELEVATION	4324.56 Feet Above MSL
10.DATE STARTED	5-02-98
11.DATE COMPLETED	5-02-98
12.OVERBURDEN THICKNESS	NA
15.DEPTH GROUNDWATER ENCOUNTERED	NA
13.DEPTH DRILLED INTO ROCK	NA
16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	NA
14.TOTAL DEPTH OF HOLE	39.4' bgs
17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	NA

18.GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19.TOTAL NUMBER OF CORE BOXES
0			NA

20.SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE
8151 Herbicides 6	8260A	6010/7470	8270 SVOCs	8081 Pest./PCBs	8015 GRO/DRO	RECOVERY NA %

22.DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
grouted	cement/bentonite			Michael M. Sonderman

LOCATION SKETCH/COMMENTS

SCALE

PROJECT	HOLE NO.
CERCLA SIs at AOCs-E, F, G, & H	AOC-H SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 2 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), stiff, moist, dark red, trace fine, numerous roots	Background HS=0		CAH-SB06 -002	2	Ogallala Fm. N = 11 Rec. = 1.7' T = 1526 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
	1		HS=0			4	
						7	
						8	
	2						
	3				CAH-SB06 -005	4	N = 14 Rec. = 2.0' T = 1535 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						6	
	4		HS=0			8	
		becoming light red and brown mottling, slight cementation				8	
	5						
	6						
	7						
	8				CAH-SB06 -010	4	N = 13 Rec. = 2.0' T = 1543 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8 oz TAL metals 1 x 8oz 8151 Herbs & DRO
						6	
	9		HS=0			7	
	10					6	

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-06

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 3 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, red to light red, trace fine sand					Ogallala Fm.
	11						
	12						
		becoming more cemented					from cutting
	13						
	14	silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					drilling getting harder
	15						
	16						
	17						
	18				CAH-SB06 -020	11	N = 88+ Rec. = 1.3' T = 1553 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
						38	
	19		HS=0			50+	
	20	(caliche)					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

SHEET 4 OF 6 SHEETS

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	21						
	22						
	23						
	24						
	25						
	26						
	27						Poor recovery on first spoon, collected VOCs & GRO from 28'-28.5'. Collected remaining parameters from 29'-29.6'. CAH-SB06-030
	28		HS=0		VOCs & GRO	17	N = 50+ Rec. = 0.5' T = 1606 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & Pest./PCBs 1 x 8oz TAL metals 1 x 8 oz 8151 Herbs & DRO
						50+	
	29				SVOCs, metals, Pest./PCBs, Herbs, DRO	11	
						50+	
	30	(caliche)					

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 5 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		silt (ML), hard, slightly moist, light red, trace fine sand, heavily cemented (caliche)					Ogallala Fm.
	31						
	32						
	33						
	34						
		sand content increasing					
	35						
	36						
	37						
	38				CAH-SB06 -040	12	N = 92+ Rec. = 1.2' T = 1625 1 x 2oz 8260A VOCs 1 x 2oz GRO 1 x 8oz 8270 SVOCs & 8081 Pest./PCBs 1 x 8oz TAL metals 1 x 8oz 8151 Herbs & DRO
		silty sand (SM), dense, slightly moist, light red, fine-grained, lightly cemented	HS=0				
						42	
	39					50+	
		BOB at 39.4'					
	40						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-06

PROJECT: CERCLA SIs at AOCS-E, F, G, & H

INSPECTOR: Michael M. Sonderman

SHEET 6 OF 6 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41						HS = Headspace N = Number of blows Rec. = Recovery in feet T = Time oz = Ounce BOB = Bottom of Boring NA = Not Applicable bgs = Below Ground Surface
	42						

PROJECT: CERCLA SIs at AOCs-E, F, G, & H

HOLE NO. AOC-H SB-06

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

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SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM** PROJECT NO. **M9602R**

SAMPLE NO. CAE-HA01-001 BORING NO. **AOC-E HA-01**

DATE/TIME COLLECTED: 12-04-98/0840 PERSONNEL: M.Sonderman

SAMPLE METHOD / DEPTH: **Stainless steel ~~split spoon~~** Hand auger 0.5-1.5 bgs ~~J. Keith~~ O. Golde

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO] SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES [NO] DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES [NO]

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
~~0.5-1.5~~	
0-0.5	concrete + asphalt rubble
0.5-1.5' bgs	med. stiff, moist, red, low plastic silt (ML) with some clay

GENERAL COMMENTS

Metals, SVOCs, Pest/PCBs from 0.5-1.0' bgs
VOCs from 1.0-1.5' bgs

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-HA01-005

BORING NO. AOC-E HA-01

DATE/TIME COLLECTED: 12-04-98/0905

PERSONNEL: M.Sonderman ~~J. Keith~~ D. Gale

SAMPLE METHOD / DEPTH: Stainless steel ~~split-spoon~~ Hand auger / 3.5-5.5

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH: 3.5'-5.5' bgs DESCRIPTION: stiff, moist, lt. reddish-brown, low plastic silt (ML) with clay (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-HA01-010

BORING NO. AOC-E HA-01

DATE/TIME COLLECTED: 12-04-98 / 1009

PERSONNEL: M.Sonderman, ~~J Keith~~ D. Gable

SAMPLE METHOD / DEPTH: Stainless steel ~~split spoon~~ hand auger / 8.5-9.5' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH: 8.5-9.5' bgs

DESCRIPTION: hard, sl. moist to moist, light reddish-brown, low plastic silt (ML) with clay; heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-HA02-005

BORING NO. AOC-E HA-02

DATE/TIME COLLECTED: 12-04-98 / 1100 hand auger

PERSONNEL: M.Sonderman ~~J. Keith~~ O. Golde

SAMPLE METHOD / DEPTH: Stainless steel ~~split spoon~~ / 2.8'-4.8' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH: 2.8-4.8' bgs DESCRIPTION: mod. stiff, moist, red, low plastic silt (ML), moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE - HA02 - 008

BORING NO. AOC-E HA-02

DATE/TIME COLLECTED: 12-04-98/1115

PERSONNEL: M.Sonderman

SAMPLE METHOD / DEPTH: Stainless steel ~~split spoon~~ hand auger / 6'-8' bgs

~~J. Keith~~ O Golde

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH: 6.0'-8.0' bgs DESCRIPTION: med. stiff, moist, light red, low plastic silt (ML), moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-HA02-013

BORING NO. AOC-E HA-02

DATE/TIME COLLECTED: 12-04-98/1130

PERSONNEL: M.Sonderman, ~~J Keith~~ D. Colle

SAMPLE METHOD / DEPTH: Stainless steel ~~split spoon~~ hand auger / 11'-13' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: YES (NO)

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH: 11'-13' bgs

DESCRIPTION: stiff, moist, red to lt. red, low plastic silt (ML), moderately cemented to heavily cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-HA03-003

BORING NO. AOC-E HA-03

DATE/TIME COLLECTED: 12-04-98 / 1500

PERSONNEL: M.Sonderman ~~J. Keith~~ D. Golde

SAMPLE METHOD / DEPTH: Stainless steel ~~split-spoon~~ hand auger / 2.7'-3.2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
0-2.7	concrete + asphalt rubble
2.7-3.2' bgs	med. stiff, moist, red, low plastic silt (ML)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-HA03-008

BORING NO. AOC-E HA-03

DATE/TIME COLLECTED: 12-04-98 / 1515

PERSONNEL: M.Sonderman ~~J. Keith~~ D.Golde

SAMPLE METHOD / DEPTH: Stainless steel ~~split-spoon~~ hand auger / 6'-8' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH: 6'-8' bgs DESCRIPTION: mod. stiff, moist light red, low plastic silt (ML), moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-HA03-013

BORING NO. AOC-E HA-03

DATE/TIME COLLECTED: 12-04-98 / 1600

PERSONNEL: M.Sonderman ~~J. Keith~~ D. Gilke

SAMPLE METHOD / DEPTH: Stainless steel ~~split-spoon~~ hondrexer / 11-13' bgs

	SOIL	SEDIMENT	SLUDGE
SAMPLE MEDIA:			
SAMPLE QA SPLIT:	YES	NO	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	NO	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	NO	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH: 11-13' bgs

DESCRIPTION: Stiff to v. stiff, sl. moist, lt. red, low plastic silt (ML), trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-HA04-002

BORING NO. AOC-E HA-04

DATE/TIME COLLECTED: 12-04-98 / 1625

PERSONNEL: M.Sonderman ~~J. Keith~~ D Golde

SAMPLE METHOD / DEPTH: Stainless steel ~~split spoon~~ hand auger / 1.1'-2.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES NO DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
0-1.1	concrete + asphalt rubble
1.1-2.0' bgs	med. stiff, moist, red, low plastic silt (ML), trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-HA04-006

BORING NO. AOC-E HA-04

DATE/TIME COLLECTED: 12-04-98 / 1640

PERSONNEL: M.Sonderman ~~J. Keith~~ D. Gotde

SAMPLE METHOD / DEPTH: Stainless steel ~~split spoon~~ hand auger / 4.1-6.1' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH: 4.1-6.1' bgs

DESCRIPTION: med. stiff, moist, lt. reddish-brown, low plastic silt (ML), moderately cemented, trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-HA04-010

BORING NO. AOC-E HA-04

DATE/TIME COLLECTED: 12-05-98 / 0735

PERSONNEL: M.Sonderman ~~J. Keith~~ D Golde

SAMPLE METHOD / DEPTH: Stainless steel ~~split-spoon~~ hand auger / 9.2'-10.5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	0
Breathing zone	0
Boring	0
Headspace	0

SAMPLE DESCRIPTION

DEPTH: 9.2'-10.5' bgs

DESCRIPTION: v. stiff to hard, dry, lt. reddish-brown, low plastic silt (ML), cemented (calcite)

GENERAL COMMENTS

2/2/99

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB01-002

BORING NO. AOC-E SB-01

DATE/TIME COLLECTED: 4/30/98 0738

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0.3 - 2.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: (YES) NO

DUPLICATE SAMPLE NO. CAE-SB51-002 (7/8a)

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0.3 - 2.0 DESCRIPTION: Silt (ML), med. stiff, moist, red, root traces

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

AOC-E

SAMPLE NO. CAF- SB01-005

BORING NO. SB01

DATE/TIME COLLECTED: 04/30/98 0757

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3 - 5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
3 - 3.8'	Silt (ML), mod. stiff, moist, red, root traces
3.8' - 5.0'	Silt (ML), hard, dry, red, moderate to heavy cementation (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE- SB01- 010

BORING NO. ACC-E SB01

DATE/TIME COLLECTED: 04/30/98 0812

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-10' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. CAE-SB01-310

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8-10'

DESCRIPTION: Silt (ML) hard, dry, red, moderate to heavily cemented (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB01-020

BORING NO. AOC-E SB01

DATE/TIME COLLECTED: 04/30/98 0830

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18-18.4, 20-20.3

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 18.-20.3 DESCRIPTION: & silt (MC), hard, dry, light red, moderate to heavy cementation (caliche)

GENERAL COMMENTS

VOCs from 18-18.4' bgs, SVOCs, Pest./PCBs, metals from 20-20.3' bgs

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB01-030

BORING NO. AOC-E SB01

DATE/TIME COLLECTED: 04/30/98 0902

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-30' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: (YES) NO

CAE-SB01-130

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28 - 28.8 DESCRIPTION: Silt (ML), hard, sl. moist, light red, limestone fragments with interbedded limestone stringers (caliche)

28.8 - 29.6 Sand (SM), v. dense, sl. moist, light red, fine-grained

29.6 - 30 Silty sand - sandy silt (SM-ML), hard, sl. moist, lt. red

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB01-040

BORING NO. AOC-E SB01

DATE/TIME COLLECTED: 04/30/98 0917

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38-40

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 38-40' bgs

DESCRIPTION: Silty sand (SM), dense, moist, light reddish-brown to brown, fine-grained, chunks of cemented sand

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB02-002

BORING NO. AOC-G SB02

DATE/TIME COLLECTED: 4/30/98 1011

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0.3 - 2.0'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: (YES) NO

SPLIT SAMPLE NO. CAE-SB02-302

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	ND
Boring	ND
Headspace	ND

SAMPLE DESCRIPTION

DEPTH: 0.3-2.0' bgs DESCRIPTION: Silt (ML), stiff, moist, red, trace fine sand and clay.

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE- SB02 - 005

BORING NO. AOC-E SB02

DATE/TIME COLLECTED: 4/30/98 1020

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3-5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: (YES) NO

DUPLICATE SAMPLE NO. CAE - SB52 - 005 (0930)

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3-5' bgs DESCRIPTION: Silt (ML), stiff, moist, red, trace fine sand and clay

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB02-~~020~~ 010 JK 4/30/98

BORING NO. SB02 AOC-E

DATE/TIME COLLECTED: 04/30/98 1035

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-10' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8-10' bgs

DESCRIPTION: Sandy silt (ML) stiff, moist, red, ≈30% fine sand, slight cementation

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB02-~~030~~ 020 JF 4/30/98

BORING NO. AOC-E SB02

DATE/TIME COLLECTED: 04/30/98 1051

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18-20'

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	ND

SAMPLE DESCRIPTION

DEPTH: 18-20'

DESCRIPTION: Silt (ML), pard, sl. moist, light red to tan, heavily cemented, limestone fragments, (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE- SB02 - ~~040~~ 030

BORING NO. AOC-E SB02

DATE/TIME COLLECTED: 04/30/98 1115

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-28.5'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: YES (NO)

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background: ND

Breathing zone: ↓

Boring: ↓

Headspace: ND

SAMPLE DESCRIPTION

DEPTH: 28-28.5

DESCRIPTION: Silt (ML) hard, sl. moist, light red to tan, heavily cemented, limestone fragments and stringers (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE- SB02 -040

BORING NO. AOC-E SB02

DATE/TIME COLLECTED: 04/30/98 1131

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38-40

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	ND

SAMPLE DESCRIPTION

DEPTH: 38-40

DESCRIPTION: Silty sand (SM), dense, sl. moist, light red to tan, moderate cementation, few cemented sand nodules

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE - SB03 - 002

BORING NO. AOC-E SB03

DATE/TIME COLLECTED: 4/30/98 1258

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0-2'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES ~~NO~~

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-2.0'

DESCRIPTION: clayey Silt (ML), soft, moist, red, roots, trace fine sand

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB03-005

BORING NO. AOC-E SB03

DATE/TIME COLLECTED: 04/30/98 1307

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3-5' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES / NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES / NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3-5' bgs

DESCRIPTION: Clayey silt (ml), soft, moist, red, trace fine sand

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB03-010

BORING NO. AOC-E SB03

DATE/TIME COLLECTED: 4-30-98 / 1313

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-10' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8-10' bgs

DESCRIPTION: Silt (ML), med. stiff, moist, lt. brown to red mottling, trace fine sand, light cementation

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB03-020

BORING NO. AOCE SB03

DATE/TIME COLLECTED: ~~132~~ 4-30-98 / 1326

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18-20' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: YES (NO)

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 18-20' bgs

DESCRIPTION: silt (ML), v. stiff, sl. moist, lt. brown, moderate to heavy cementation, caliche nodules, trace fine sand (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. ~~BSF~~ CAE-SB03-030

BORING NO. ACE SB03

DATE/TIME COLLECTED: 4-30-98 / 1338

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28'-28.4' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO) SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28-28.4' bgs

DESCRIPTION: Silt (ML) v. stiff, sl. moist, light reddish-brown, moderate to heavy cementation, trace fine sand, cemented nodules. (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R ACC-E

SAMPLE NO. CAF-SB03-040

BORING NO. SB03

DATE/TIME COLLECTED: 04/30/98 1355

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38-38.7' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 38-38.7' bgs DESCRIPTION: silty sand (SM), dense, dry, light brown, fine-grained, heavy cementation

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB04-002.

BORING NO. JK AOC-E SB04

DATE/TIME COLLECTED: 04/30/98 1501

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0.3-2.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: YES (NO)

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0.3-2.0' bgs DESCRIPTION: Silt (ml) stiff, moist, red, trace clay, low plastic, few roots, trace sand

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R AOCE

SAMPLE NO. CAE-SB04-005

BORING NO. SB04

DATE/TIME COLLECTED: 04/30/98 1513

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3 - 4.9' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: YES (NO)

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3 - 4.5' bgs DESCRIPTION: Silt (ML) stiff, moist, red, trace clay, low plastic, trace sand.

4.5 - 4.9' Silt (ML) v. stiff, light red, heavily cemented, trace clay, caliche nodules.

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF - SB04 - 010

BORING NO. AOC-E SB04

DATE/TIME COLLECTED: 04/30/98 1527

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-10' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8-10' bgs

DESCRIPTION: Silt (ML) v. stiff, ~~stymoist~~, light red-tan mottled, trace fine sand, limestone stringer

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R ACE

SAMPLE NO. CAF-SB04-020

BORING NO. SB04

DATE/TIME COLLECTED: 04/30/98 ~~1529~~ 1538

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 20-20.8' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 20-20.8' bgs

DESCRIPTION: Silt (ML) v. stiff, sl. moist to dry, lt. red to tan, nodules, limestone stringers, heavily cemented (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE- SB04- 030

BORING NO. ACC-E SB04

DATE/TIME COLLECTED: 04/30/98 1552.

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-28.3, 29.5-30.3

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: YES (NO)

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28-28.3 DESCRIPTION: silt (ML) v. stiff, sl. moist to dry, lt. reddish-brown, heavily cemented, trace fine sand, few limestone fragments

29.5-30.3 same as above with sandy silt lense

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R AOC-E

SAMPLE NO. CAE-SB04-040

BORING NO. SB04

DATE/TIME COLLECTED: 04/30/98 1616

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38-39.3' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background ND.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 38-39.3' bgs DESCRIPTION: Silty sand (SM), v. dense, slt moist, mottled lt. tan and lt. red, fine-grained, heavily cemented

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM**

PROJECT NO. **M9602R**

SAMPLE NO. CAE- SB05- 002

BORING NO. ACC-E SB05

DATE TIME COLLECTED: 05/01/98 0749

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: **Stainless steel split-spoon** 0-1.8' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. CAE- SB05- 302

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-1.8' bgs

DESCRIPTION: Silt (ML) stiff, moist, red, trace fine sand, few roots, white mineralization in root traces

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

AOC-E

SAMPLE NO. CAE-SB05-005

BORING NO. SB05

DATE/TIME COLLECTED: 05/01/98 0759

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3-5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. CAE-SB55-~~00~~ 205

SAMPLE QC DUPLICATE: (YES) NO

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 3-5' bgs DESCRIPTION: Silt (ML) stiff, moist, red changing to lt. red, caliche nodules

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE- SB05 - 010

BORING NO. AOC-E SB05

DATE/TIME COLLECTED: 05/01/98 0807

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-9' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8-8.2' bgs DESCRIPTION: silt (ML), stiff, moist, red to lt. red, trace fine sand, caliche nodules

8.2'-9.0' bgs silt (ML), hard, sl. moist, light red-tan, heavily cemented, trace fine sand (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB05-020

BORING NO. AOC-E SB05

DATE/TIME COLLECTED: 05/01/98 0819

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18-19.6' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES ~~NO~~

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 18-19.6' bgs

DESCRIPTION: Silt (ML) hard, sl. moist, lt red-tan, ~~[illegible]~~ moderately cemented.. ~~[illegible]~~ MLA

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB05-030

BORING NO. AOC-E SB05

DATE/TIME COLLECTED: 05/01/98 0836

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-28.4' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28-28.4' bgs

DESCRIPTION: Silt (ML), extremely hard, moist, lt red, trace fine sand, caliche fragments, heavily cemented (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R AOC-E

SAMPLE NO. CAE-SB05-040

BORING NO. SB 05

DATE/TIME COLLECTED: 05/01/98 0853

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38-38.4' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 38-38.4' bgs

DESCRIPTION: Silty Sand (SM), dense, moist, H red, heavily cemented, fine-grained

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB06-002

BORING NO. AOC-E SB06

DATE/TIME COLLECTED: 05/01/98 0920

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0-2.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: (YES) NO

DUPLICATE SAMPLE NO. CAE-SB56-002 (0915)

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-2' bgs

DESCRIPTION: Silt (ML) red med. stiff, moist, red to dk brown, numerous roots, trace fine sand

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB06-005

BORING NO. AOC-E SB06

DATE/TIME COLLECTED: 05/01/98 0930

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0-2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: (YES) NO

SPLIT SAMPLE NO. CAE-SB06-~~0~~ 305

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 0-2' bgs DESCRIPTION: silt (ML) med. stiff, red to dk brown, moist, trace fine sand

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-SB06-010

BORING NO. AOC-E SB06

DATE/TIME COLLECTED: 05/01/98 0939

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-10' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: (YES) NO

CAE-SB06-110

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8-10' bgs DESCRIPTION: Silt (ML) med. stiff, red, trace fine sand, trace clay, slow plastic, caliche layer

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB06-020

BORING NO. ACC-E SB06

DATE/TIME COLLECTED: 05/01/98 0950

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18-20' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 18-18.5' bgs DESCRIPTION: Silt (ML), stiff, moist, red to lt. red, trace fine sand limestone stringers

18.5-19.4' bgs Sandy silt (ML), stiff, moist, red, ~40% fine sand

19.4-20' bgs Silt (ML), hard, dl. moist, lt. red, some fine sand, heavily cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB06-030

BORING NO. AOC-E SB06

DATE/TIME COLLECTED: 05/01/98 1005

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-28.8' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28-28.8'

DESCRIPTION: Silt (ML), hard, sl. moist, red to lt. red, trace fine sand, heavily cemented

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB06-040

BORING NO. AOC-E SB06

DATE/TIME COLLECTED: 05/01/98 1024

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-29.6 bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES / NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES / NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 28-29.6 bgs

DESCRIPTION: Silty Sand (SM), med. dense, moist, lt red, fine-grained, only slight cementation

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB07-005 JK

BORING NO. AOC-E SB07

DATE/TIME COLLECTED: 05/01/98 1100

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3.2'-4.8' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 3.2'-4.8' bgs DESCRIPTION: silt (ML), v. stiff, moist, red, trace fine sand, root traces (mineralized)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB07-010

BORING NO. SB07

DATE/TIME COLLECTED: 05/01/98 1110

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-10'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 8-10'

DESCRIPTION: Silt (ML), v. stiff, moist, red, trace fine sand

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB07-~~005~~ 015 JK

BORING NO. AOC-E SB07

DATE/TIME COLLECTED: 05/01/98 1121

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 13-15'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 13-15'

DESCRIPTION: Silt (ML) ~~tan~~ med. stiff, sl. moist, red – lt. red mottled, moderately cemented, caliche nodules

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB07-~~040~~ 025 JK

BORING NO. ~~AOGE~~ SB07

DATE TIME COLLECTED: 05/01/98 1136

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 23-23.7' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / (NO)

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 23-23.7' bgs DESCRIPTION: silt (ML) hard, sl. moist, lt. red-tan, heavily cemented (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE - SB07 ~~-020~~ 035 JK

BORING NO. AOC-E SB07

DATE/TIME COLLECTED: 5/1/98 1155

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 33 - 34.7' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
33 - 33.3'	silt (ML) hard, sl. moist, lt. red-tan heavily cemented
33.3' - 34.7'	silty sand (SM), dense, sl moist, red-lt tan, some cementation and nodules

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB07-~~030~~ ~~030~~-JK 045

BORING NO. AOC-E SB07

DATE-TIME COLLECTED: 05/01/98 1227

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 43-43.4' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES NO DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 43-43.4' DESCRIPTION: Silty sand (SM) dense, sl. moist, red-lt tan mottled, some cemented sand nodules, fine grained,

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB08-005

BORING NO. AOC-E SB08

DATE/TIME COLLECTED: 05/01/98 1404

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3.5' - 5.0'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.5' + 5.0' DESCRIPTION: Silt (ML), stiff, moist, red, trace fine sand few lightly cemented nodules

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE- SB08 -010

BORING NO. AOC-E SB08

DATE/TIME COLLECTED: 05/01/98 1414

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-9.4' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081, Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 8-9.4'

DESCRIPTION: Silt (ML) hard, moist, lt red-tan mottled, moderately cemented, caliche nodules

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB08-~~002~~ 015 JK

BORING NO. AOC-E SB08

DATE/TIME COLLECTED: 05/01/98 1425

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 13-15

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
~~N.D.~~ MA	
13-15' bgs	silt (ML), hard, moist, lt. red, trace fine sand, moderately cemented

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R ACC-E

SAMPLE NO. CAE-SB08-~~0 20 ft~~ 025

BORING NO. SB08

DATE/TIME COLLECTED: 05/01/98 1440

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 23-23.3, 25-25.4'

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / ~~NO~~

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background: N.D.

Breathing zone: ↓

Boring: ↓

Headspace: ↓

SAMPLE DESCRIPTION

DEPTH: 23-25.4'

DESCRIPTION: Silt (ML) hard, lt red, sl. moist, trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB08-~~030~~ -035 5f

BORING NO. AOC-E SB08

DATE/TIME COLLECTED: 05/01/98 1458

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 33-33.3', 35-35.4'

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES / NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES / NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 33-35.4'

DESCRIPTION: Silt (CaCO3) hard, sl. moist, lt red-tan, trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAE-SB08-~~040~~ -045 JK

BORING NO. AOC-E SB08

DATE/TIME COLLECTED: 05/01/98 15:23

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 43-43.7' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 43-43.7'

DESCRIPTION: Silty sand (SM), dense, moist, red, fine-grained, w/ only light cementation with few harder nodules

GENERAL COMMENTS

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA01-001

BORING NO. AOCF HA-01

DATE/TIME COLLECTED: 4-29-98 / 0738

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0-0.5' bgs

SAMPLE MEDIA: SOIL [YES] SEDIMENT [NO] SLUDGE

SAMPLE QA SPLIT: YES NO — SPLIT SAMPLE NO. CAF-HA01-301

SAMPLE QC DUPLICATE: YES NO — DUPLICATE SAMPLE NO. CAF-HA51-201 Lims# 5111

MS/MSD REQUESTED: YES NO — MS/MSD CAF-HA01-101

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-0.5'

DESCRIPTION: clayey silt (ML), soft, low plastic, moist, brown, caliche gravel, roots (fill)

GENERAL COMMENTS

Grass cover

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA01-002

BORING NO. AOC-F HA-01

DATE/TIME COLLECTED: 4/29/98 / 0759

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 1.5-2.0' bg

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 1.5-2.0'

DESCRIPTION: Gravelly silt (ML), soft, moist, light red, caliche gravel (~20%), (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA01-004

BORING NO. AOC-F HA-01

DATE/TIME COLLECTED: 4-29-98 / 0811

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 3.5'-4.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.5-4.0'

DESCRIPTION: silt (ML), soft, moist, light red, 15% caliche gravel, trace fine sand (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF- HA02-001

BORING NO. AOC-F HA-02

DATE/TIME COLLECTED: 4-29-98 / 0824

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger / 0.0-0.5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-0.5'

DESCRIPTION: Silt (ML), soft, moist, red, trace caliche gravel and fine sand, roots (fill)

GENERAL COMMENTS

Sparse grass cover

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA02-002

BORING NO. AOCF HA-02

DATE/TIME COLLECTED: 4-29-98/0833

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 1.5'-2.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 1.5-2.0'

DESCRIPTION: Silt (ML), med. stiff, moist, red, ~10% caliche gravel, trace clay (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF- HA02-004

BORING NO. AOC-F HA-02

DATE/TIME COLLECTED: 4-29-98 / 0905

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 3.5-4' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.5-4.0'

DESCRIPTION: Gravelly Silt (ML), soft, moist, light red, ~25% caliche gravel, trace fine sand, (fill)

GENERAL COMMENTS

Hit rock at ~3.0 bgs. Offset hole ~.75' to west and augered down to sample interval, and collected sample.

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA03-001

BORING NO. AOC-F HA-03

DATE/TIME COLLECTED: 4-29-98 / 0935

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0.0-0.5'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0.0-0.5'

DESCRIPTION: Silt (ML), soft, moist, light red, trace calche gravel, wood fragments (fill)

GENERAL COMMENTS

Bare soil

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA03-002

BORING NO. AOC-F HA-03

DATE/TIME COLLECTED: 4-29-98 / 0943

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 1.5-2.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 1.5-2.0'

DESCRIPTION: Silt (ML), soft, moist, red, trace caliche gravel, wood fragments, black coal-like fragments (fill)

GENERAL COMMENTS

4/23/98

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA03-004

BORING NO. ~~CAF~~ mk AOC-F HA-03

DATE/TIME COLLECTED: 4-29-98 / 0959

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 3.5'-4.0' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO — SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES / NO — DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES / NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.5-4.0'

DESCRIPTION: Silt (ML) soft, sl. moist, brown, well-rounded gravel (river rock) ~ 15%, fine- to coarse-grained sand ~15%, wood fragments, spent bullets. (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA04-001

BORING NO. AOC-F HA04

DATE/TIME COLLECTED: 4-29-98 / 1009

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0-0.5' bgs

SAMPLE MEDIA:	SOIL	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	[NO]	
SAMPLE QC DUPLICATE:	YES	[NO]	
MS/MSD REQUESTED:	YES	[NO]	

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0.0 - 0.5'

DESCRIPTION: Silt (ML), soft, sl. moist, brown, trace gravel, wood fragments, nails.

GENERAL COMMENTS

Bare Soil

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA04-002

BORING NO. AOC-F HA04

DATE/TIME COLLECTED: 4-29-98 / 1018

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 1.5'-2.0'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background NA

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 1.5'- 2.0' DESCRIPTION: silt (ML) soft, sl. moist, light brown, trace gravel and fine sand, spent bullets (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA04-004

BORING NO. AOC-F HA04

DATE/TIME COLLECTED: 4-27-98 / 1026

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 3.5'-4.0'

SAMPLE MEDIA:	SOIL	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	NO	
SAMPLE QC DUPLICATE:	YES	NO	
MS/MSD REQUESTED:	YES	NO	

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.5-4.0'

DESCRIPTION: Silt (ML) soft, sl. moist, light brown, trace gravel, fine sand (fill)

GENERAL COMMENTS

4/23/98

WOODWARD-CLYDE

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA05-001

BORING NO. AOC-F-HA05

DATE/TIME COLLECTED: 4-29-98 / 1038

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0 - 0.5' bgs

SAMPLE MEDIA: SOIL [YES] SEDIMENT [NO] SLUDGE

SAMPLE QA SPLIT: [YES] NO — SPLIT SAMPLE NO. CAF-HA55-301 (65) Lims # 5111

SAMPLE QC DUPLICATE: [YES] NO — DUPLICATE SAMPLE NO. CAF-HA05-201 (55)

MS/MSD REQUESTED: YES [NO]

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0.0 - 0.5' DESCRIPTION: Silt (ML), soft, moist, red, trace caliche gravel, roots, trace clay (fill)

GENERAL COMMENTS

Sparse grass cover

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF- HA05-002

BORING NO. AOC-F HA-05

DATE/TIME COLLECTED: 4-29-98 / 1052

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 1.5'-20' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES [NO]

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES [NO]

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	nA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 1.5-2.0' DESCRIPTION: Silt (ML), soft, moist, red, trace gravel, wood fragments (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF- HA05-004

BORING NO. AOC-F HA05

DATE/TIME COLLECTED: 4-29-98/1101

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.5-4.0'

DESCRIPTION: Silt (ML), soft, moist, red, few pieces gravel, glass fragments, black organic fragments, metal projectiles. (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA06-001

BORING NO. AOC-F HA-06

DATE/TIME COLLECTED: 4-29-98 / 1129

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0-0.5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0.0-0.5' DESCRIPTION: Silt (ML), soft, moist, red, trace gravel (fill)

GENERAL COMMENTS

Bare soil

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA06-002

BORING NO. AOC-F HA06

DATE/TIME COLLECTED: 4-29-98 / 1136

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 1.5'-2.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	pA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 1.5-2.0'

DESCRIPTION: Silt (ML) soft, moist, brown, trace clay and fine sand (Fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA06-004

BORING NO. AOC-F HA06

DATE/TIME COLLECTED: 4-29-98 / 1144

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 3.5'-4.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.5-4.0'

DESCRIPTION: silt (ML), soft, moist, light brown, few pieces gravel, trace fine sand (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA07-001

BORING NO. AOC-F HA-07

DATE/TIME COLLECTED: 4-29-98 / 1153

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0-0.5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0.0-0.5'

DESCRIPTION: silt (ML), soft, moist, light brown, trace clay, ~10% caliche gravel (fill)

GENERAL COMMENTS

Sparse grass cover

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA07-002

BORING NO. AOC-F HA-07

DATE/TIME COLLECTED: 4-29-98 / 1203

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 1.5'-2.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: (YES) NO

SPLIT SAMPLE NO. CAF-HA07-302

SAMPLE QC DUPLICATE: YES [NO]

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES [NO]

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 1.5-2.0' DESCRIPTION: Silt (ML) soft, moist, red, trace clay and fine sand (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA07-004

BORING NO. AOC-F HA-07

DATE/TIME COLLECTED: 4-29-98 / 1218

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 3.5'-4.0'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES [NO]

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES [NO]

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.5-4.0'

DESCRIPTION: SILT (ML), soft, sl. moist, light brown, trace fine sand to ~~coarse~~ fine gravel (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA08-001

BORING NO. AOC-F HA-08

DATE/TIME COLLECTED: 4-29-98 / 1225

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0.0-0.5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0.0-0.5'

DESCRIPTION: Silt (ML), soft, moist, light red, trace fine sand to gravel, trace clay (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-~~10~~ 4/28/98 HA08-002

BORING NO. AOCF HA08

DATE/TIME COLLECTED: 4-29-98 / 1235

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 1.5'-2.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 1.5-2.0'

DESCRIPTION: Silt (ML), soft, moist, red, fine sand, trace clay, few pieces gravel (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA08-004

BORING NO. AOC-F HA-08

DATE/TIME COLLECTED: 4-29-98 / 1255

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 3.5-4.0' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 3.5-4.0'

DESCRIPTION: Silt (ML), soft, sl. moist, light red, ~25% caliche gravel, fine-coarse sand (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA09-001

BORING NO. AOC-F HA09

DATE/TIME COLLECTED: 4-29-98 / 1300

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0-0.5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES [NO]

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES [NO]

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 0.0-0.5'

DESCRIPTION: Silt (ML) soft, sl. moist, light red, some caliche gravel (~15%), trace fine to coarse sand (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-HA09-002

BORING NO. AOC-F HA-09

DATE/TIME COLLECTED: 4-29-98 / 1308

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 1.5-2.0'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 1.5-2.0'

DESCRIPTION: Silt (ML), soft, sl. moist, light red, ~20% gravel, fine to coarse sand (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF- HA09-004

BORING NO. AOC-F HA-09

DATE/TIME COLLECTED: 4-29-98 / 1335

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 3.5'-4.0' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES [NO]

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES [NO]

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.5-4.0'

DESCRIPTION: Gravelly Silt (ML), soft, sl. moist, light red, 30% caliche gravel, fine to coarse sand (fill)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-SS01-002

BORING NO. AOC-F SS-01

DATE/TIME COLLECTED: 4-28-98/1130

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: (YES) NO — SPLIT SAMPLE NO. CAF-SS01-302

SAMPLE QC DUPLICATE: (YES) NO — DUPLICATE SAMPLE NO. CAF-SS01-202

MS/MSD REQUESTED: (YES) NO — MS/MSD sample NO: CAF-SS01-102.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
0-0.6' ~~0-2.0~~	silty clay (CL), soft, low plastic, moist, reel, trace fine sand, grass roots
0.6-2.0'	Silt (ML), med. stiff, low plastic, moist, reel, trace clay, + fine sand

GENERAL COMMENTS

Sampling location covered with dry grass,

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-SS02-002

BORING NO. AOC-F SS-02

DATE/TIME COLLECTED: 4/28/98 1339

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger / 0-2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE ✓

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
~~0.0-0.0~~ JK 4/28/98	
~~0.0-2.0~~ JK.	
0.0 - 0.8' bgs	Silt (ML), med. soft, moist, light red, trace clay, some roots, trace gravel (caliche)
0.8'-2.0' bgs	Silt (ML), med. stiff, moist, red, no caliche

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-SS03-002

BORING NO. AOC-F SS-03

DATE/TIME COLLECTED: 4-28-98 / 1401

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger / 0-2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
~~0.0-0.5~~ 04/28/98 JK ~~0.0 to 0.9' bgs~~	silt (ML), soft, moist, light red, trace clay and caliche nodules to gravel size, few pieces asphalt (fill)
0.9'-2.0' bgs	clayey silt (ML), moist, sl. plastic, med. stiff, no caliche gravel or asphalt

GENERAL COMMENTS

Dry grass cover ~~over~~ mf at location

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-SS04-002

BORING NO. AOC-F SS04

DATE/TIME COLLECTED: 4-28-98 / 1490

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0 - 2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: ~~0.0 - 0.5~~ JK 4/28/98

DESCRIPTION:

~~0.0-0.3'~~ 0.0-0.3' Silt (ML), soft, moist, light red, trace clay, caliche gravel, some roots (fill)

0.3' to 2.0' bgs clayey silt (ML), ~~med.~~ soft to med. stiff, sl. plastic, moist, red, no caliche gravel

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-SS05-002

BORING NO. AOC-F SS-05

DATE/TIME COLLECTED: 4-28-98/1435

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0-2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

4/28/98

DEPTH:	DESCRIPTION:
~~0.0-0.5'~~ ~~2TK~~	
~~0.0-2.0'~~	Gravelly silt (ML), soft, moist, light red to red, moist, trace clay, caliche gravel, wood fragments (f,1))

GENERAL COMMENTS

Sparse grass cover

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-SS06-002

BORING NO. AOC-F SS-06

DATE/TIME COLLECTED: 4-28-98 / 1550

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0-2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION 4/28/98

DEPTH: ~~0.0-2.0~~ SS5 DESCRIPTION: Gravelly silt (ML), soft, moist, red, trace clay, caliche gravel, wood fragments (fill)

GENERAL COMMENTS

Sparse grass cover

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-SS07-002

BORING NO. AOC-F SS07

DATE/TIME COLLECTED: ~~[illegible]~~ 4-28-98 / 1603

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0-2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

4/28/98 JK

DEPTH:	DESCRIPTION:
~~0.0-0.5~~ ~~0.0-2.0 bgs~~	Silt (ML), soft, moist, red, trace clay and caliche gravel, wood fragments (fill)

GENERAL COMMENTS

bare ground

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-SS08-002

BORING NO. AOC-F SS-08

DATE/TIME COLLECTED: ~~1620~~ 4-28-98/1620

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0-2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

04/28/98

DEPTH:	DESCRIPTION:
~~0.0-0.5~~ OK	
~~0.0-2.0'~~	
0-0.3'	Silt (ML), soft, moist, red, trace clay & caliche gravel (fill)
0.3'-2.0'	Silt (ML), soft, moist, red, trace clay, no gravel

GENERAL COMMENTS

Sparse grass cover

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAF-SS09-002

BORING NO. AOCF SS09

DATE/TIME COLLECTED: 4-28-98 / 1637

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger 0-2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES [NO]

SAMPLE QC DUPLICATE: YES [NO]

MS/MSD REQUESTED: YES [NO]

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO.

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	6010 Total Lead, Antimony, and Arsenic

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

4/28/98 JK

DEPTH:	DESCRIPTION:
~~0.0-0.5~~ 0-1.0'	Silt (ML), soft, moist, light red, trace clay and caliche gravel, nail (fill)
1.0'-2.0'	Silt (ML) stiff grading to med. stiff, moist, dark red to red, no gravel, trace clay

GENERAL COMMENTS

Sparse grass cover

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB01-002

BORING NO. AOC-G SB01

DATE/TIME COLLECTED: 5/03/98 0948

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0-1.7'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: (YES) NO

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. CAG-SB51-202 (0900)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ 3F oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-1.7'

DESCRIPTION: Silt (ML) stiff, moist, red, trace fine sand, few roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB01-005

BORING NO. AOC-G SB01

DATE/TIME COLLECTED: 5/03/98 0957

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3-5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. CAG-SB01-305

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ 5 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 3-5' bgs

DESCRIPTION: Silt (ML) stiff, moist, red-lt. red mottled, trace fine sand, lightly cemented nodules

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG- SB01-010

BORING NO. AOC-G SB01

DATE/TIME COLLECTED: 5/03/98 1008

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-9.8' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
~~NT~~ JK 8-9.8' bgs	Silt (ML) ~~stiff~~ hard, moist; lt. red-red mottled, trace fine sand, moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG - SB01-020

BORING NO. SB01

DATE/TIME COLLECTED: 5/03/98 1020

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
18-18.5'	silt (ML) hard, sl. moist, pt. red-red, mottled trace fine sand · moderate to light cementation
18.5-20'	same as above except heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB01-030

BORING NO. AOC-G SB01

DATE/TIME COLLECTED: 5/03/98 1032

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-29'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	NT
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28-29'

DESCRIPTION: Silt(ML) hard, sl. moist, lt red, trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB01-040

BORING NO. AOC-G SB01

DATE/TIME COLLECTED: 5/03/98 1100

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38-39.4' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 38-38.9' DESCRIPTION: Silt (ML), hard, st, moist, lt red, trace fine sand, heavily cemented (Caliche)

38.9-39.4 Silty sand (SM), dense, sl. moist, ~~[illegible]~~ lt red, moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB02-002

BORING NO. AOC-G SB02

DATE/TIME COLLECTED: 5/03/98 1304

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0-1.9' bgs

SAMPLE MEDIA: SOIL (YES) SEDIMENT (NO) SLUDGE (NO)

SAMPLE QA SPLIT: YES (YES) NO

SAMPLE QC DUPLICATE: YES (NO) NO

MS/MSD REQUESTED: YES (NO) NO

SPLIT SAMPLE NO. CAG-SB02-302

DUPLICATE SAMPLE NO. N/A

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-1.9' bgs

DESCRIPTION: Silt (ML), stiff, moist, red, trace fine sand and clay, numerous roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB02-005

BORING NO. AOC-6 SB02

DATE/TIME COLLECTED: 5/3/98 1318

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3-4.8'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: (YES) NO

DUPLICATE SAMPLE NO. CAG-SB52-205 (1230)

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.0-4.8'

DESCRIPTION: Silt (ML), v. stiff, moist, red-lt. red mottled; trace fine sand, moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB02-010

BORING NO. SB02 AOC-G

DATE/TIME COLLECTED: 5/2/98 1332

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-9.2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

CAG-SB02-110

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 8 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8-8.3' DESCRIPTION: Silt (ML), v. stiff, moist, red-lt red mottled moderately cemented.

8.3-9.2' Silt (ML), hard, sl. moist, lt red-tan, trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB02-020

BORING NO. AOC-G SB02

DATE/TIME COLLECTED: 5/3/98 1350

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18-18.2, 18-19.3

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
~~8 oz. glass jar~~ not collected.	4° C	TAL Metals
~~8 oz. glass jar~~ not collected.	4° C	8015 TPH (DRO) + 8151 Herb.s
~~2 8 oz. glass jar~~ not collected.	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 18-19.3

DESCRIPTION: Silt (ML) hard, sl. moist, light red-tan, trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

Very limited sample, only (1) 2oz and (1) 8oz jar collected. Lab instructed to contact W-C for instruction prior to analysis.

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG- SB02-030

BORING NO. ~~AOC-G~~ SB02

DATE/TIME COLLECTED: 5/03/98 1408

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28.0-28.6, 29-29.7

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES ~~NO~~

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES ~~NO~~

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28-29.7 DESCRIPTION: Silt (ML), hard, sl. moist, light red, trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM** PROJECT NO. **M9602R**

SAMPLE NO. CAG-SB02-040 BORING NO. AOC-G SB02

DATE/TIME COLLECTED: 5/03/98 1434 PERSONNEL: M.Sonderman

SAMPLE METHOD / DEPTH: **Stainless steel split-spoon** 38-40' bgs J. Keith

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO) SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (NO) DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ 32 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 38-39.1 DESCRIPTION: Silt (ML), hard, sl. moist, light red, trace fine sand, heavily cemented (caliche)

39.1-40' Silty Sand (SM) ~~(ML)~~ dense, moist, lt. red, fine grained, lightly cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM**

PROJECT NO. **M9602R**

SAMPLE NO. CAG-SB03-003

BORING NO. AC-6 SB03

DATE/TIME COLLECTED: 05-03-98 / 0752

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: **Stainless steel split-spoon** 1-3' bgs

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES ~~NO~~ MS

SPLIT SAMPLE NO.

DUPLICATE SAMPLE NO. CAG-SB03-103

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 1-3' bgs

DESCRIPTION: Silt (ML), stiff, moist, red, trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R AOC-G

SAMPLE NO. CAG-SB03-0006

BORING NO. SB03

DATE/TIME COLLECTED: 05/03/98 0802

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 4-6' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 / 8 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 4-6'

DESCRIPTION: silt (ML) stiff, moist, light red, trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB03-011

BORING NO. AOC-G SB03

DATE/TIME COLLECTED: 05/03/98 0815

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 9-10.8

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 9-10.8

DESCRIPTION: Silt (ML), stiff, moist, red to light red, very lightly cemented nodules

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB03-021

BORING NO. AOC-G SB03

DATE/TIME COLLECTED: 5/3/98 0824

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 19-19.5' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE 20-20.7' bgs

SAMPLE QA SPLIT: YES / (NO) — SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES / NO — DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES / NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 19-20.7'

DESCRIPTION: Silt (ML) hard, sl. moist, light red, to ~~red~~, trace fine sand, ~~moderate to~~ mod heavy cementation (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG SB03-

BORING NO. AOC-G SB03

DATE/TIME COLLECTED: 05/03/98 0846

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 29-31' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES / NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES / NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ 3 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 29-31'

DESCRIPTION: silt (ML) hard, sl. moist, light red, trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB03-041

BORING NO. SB03

DATE/TIME COLLECTED: 05/03/98 0901

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 39-40.1 bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES / NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES / NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 8 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	NA
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 39-40.1

DESCRIPTION: Silty sand (SM) dense, moist, red, fine-grained, heavily cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB04-003

BORING NO. AOC-G SB04

DATE/TIME COLLECTED: 5/4/98 0934

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 1-3' bgs

SAMPLE MEDIA: SOIL (YES) SEDIMENT (NO) SLUDGE

SAMPLE QA SPLIT: YES (YES) NO

SAMPLE QC DUPLICATE: YES NO (NO)

MS/MSD REQUESTED: YES ~~NO~~

SPLIT SAMPLE NO. CAG-SB04-303

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
~~2 8~~ 4 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 1-3'

DESCRIPTION: silt(ml), stiff, moist, red, trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB04-006

BORING NO. SB04 (AOC-G)

DATE/TIME COLLECTED: 5/04/98 0945

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 4-6' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO (NO circled)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (YES circled) / NO

DUPLICATE SAMPLE NO. CAG-SB54-206 (0915)

MS/MSD REQUESTED: YES / NO (NO circled)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	
Boring	
Headspace	✓

SAMPLE DESCRIPTION

DEPTH: 4-6'

DESCRIPTION: Silt (ML) stiff, moist, light red, trace fine sand, light to moderate cementation

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB04-011

BORING NO. AOC-G SB04

DATE/TIME COLLECTED: 5/4/98 1003

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 9-11'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 9-11'

DESCRIPTION: silt (ML), stiff, moist, ltrcd, trace fine sand; light to moderate cementation

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB04-021

BORING NO. SB04

DATE/TIME COLLECTED: 5/04/98 1025

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 19-20.5

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ JK oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background NO

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 19-20.5'

DESCRIPTION: Silt (ML) hard, sl. moist, lt. red, trace fine sand, (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB04-031

BORING NO. AOC-G SB04

DATE/TIME COLLECTED: 5/04/98 1638

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 29-30.2'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. N/A

DUPLICATE SAMPLE NO. N/A

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 29-30.2'

DESCRIPTION: Silty sand (SM) dense, moist, lt. red, fine-grained, heavily cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM** PROJECT NO. **M9602R**

SAMPLE NO. CAG-SB04-041 BORING NO. SB04

DATE/TIME COLLECTED: 5/04/98 1050 PERSONNEL: M.Sonderman

SAMPLE METHOD / DEPTH: **Stainless steel split-spoon** 39-39.3 + 39.5 to 39.8 J. Keith

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO) SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (NO) DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
~~2~~ 3 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone ↓

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 39-39.8 DESCRIPTION: Silty sand (SM), dense, moist, lt red, fine grained, heavily cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

② SAMPLE NO. CAG-SB05-002

BORING NO. AOC-G SB05

DATE/TIME COLLECTED: 5/04/98 1349

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0-1.6' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: (YES) NO

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. ~~CAG-SB55-2~~ NA

DUPLICATE SAMPLE NO. ~~NA~~ CAG-SB55-2 1230

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8 oz.~~ 5L glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-1.6

DESCRIPTION: silt (ML) stiff, moist, red, trace fine sand, few roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

(5) SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB05-005

BORING NO. SB05

DATE/TIME COLLECTED: 05/04/98 1358

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3-5'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: (YES) NO

SPLIT SAMPLE NO. ~~NAT~~ CAG-SB05-3

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
~~2~~ 8 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3-5' bgs

DESCRIPTION: Silt (CML) stiff, moist, lt red, trace fine sand, few roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB05-010

BORING NO. AOC-G SB05

DATE/TIME COLLECTED: 05/04/98 1408

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-10' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES ~~NO~~

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES ~~NO~~

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8-10'

DESCRIPTION: Silt (ML) stiff, moist, lt red, trace fine sand, lightly cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB05-020

BORING NO. AOC-G SB05

DATE/TIME COLLECTED: 5/04/98 1416

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18-18.3, 19-19.4'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
8 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone ↓

Boring ↓

Headspace ↓

SAMPLE DESCRIPTION

DEPTH: 18'-19.4' DESCRIPTION: Silt (ML), hard, sl. moist, lt. red-tan, trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB05-030

BORING NO. AOC-G SB05

DATE/TIME COLLECTED: 05/04/98 1435

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-30' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: YES (NO)

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
8 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 28-30'

DESCRIPTION: silt (ML) hard, sl. moist, lt. red to tan, trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB05-040

BORING NO. AOC-G SB05

DATE/TIME COLLECTED: 5/04/98 1451

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38-39.5'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 38-39.5'

DESCRIPTION: Silty sand (SM), dense, moist, lt. red, fine-grained, moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

(2) GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG- SB06- 002

BORING NO. AOC-6 SB06

DATE/TIME COLLECTED: 5/04/98 1517

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0-2'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: (YES) NO

SPLIT SAMPLE NO. CAG - SB06-302

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
8 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone ↓

Boring ↓

Headspace ↓

SAMPLE DESCRIPTION

DEPTH: 0-2'

DESCRIPTION: Silt (ML) stiff, dry, red, trace fine sand, few roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

(5) GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB06-005

BORING NO. AOC-G SB06

DATE/TIME COLLECTED: 5/04/98 1530

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3-5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: (YES) NO

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. CAG-SB56-205- (1500)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
~~28 oz.~~ 1L glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3-5'

DESCRIPTION: Silt (ML) stiff, dry, red, trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG- SB06- 010

BORING NO. AOC-G SB06

DATE/TIME COLLECTED: 5/04/98 1540

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-10'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ 5F oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: ~~8.0-10'~~ ~~18-20'~~ DESCRIPTION: ~~Silty sand (SM) dense, sl. moist, red, fine-grained, moderately cemented~~

8-10' Silt (ML), stiff, dry, red, trace fine sand moderate to heavy cementation

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB06-020

BORING NO. A.C-G SB06

DATE/TIME COLLECTED: 05/04/98 1630

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18-20' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ 5K oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 18-20'

DESCRIPTION: Silty Sand (SM), dense, sl. moist, red, fine-grained, moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

(30) SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB06-030

BORING NO. AOC-6 SB06

DATE/TIME COLLECTED: 5/04/98 1640

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-29, ~~[illegible]~~, 29.5-30.3

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: YES (NO)

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28-30.5

DESCRIPTION: Silty sand (SM) dense, sl. moist, red, fine-grained, heavily cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

(40) SITE NAME: **Cannon AFB, NM** PROJECT NO. **M9602R**

SAMPLE NO. CAG-SB06-040 BORING NO. AOC-G SB06

DATE/TIME COLLECTED: 5/04/98 1702 PERSONNEL: M.Sonderman

SAMPLE METHOD / DEPTH: **Stainless steel split-spoon** 38-39.2' J. Keith

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO) SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (NO) DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
~~2~~ 5 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	0.0
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 38-39.2 DESCRIPTION: Silty sand (SM) very dense, sl. moist, red, fine-grained, heavily cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R AOC-G

SAMPLE NO. CAG SB07-002

BORING NO. SB07

DATE/TIME COLLECTED: 05/04/98 1723

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0-1.9'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8 oz.~~ glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-1.9'

DESCRIPTION: Silt (ML), stiff, moist, red, trace fine sand, numerous roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB07-005

BORING NO. AOC-G SB07

DATE/TIME COLLECTED: 05/04/98 1728

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3.0-5.0'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8 oz.~~ glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3.0-5.0'

DESCRIPTION: silt (ML) stiff, moist, red changing to lt red mottled, trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB07-010

BORING NO. AOC-G SB07

DATE/TIME COLLECTED: 05/04/98 1735

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-9.2' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8 oz.~~ glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8-9.2'

DESCRIPTION: Sandy clay (CL), soft, moist, light brown, med. plastic, becoming low plastic

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB07-020

BORING NO. AOC-G SB07

DATE/TIME COLLECTED: 05/04/98 1806

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18.0-18.7, 18.0-19.5'

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 18-19.5'

DESCRIPTION: Sandy silt (ML), hard, lt. brown, dry, heavily cemented, (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R AOC-G

SAMPLE NO. CAG-SB07-030

BORING NO. SB07

DATE/TIME COLLECTED: 05/04/98 1818

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-29' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28-29'

DESCRIPTION: Sandy Silt (ML), hard, dry lt. brown, heavily cemented. (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB07-040

BORING NO. AOC-G SB07

DATE/TIME COLLECTED: 05/04/98 1834

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38-39.2

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C.	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 38-39.2

DESCRIPTION: Silty Sand (SM), dense, moist, red, fine-grained, light cementation

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R AOC-6

SAMPLE NO. CAG-SB08-002

BORING NO. SB08

DATE/TIME COLLECTED: 5/05/98 0741

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0-1.6' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-1.6'

DESCRIPTION: Silt (ML) stiff, dry, trace fine sand, few roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R AOC-G

SAMPLE NO. CHG-SB08-005

BORING NO. SB08

DATE-TIME COLLECTED: 5/05/98 0749

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3-5

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SAMPLE QC DUPLICATE: YES / NO

MS/MSD REQUESTED: YES / NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3-5'

DESCRIPTION: Silt (ML), stiff, dry, red, trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CA6-SB08-010

BORING NO. AOC-G SB08

DATE/TIME COLLECTED: 5/05/98 0758

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-10' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: YES (NO)

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: 8-10'

DESCRIPTION: Silt (ML) hard, sl. moist, to dry, trace fine sand heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB08-020

BORING NO. AOC-G SB08

DATE/TIME COLLECTED: 05/05/98 0812

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18'-20' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES ~~NO~~

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES ~~NO~~

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 18'-20'

DESCRIPTION: Silt (ML) hard, sl. moist; tan/gy; trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB08-030

BORING NO. AOC-6 SB08

DATE/TIME COLLECTED: 05/05/98 0823

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-29.2' bgs

SAMPLE MEDIA: SOIL / SEDIMENT / SLUDGE

SAMPLE QA SPLIT: YES / NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES / NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES / NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28-28.8 DESCRIPTION: Silt (ML) hard, sl. moist, lt red, trace fine sand, heavily cemented (caliche)

27.8-29.2' silty sand (SM) very dense, sl. moist, fine-grained, heavily cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAG-SB08-040

BORING NO. AOC-G SB08

DATE/TIME COLLECTED: 05/05/98 0844

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38-39'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 38-39'

DESCRIPTION: silty sand (SM), very dense, sl. moist, red, fine-grained, heavily cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM** PROJECT NO. **M9602R**

SAMPLE NO. CAH-SB01-002 BORING NO. AOC-H SB01

DATE/TIME COLLECTED: 05/01/98 1626 PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: **Stainless steel split-spoon** 0-1.7' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO) SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: (YES) NO DUPLICATE SAMPLE NO. CAH-SB51-202 (1600)

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-1.7' DESCRIPTION: Silt (ML), med. stiff, moist, red, 15% clay, trace fine sand, numerous roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM** PROJECT NO. **M9602R**

SAMPLE NO. CAH-SB01-005 BORING NO. AOC-H SB01

DATE/TIME COLLECTED: 05/01/98 1634 PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: **Stainless steel split-spoon** 3-5' bgs

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: (YES) NO SPLIT SAMPLE NO. CAH-SB01-305

SAMPLE QC DUPLICATE: YES (NO) DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
3-4.7	silt (ML) med. stiff, moist, red, ~45% clay,
~~4.7-5.0' ml~~	trace fine sand
4.7-5.0'	silt (ML) v. stiff, moist to sl. moist, lt red,
	heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB01-010

BORING NO. AOC-H SB01

DATE/TIME COLLECTED: 05/01/98 1645

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8'-10' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8'-10'

DESCRIPTION: Silt (ML) hard, moist to sl. moist, lt. red, heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH SB01-020

BORING NO. AOC-H SB01

DATE/TIME COLLECTED: 05/01/98 1656

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18-19.6 bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 18-19.6 DESCRIPTION: Silt (ML), hard, sl. moist, lt. red, trace fine sand, heavily cemented; thin sand lense (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH SB01- 030

BORING NO. AOC-H SB01

DATE/TIME COLLECTED: 05/01/98 1720

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28'-28.7' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 28-28.7'

DESCRIPTION: Silt (ML) hard, sl. moist, lt. red, trace fine sand, heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB01-040

BORING NO. AOC-H SB01

DATE/TIME COLLECTED: 05/01/98 1735

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38'-39.1' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 38-39.1

DESCRIPTION: Silty sand (SM), dense, sl. moist, red, fine-grained, caliche nodules, moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB02-002

BORING NO. AOC-H SB02

DATE/TIME COLLECTED: 05/02/98 0750

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0-1.8' bgs

SAMPLE MEDIA: SOIL (YES) SEDIMENT (NO) SLUDGE (NO)

SAMPLE QA SPLIT: YES (YES) NO — SPLIT SAMPLE NO. CAH-SB02-302

SAMPLE QC DUPLICATE: YES NO (NO) — DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background: N.D.

Breathing zone: ↓

Boring: ↓

Headspace: ↓

SAMPLE DESCRIPTION

DEPTH: 0-1.8' DESCRIPTION: silt (ML), stiff, moist, red, trace clay, roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB02-005

BORING NO. AOC-H SB02

DATE/TIME COLLECTED: 05/02/98 0803

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3'-5' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: (YES) NO

DUPLICATE SAMPLE NO. CAH-SB52-205 (0700)

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ JK oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 3'-5'

DESCRIPTION: Silt (ML), stiff, moist, red to light red, very lightly cemented, few roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB02-010

BORING NO. AOC-H SB02

DATE/TIME COLLECTED: 05/02/98 0816

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8-10 bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

CAH-SB02-110

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 8-10'

DESCRIPTION: silt (ml), stiff, moist, light red, moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB02 -020

BORING NO. AOC-H SB02

DATE/TIME COLLECTED: 05/02/98 0833

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18.- 18.9' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES ~~NO~~

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES ~~NO~~

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
~~2~~ 1 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 18-18.9' DESCRIPTION: Silt (ML) hard, sl. moist, lt. red, heavily cemented (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB02-030

BORING NO. AOC-H SB02

DATE/TIME COLLECTED: 05/02/98 0843

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28-28.8' bgs

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 28-28.8' DESCRIPTION: Silt (ML) hard, sl. moist, lt. red, trace fine sand (caliche)

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM** PROJECT NO. **M9602R**

SAMPLE NO. CAH-SB02-040 BORING NO. AOC-14 SB02

DATE/TIME COLLECTED: 05/02/98 0856 PERSONNEL: M.Sonderman

SAMPLE METHOD / DEPTH: **Stainless steel split-spoon** 38'-38.9' bgs J. Keith

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES ~~NO~~

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 38'-38.9' DESCRIPTION: Silty Sand (SM), dense, sl. moist, lt red, fine-grained, moderately cemented

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB03 -002

BORING NO. SB03

DATE/TIME COLLECTED: 05/02/98 0928

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0 to 2

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM** PROJECT NO. **M9602R**

SAMPLE NO. CAH- SB03 - 005 BORING NO. SB03

DATE/TIME COLLECTED: 05/02/98 0935 PERSONNEL: M.Sonderman

SAMPLE METHOD / DEPTH: **Stainless steel split-spoon** 3 to 5' J. Keith

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES ~~NO~~ SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES ~~NO~~

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB03-010

BORING NO. SB03

DATE/TIME COLLECTED: 05/02/98 0942

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8 to 9.7'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES ~~NO~~

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
~~2~~ 8 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB03 - 020

BORING NO. SB03

DATE-TIME COLLECTED: 05/02/98 0954

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18 to 18.3 + 20 to 20.5

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. N/A

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. N/A

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background _____

Breathing zone _____

Boring _____

Headspace _____

SAMPLE DESCRIPTION

DEPTH: _____ DESCRIPTION: _____

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB03- 030 1017

BORING NO. SB03

DATE/TIME COLLECTED: 05/02/98

PERSONNEL: M.Sonderman
J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28 to 28.9

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB03-040

BORING NO. SB03

DATE/TIME COLLECTED: 05/02/98 1032

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38 to 38.5 + 40 to 41.5

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. N/A

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. N/A

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB04-002

BORING NO. SB04

DATE/TIME COLLECTED: 05/02/98 1203

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0 to 2

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SAMPLE QC DUPLICATE: (YES) NO

MS/MSD REQUESTED: YES (NO)

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. CAH-SB54-202 (1120)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB04- 005

BORING NO. SB04

DATE/TIME COLLECTED: 05/02/98 1214

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3 to 5'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. CAH- SB04- 305

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB04-010

BORING NO. SB04

DATE/TIME COLLECTED: 05/02/98 1225

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8 to 9.4

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB04- 020

BORING NO. SB04

DATE/TIME COLLECTED: 05/02/98 1242

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18 to 19.6'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB04-030

BORING NO. SB04

DATE-TIME COLLECTED: 05/02/98 1259

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28 to 28.9

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES (NO)

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES (NO)

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES (NO)

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8 oz.~~ glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB04 - 040

BORING NO. SB04

DATE/TIME COLLECTED: 05/02/98 1308

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38 to 39.4

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES ~~NO~~

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES ~~NO~~

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ JK oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB05-002

BORING NO. SB05

DATE/TIME COLLECTED: 05/02/98 1334

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0 to 1.8'

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

CAH-SB05-102

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM** PROJECT NO. **M9602R**

SAMPLE NO. CAH- SB05-005 BORING NO. SB05

DATE/TIME COLLECTED: 05/02/98 1342 PERSONNEL: M.Sonderman

SAMPLE METHOD / DEPTH: **Stainless steel split-spoon** 3 to 5 J. Keith

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB05-010

BORING NO. SB05

DATE/TIME COLLECTED: 05/02/98 1351

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8 to 9

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB05-020

BORING NO. SB05

DATE/TIME COLLECTED: 05/02/98 1405

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18 to 19.3

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background ND

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB05-030

BORING NO. SB05

DATE/TIME COLLECTED: 05/02/98 1417

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28 & 29

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB05-040

BORING NO. SB05

DATE/TIME COLLECTED: 05/02/98 1432

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38 to 38.3 + 39 to 40

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. N/A

DUPLICATE SAMPLE NO. N/A

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB06 - 002

BORING NO. SB06

DATE/TIME COLLECTED: 05/02/98 1526

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 0 to 1.7

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES ~~NO~~

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB06- 005

BORING NO. SB06

DATE/TIME COLLECTED: 05/02/98 1535

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 3 & 5

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES ~~NO~~

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES ~~NO~~

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB06-010

BORING NO. SB06

DATE/TIME COLLECTED: 05/02/98 1543

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 8 to 10

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	ND
Breathing zone	
Boring	
Headspace	

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB06-020

BORING NO. SB06

DATE/TIME COLLECTED: 5/02/98 1553 ~~18~~

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 18 to 19.3

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
8 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background N.D.

Breathing zone

Boring

Headspace

SAMPLE DESCRIPTION

DEPTH: 18 DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-SB06-030 ~~Hole JK~~

BORING NO. SB06

DATE/TIME COLLECTED: 05/02/98 1606

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 28 to 28.5 + 29-29.6

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO

DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
~~2.8~~ JK oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- SB06- 040

BORING NO. SB06

DATE/TIME COLLECTED: 05/02/98 1625

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel split-spoon 38 to 39.2

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
2 oz. glass jar	4° C	8260A VOCs
8 oz. glass jar	4° C	8270 SVOCs + 8081 Pest./PCBs
8 oz. glass jar	4° C	TAL Metals
8 oz. glass jar	4° C	8015 TPH (DRO) + 8151 Herb.s
2 ~~8~~ 32 oz. glass jar	4° C	8015 TPH (GRO)

HNU MEASUREMENTS

Background	N.D.
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: DESCRIPTION:

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: **Cannon AFB, NM** PROJECT NO. **M9602R**

SAMPLE NO. CAH-HA01-003 BORING NO. AOC-H HA01

DATE/TIME COLLECTED: 05/07/98 0746 PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: **Stainless steel hand auger**

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO SPLIT SAMPLE NO. NA

SAMPLE QC DUPLICATE: YES NO DUPLICATE SAMPLE NO. NA

MS/MSD REQUESTED: YES NO

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	8081 Pest./PCBs

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-3' DESCRIPTION: silt (ML), stiff, moist, red, trace fine sand, tree roots

fill in first 4 inches

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-HA02-004

BORING NO. AOC-H HA02

DATE/TIME COLLECTED: 05/07/98 0805

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	8081 Pest./PCBs

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-4'

DESCRIPTION: Silt (ML) stiff, moist, ~~too~~ slightly plastic, trace fine sand and clay, few tree roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- HA03- 004

BORING NO. ~~AOC~~ AOC-H HA03

DATE/TIME COLLECTED: 05/07/98 0828

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	8081 Pest./PCBs

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-4

DESCRIPTION: Silt (ML) stiff, moist, red, trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- HA04 -004

BORING NO. AOC-H HA04

DATE/TIME COLLECTED: 05/07/98 0844

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	8081 Pest./PCBs

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-4'

DESCRIPTION: silt (ML), stiff, moist, red, trace fine sand, few tree roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH- HA05-004

BORING NO. AOC-H HA05

DATE/TIME COLLECTED: 05/07/98 0901

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	8081 Pest./PCBs

HNU MEASUREMENTS

Background	NA
Breathing zone	
Boring	✓
Headspace	

SAMPLE DESCRIPTION

DEPTH: 0-4.0

DESCRIPTION: silt (ML), stiff, moist, red, trace fine sand

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-HA06-004

BORING NO. AOC-H HA06

DATE/TIME COLLECTED: 05/07/98 - 0943

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	8081 Pest./PCBs

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH:	DESCRIPTION:
0-3.5	Silt (ML), stiff, moist, red, trace fine sand
3.5-4.0	becomes lighter red with mottled color

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-HA07-004

BORING NO. AOC-H HA07

DATE/TIME COLLECTED: 05/07/98 1001

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	8081 Pest./PCBs

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-4

DESCRIPTION: Silt (ML), stiff, moist, red, trace fine sand, few tree roots

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, NM

PROJECT NO. M9602R

SAMPLE NO. CAH-HA08-002

BORING NO. ADC-H HA08

DATE/TIME COLLECTED: 05/07/98 1020

PERSONNEL: M.Sonderman, J. Keith

SAMPLE METHOD / DEPTH: Stainless steel hand auger

SAMPLE MEDIA: SOIL SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES NO

SAMPLE QC DUPLICATE: YES NO

MS/MSD REQUESTED: YES NO

SPLIT SAMPLE NO. NA

DUPLICATE SAMPLE NO. NA

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
8 oz. glass jar	4° C	8081 Pest./PCBs

HNU MEASUREMENTS

Background	NA
Breathing zone	↓
Boring	↓
Headspace	↓

SAMPLE DESCRIPTION

DEPTH: 0-2'

DESCRIPTION: Silt (ML), stiff, moist, red, trace fine sand, numerous tree roots

GENERAL COMMENTS

Refusal ~~to~~ due to tree roots, offset and tried again.

APPENDIX B

ANALYTICAL DATA

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-HA01-01			CAE-HA01-03			CAE-HA01-08			CAE-HA02-05		
COLLECT DATE	12/4/98			12/4/98			12/4/98			12/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	34	U	<	34	U	<	32	U	<	33	U
1,1,2,2-Tetrachloroethane	<	34	U	<	34	U	<	32	U	<	33	U
1,1,2-Trichloroethane	<	34	U	<	34	U	<	32	U	<	33	U
1,1-Dichloroethane	<	34	U	<	34	U	<	32	U	<	33	U
1,1-Dichloroethene	<	34	U	<	34	U	<	32	U	<	33	U
1,2-Dichloroethane	<	34	U	<	34	U	<	32	U	<	33	U
1,2-Dichloropropane	<	34	U	<	34	U	<	32	U	<	33	U
2-Hexanone	<	57	U	<	57	U	<	53	U	<	56	U
Acetone	<	57	U	<	57	U	<	53	U	<	56	U
Benzene	<	34	U	<	34	U	<	32	U	<	33	U
Bromodichloromethane	<	34	U	<	34	U	<	32	U	<	33	U
Bromoform	<	34	U	<	34	U	<	32	U	<	33	U
Bromomethane	<	34	U	<	34	U	<	32	U	<	33	U
Carbon Disulfide	<	34	U	<	34	U	<	32	U	<	33	U
Carbon Tetrachloride	<	34	U	<	34	U	<	32	U	<	33	U
Chlorobenzene	<	34	U	<	34	U	<	32	U	<	33	U
Chloroethane	<	34	U	<	34	U	<	32	U	<	33	U
Chloroform	<	34	U	<	34	U	<	32	U	<	33	U
Chloromethane	<	34	U	<	34	U	<	32	U	<	33	U
cis-1,2-Dichloroethylene	<	34	U	<	34	U	<	32	U	<	33	U
cis-1,3-Dichloropropene	<	34	U	<	34	U	<	32	U	<	33	U
Dibromochloromethane	<	34	U	<	34	U	<	32	U	<	33	U
Dichlorodifluoromethane	<	34	U	<	34	U	<	32	U	<	32	U
Ethylbenzene	<	34	U	<	34	U	<	32	U	<	33	U
M,P-Xylene (Sum of Isomers)	<	34	U	<	34	U	<	32	U	<	33	U
Methyl Ethyl Ketone (2-Butanone)	<	57	U	<	57	U	<	53	U	<	56	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	57	U	<	57	U	<	53	U	<	56	U
Methylene Chloride	<	34	U	<	34	U	<	32	U	<	33	U
O-Xylene (1,2-Dimethylbenzene)	<	34	U	<	34	U	<	32	U	<	33	U
Styrene	<	34	U	<	34	U	<	32	U	<	33	U
Tetrachloroethylene(PCE)	<	34	U	<	34	U	<	32	U	<	33	U
Toluene	<	34	U	<	34	U	<	32	U	<	33	U
trans-1,2-Dichloroethene	<	34	U	<	34	U	<	32	U	<	33	U
trans-1,3-Dichloropropene	<	34	U	<	34	U	<	32	U	<	33	U
Trichloroethylene (TCE)	<	34	U	<	34	U	<	32	U	<	33	U
Trichlorofluoromethane	<	34	U	<	34	U	<	32	U	<	33	U
Vinyl Chloride	<	34	U	<	34	U	<	32	U	<	33	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	380	U	<	380	U	<	350	U	<	370	U
1,2-Dichlorobenzene	<	380	U	<	380	U	<	350	U	<	370	U
1,2-Diphenylhydrazine	<	380	U	<	380	U	<	350	U	<	370	U
1,3-Dichlorobenzene	<	380	U	<	380	U	<	350	U	<	370	U
1,4-Dichlorobenzene	<	380	U	<	380	U	<	350	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	380	U	<	380	U	<	350	U	<	370	U
2,4,5-Trichlorophenol	<	380	U	<	380	U	<	350	U	<	370	U
2,4,6-Trichlorophenol	<	380	U	<	380	U	<	350	U	<	370	U
2,4-Dichlorophenol	<	380	U	<	380	U	<	350	U	<	370	U
2,4-Dimethylphenol	<	380	U	<	380	U	<	350	U	<	370	U
2,4-Dinitrophenol	<	760	U	<	760	U	<	700	U	<	740	U
2,4-Dinitrotoluene	<	380	U	<	380	U	<	350	U	<	370	U
2,6-Dinitrotoluene	<	380	U	<	380	U	<	350	U	<	370	U
2-Chloronaphthalene	<	380	U	<	380	U	<	350	U	<	370	U
2-Chlorophenol	<	380	U	<	380	U	<	350	U	<	370	U
2-Methylnaphthalene	<	380	U	<	380	U	<	350	U	<	370	U
2-Methylphenol (O-Cresol)	<	380	U	<	380	U	<	350	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-HA01-01			CAE-HA01-03			CAE-HA01-08			CAE-HA02-05		
COLLECT DATE	12/4/98			12/4/98			12/4/98			12/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	380	U	<	380	U	<	350	U	<	370	U
2-Nitrophenol	<	380	U	<	380	U	<	350	U	<	370	U
3,3'-Dichlorobenzidine	<	760	U	<	760	U	<	700	U	<	740	U
3-Nitroaniline	<	380	U	<	380	U	<	350	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	760	U	<	760	U	<	700	U	<	740	U
4-Bromophenyl Phenyl Ether	<	380	U	<	380	U	<	350	U	<	370	U
4-Chloro-3-Methylphenol	<	380	U	<	380	U	<	350	U	<	370	U
4-Chloroaniline	<	380	U	<	380	U	<	350	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	380	U	<	380	U	<	350	U	<	370	U
4-Methylphenol (P-Cresol)	<	380	U	<	380	U	<	350	U	<	370	U
4-Nitroaniline	<	380	U	<	380	U	<	350	U	<	370	U
4-Nitrophenol	<	760	U	<	760	U	<	700	U	<	740	U
Acenaphthene	<	380	U	<	380	U	<	350	U	<	370	U
Acenaphthylene	<	380	U	<	380	U	<	350	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	380	U	<	380	U	<	350	U	<	370	U
Anthracene	<	380	U	<	380	U	<	350	U	<	370	U
Benzo(a)anthracene	<	380	U	<	380	U	<	350	U	<	370	U
Benzo(a)pyrene	<	380	U	<	380	U	<	350	U	<	370	U
Benzo(b)fluoranthene	<	380	U	<	380	U	<	350	U	<	370	U
Benzo(g,h,i)perylene	<	380	U	<	380	U	<	350	U	<	370	U
Benzo(k)fluoranthene	<	380	U	<	380	U	<	350	U	<	370	U
Benzoic Acid	<	1900	U	<	1900	U	<	1800	U	<	1900	U
Benzyl Alcohol	<	380	U	<	380	U	<	350	U	<	370	U
Benzyl Butyl Phthalate	<	380	U	<	380	U	<	350	U	<	370	U
bis(2-Chloroethoxy) Methane	<	380	U	<	380	U	<	350	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	380	U	<	380	U	<	350	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	380	U	<	380	U	<	350	U	<	370	U
Carbazole	<	380	U	<	380	U	<	350	U	<	370	U
Chrysene	<	380	U	<	380	U	<	350	U	<	370	U
Di-N-Butyl Phthalate	<	380	U	<	380	U	<	350	U	<	370	U
Di-N-Octylphthalate	<	380	U	<	380	U	<	350	U	<	370	U
Dibenz(a,h)anthracene	<	380	U	<	380	U	<	350	U	<	370	U
Dibenzofuran	<	380	U	<	380	U	<	350	U	<	370	U
Diethyl Phthalate	<	380	U	<	380	U	<	350	U	<	370	U
Dimethyl Propanedioic	<	380	U	<	380	U	<	350	U	<	370	U
Fluoranthene	<	380	U	<	380	U	<	350	U	<	370	U
Fluorene	<	380	U	<	380	U	<	350	U	<	370	U
Hexachlorobenzene	<	380	U	<	380	U	<	350	U	<	370	U
Hexachlorobutadiene	<	380	U	<	380	U	<	350	U	<	370	U
Hexachlorocyclopentadiene	<	380	U	<	380	U	<	350	U	<	370	U
Hexachloroethane	<	380	U	<	380	U	<	350	U	<	370	U
Indeno(1,2,3-c,d)pyrene	<	380	U	<	380	U	<	350	U	<	370	U
Isophorone	<	380	U	<	380	U	<	350	U	<	370	U
N-Nitrosodi-N-Propylamine	<	380	U	<	380	U	<	350	U	<	370	U
N-Nitrosodiphenylamine	<	380	U	<	380	U	<	350	U	<	370	U
Naphthalene	<	380	U	<	380	U	<	350	U	<	370	U
Nitrobenzene	<	380	U	<	380	U	<	350	U	<	370	U
Pentachlorophenol	<	760	U	<	760	U	<	700	U	<	740	U
Phenanthrene	<	380	U	<	380	U	<	350	U	<	370	U
Phenol	<	380	U	<	380	U	<	350	U	<	370	U
Pyrene	<	380	U	<	380	U	<	350	U	<	370	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	1.9	U	<	1.9	U	<	1.8	U	<	1.9	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	1.9	U	<	1.9	U	<	1.8	U	<	1.9	U
Alpha Endosulfan	<	1.9	U	<	1.9	U	<	1.8	U	<	1.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-HA01-01			CAE-HA01-03			CAE-HA01-08			CAE-HA02-05		
COLLECT DATE	12/4/98			12/4/98			12/4/98			12/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	1.9	U	<	1.9	U	<	1.8	U	<	1.9	U
Beta BHC (Beta Hexachlorocyclohexane)	<	1.9	U	<	1.9	U	<	1.8	U	<	1.9	U
Beta Endosulfan	<	3.8	U	<	3.8	U	<	3.5	U	<	3.7	U
Chlordane	<	380	U	<	380	U	<	350	U	<	370	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	3.8	U	<	3.8	U	<	3.5	U	<	3.7	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	3.4	3.8		<	3.8	U	<	3.5	U	<	3.7	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	3.7	3.8		<	3.8	U	<	3.5	U	<	3.7	U
Delta BHC (Delta Hexachlorocyclohexane)	<	1.9	U	<	1.9	U	<	1.8	U	<	1.9	U
Dieldrin	<	3.8	U	<	3.8	U	<	3.5	U	<	3.7	U
Endosulfan Sulfate	<	3.8	U	<	3.8	U	<	3.5	U	<	3.7	U
Endrin	<	3.8	U	<	3.8	U	<	3.5	U	<	3.7	U
Endrin Aldehyde	<	3.8	U	<	3.8	U	<	3.5	U	<	3.7	U
Endrin Ketone	<	3.8	U	<	3.8	U	<	3.5	U	<	3.7	U
Gamma BHC (Lindane)	<	1.9	U	<	1.9	U	<	1.8	U	<	1.9	U
Gamma-Chlordane	<	1.9	U	<	1.9	U	<	1.8	U	<	1.9	U
Heptachlor	<	1.9	U	<	1.9	U	<	1.8	U	<	1.9	U
Heptachlor Epoxide	<	1.9	U	<	1.9	U	<	1.8	U	<	1.9	U
Methoxychlor	<	19	U	<	19	U	<	18	U	<	19	U
PCB-1016 (Arochlor 1016)	<	38	U	<	38	U	<	35	U	<	37	U
PCB-1221 (Arochlor 1221)	<	38	U	<	38	U	<	35	U	<	37	U
PCB-1232 (Arochlor 1232)	<	38	U	<	38	U	<	35	U	<	37	U
PCB-1242 (Arochlor 1242)	<	38	U	<	38	U	<	35	U	<	37	U
PCB-1248 (Arochlor 1248)	<	38	U	<	38	U	<	35	U	<	37	U
PCB-1254 (Arochlor 1254)	<	38	U	<	38	U	<	35	U	<	37	U
PCB-1260 (Arochlor 1260)	<	38	U	<	38	U	<	35	U	<	37	U
TOXaphene	<	190	U	<	190	U	<	180	U	<	190	U
METALS (mg/kg)												
Aluminum	12400	21		5240	21		7460	19		13400	19	
Antimony	2.6	6.2	J	2.5	6.2		<	5.8	U	2.8	5.7	
Arsenic	4.6	4.9		3.3	0.98		2.3	0.9		4.3	0.96	
Barium	97	21		163	21		396	19		95.2	19	
Beryllium	0.71	0.51		0.31	0.51		0.5	0.48		0.74	0.48	
Cadmium	<	0.51	U	<	0.51	U	<	0.48	U	<	0.48	U
Calcium	2540	510		226000	5100		133000	4800		2270	480	
Chromium, Total	10.7	1		18.4	1		11.9	0.96		10.3	0.95	
Cobalt	4.6	5.1		2.1	5.1		1.6	4.8		4.6	4.8	
Copper	8.8	2.6		2.9	2.6		2.4	2.4		8.5	2.4	
Iron	11800	10		3750	10		4170	9.6		11400	9.5	
Lead	10	1.5		3.1	0.29		4.7	0.27		9.1	0.29	
Magnesium	1800	510		2820	510		3880	480		2190	480	
Manganese	222	1.5		42.4	1.5		50.5	1.4		180	1.4	
Mercury	<	0.043	U	<	0.042	U	<	0.041	U	<	0.043	U
Nickel	10.1	4.1		5	4.1		4.7	3.9		10.7	3.8	
Potassium	2290	510		952	510		1450	480		2250	480	
Selenium	<	9.8	U	<	9.8	U	<	4.5	U	<	4.8	U
Silver	<	1	U	<	1	U	<	0.96	U	<	0.95	U
Sodium	23.8	510		53.9	510		332	480		43	480	
Thallium	0.16	0.98		<	0.98	U	<	0.9	U	<	0.96	U
Vanadium	23.8	5.1		11.2	5.1		9.3	4.8		21.1	4.8	
Zinc	25.7	2.1	J	9.3	2.1	E	11.5	1.9	E	27.8	1.9	E

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-HA02-08			CAE-HA02-13			CAE-HA03-03			CAE-HA03-08		
COLLECT DATE	12/4/98			12/4/98			12/4/98			12/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	32	U	<	32	U	<	34	U	<	33	U
1,1,2,2-Tetrachloroethane	<	32	U	<	32	U	<	34	U	<	33	U
1,1,2-Trichloroethane	<	32	U	<	32	U	<	34	U	<	33	U
1,1-Dichloroethane	<	32	U	<	32	U	<	34	U	<	33	U
1,1-Dichloroethene	<	32	U	<	32	U	<	34	U	<	33	U
1,2-Dichloroethane	<	32	U	<	32	U	<	34	U	<	33	U
1,2-Dichloropropane	<	32	U	<	32	U	<	34	U	<	33	U
2-Hexanone	<	53	U	<	54	U	<	56	U	<	54	U
Acetone	<	53	U	<	54	U	<	56	U	<	54	U
Benzene	<	32	U	<	32	U	<	34	U	<	33	U
Bromodichloromethane	<	32	U	<	32	U	<	34	U	<	33	U
Bromoform	<	32	U	<	32	U	<	34	U	<	33	U
Bromomethane	<	32	U	<	32	U	<	34	U	<	33	U
Carbon Disulfide	<	32	U	<	32	U	<	34	U	<	33	U
Carbon Tetrachloride	<	32	U	<	32	U	<	34	U	<	33	U
Chlorobenzene	<	32	U	<	32	U	<	34	U	<	33	U
Chloroethane	<	32	U	<	32	U	<	34	U	<	33	U
Chloroform	<	32	U	<	32	U	<	34	U	<	33	U
Chloromethane	<	32	U	<	32	U	<	34	U	<	33	U
cis-1,2-Dichloroethylene	<	32	U	<	32	U	<	34	U	<	33	U
cis-1,3-Dichloropropene	<	32	U	<	32	U	<	34	U	<	33	U
Dibromochloromethane	<	32	U	<	32	U	<	34	U	<	33	U
Dichlorodifluoromethane				<	32	U	<	34	U	<	33	U
Ethylbenzene	<	32	U	<	32	U	<	34	U	<	33	U
M,P-Xylene (Sum of Isomers)	<	32	U	<	32	U	<	34	U	<	33	U
Methyl Ethyl Ketone (2-Butanone)	<	53	U	<	54	U	<	56	U	<	54	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	53	U	<	54	U	<	56	U	<	54	U
Methylene Chloride	<	32	U	<	32	U	<	34	U	<	33	U
O-Xylene (1,2-Dimethylbenzene)	<	32	U	<	32	U	<	34	U	<	33	U
Styrene	<	32	U	<	32	U	<	34	U	<	33	U
Tetrachloroethylene(PCE)	<	32	U	<	32	U	<	34	U	<	33	U
Toluene	<	32	U	<	32	U	<	34	U	<	33	U
trans-1,2-Dichloroethene	<	32	U	<	32	U	<	34	U	<	33	U
trans-1,3-Dichloropropene	<	32	U	<	32	U	<	34	U	<	33	U
Trichloroethylene (TCE)	<	32	U	<	32	U	<	34	U	<	33	U
Trichlorofluoromethane	<	32	U	<	32	U	<	34	U	<	33	U
Vinyl Chloride	<	32	U	<	32	U	<	34	U	<	33	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	350	U	<	360	U	<	370	U	<	360	U
1,2-Dichlorobenzene	<	350	U	<	360	U	<	370	U	<	360	U
1,2-Diphenylhydrazine	<	350	U	<	360	U	<	370	U	<	360	U
1,3-Dichlorobenzene	<	350	U	<	360	U	<	370	U	<	360	U
1,4-Dichlorobenzene	<	350	U	<	360	U	<	370	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	350	U	<	360	U	<	370	U	<	360	U
2,4,5-Trichlorophenol	<	350	U	<	360	U	<	370	U	<	360	U
2,4,6-Trichlorophenol	<	350	U	<	360	U	<	370	U	<	360	U
2,4-Dichlorophenol	<	350	U	<	360	U	<	370	U	<	360	U
2,4-Dimethylphenol	<	350	U	<	360	U	<	370	U	<	360	U
2,4-Dinitrophenol	<	710	U	<	720	U	<	750	U	<	720	U
2,4-Dinitrotoluene	<	350	U	<	360	U	<	370	U	<	360	U
2,6-Dinitrotoluene	<	350	U	<	360	U	<	370	U	<	360	U
2-Chloronaphthalene	<	350	U	<	360	U	<	370	U	<	360	U
2-Chlorophenol	<	350	U	<	360	U	<	370	U	<	360	U
2-Methylnaphthalene	<	350	U	<	360	U	<	370	U	<	360	U
2-Methylphenol (O-Cresol)	<	350	U	<	360	U	<	370	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-HA02-08			CAE-HA02-13			CAE-HA03-03			CAE-HA03-08		
COLLECT DATE	12/4/98			12/4/98			12/4/98			12/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	350	U	<	360	U	<	370	U	<	360	U
2-Nitrophenol	<	350	U	<	360	U	<	370	U	<	360	U
3,3'-Dichlorobenzidine	<	710	U	<	720	U	<	750	U	<	720	U
3-Nitroaniline	<	350	U	<	360	U	<	370	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	710	U	<	720	U	<	750	U	<	720	U
4-Bromophenyl Phenyl Ether	<	350	U	<	360	U	<	370	U	<	360	U
4-Chloro-3-Methylphenol	<	350	U	<	360	U	<	370	U	<	360	U
4-Chloroaniline	<	350	U	<	360	U	<	370	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	350	U	<	360	U	<	370	U	<	360	U
4-Methylphenol (P-Cresol)	<	350	U	<	360	U	<	370	U	<	360	U
4-Nitroaniline	<	350	U	<	360	U	<	370	U	<	360	U
4-Nitrophenol	<	710	U	<	720	U	<	750	U	<	720	U
Acenaphthene	<	350	U	<	360	U	<	370	U	<	360	U
Acenaphthylene	<	350	U	<	360	U	<	370	U	<	360	U
Aniline (Phenylamine, Aminobenzene)	<	350	U	<	360	U	<	370	U	<	360	U
Anthracene	<	350	U	<	360	U	<	370	U	<	360	U
Benzo(a)anthracene	<	350	U	<	360	U	<	370	U	<	360	U
Benzo(a)pyrene	<	350	U	<	360	U	<	370	U	<	360	U
Benzo(b)fluoranthene	<	350	U	<	360	U	<	370	U	<	360	U
Benzo(g,h,i)perylene	<	350	U	<	360	U	<	370	U	<	360	U
Benzo(k)fluoranthene	<	350	U	<	360	U	<	370	U	<	360	U
Benzoic Acid	<	1800	U	<	1800	U	<	1900	U	<	1800	U
Benzyl Alcohol	<	350	U	<	360	U	<	370	U	<	360	U
Benzyl Butyl Phthalate	<	350	U	<	360	U	<	370	U	<	360	U
bis(2-Chloroethoxy) Methane	<	350	U	<	360	U	<	370	U	<	360	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	350	U	<	360	U	<	370	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	350	U	<	360	U	<	370	U	<	360	U
Carbazole	<	350	U	<	360	U	<	370	U	<	360	U
Chrysene	<	350	U	<	360	U	<	370	U	<	360	U
Di-N-Butyl Phthalate	<	350	U	<	360	U	<	370	U	<	360	U
Di-N-Octylphthalate	<	350	U	<	360	U	<	370	U	<	360	U
Dibenz(a,h)anthracene	<	350	U	<	360	U	<	370	U	<	360	U
Dibenzofuran	<	350	U	<	360	U	<	370	U	<	360	U
Diethyl Phthalate	<	350	U	<	360	U	<	370	U	<	360	U
Dimethyl Propanedioic	<	350	U	<	360	U	<	370	U	<	360	U
Fluoranthene	<	350	U	<	360	U	<	370	U	<	360	U
Fluorene	<	350	U	<	360	U	<	370	U	<	360	U
Hexachlorobenzene	<	350	U	<	360	U	<	370	U	<	360	U
Hexachlorobutadiene	<	350	U	<	360	U	<	370	U	<	360	U
Hexachlorocyclopentadiene	<	350	U	<	360	U	<	370	U	<	360	U
Hexachloroethane	<	350	U	<	360	U	<	370	U	<	360	U
Indeno(1,2,3-c,d)pyrene	<	350	U	<	360	U	<	370	U	<	360	U
Isophorone	<	350	U	<	360	U	<	370	U	<	360	U
N-Nitrosodi-N-Propylamine	<	350	U	<	360	U	<	370	U	<	360	U
N-Nitrosodiphenylamine	<	350	U	<	360	U	<	370	U	<	360	U
Naphthalene	<	350	U	<	360	U	<	370	U	<	360	U
Nitrobenzene	<	350	U	<	360	U	<	370	U	<	360	U
Pentachlorophenol	<	710	U	<	720	U	<	750	U	<	720	U
Phenanthrene	<	350	U	<	360	U	<	370	U	<	360	U
Phenol	<	350	U	<	360	U	<	370	U	<	360	U
Pyrene	<	350	U	<	360	U	<	370	U	<	360	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Alpha Endosulfan	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-HA02-08			CAE-HA02-13			CAE-HA03-03			CAE-HA03-08		
COLLECT DATE	12/4/98			12/4/98			12/4/98			12/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Beta BHC (Beta Hexachlorocyclohexane)	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Beta Endosulfan	<	3.5	U	<	3.5	U	<	3.7	U	<	3.6	U
Chlordane	<	350	U	<	350	U	<	370	U	<	360	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	3.5	U	<	3.5	U	<	3.7	U	<	3.6	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	3.5	U	<	3.5	U	<	3.7	U	<	3.6	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	3.5	U	<	3.5	U	<	3.7	U	<	3.6	U
Delta BHC (Delta Hexachlorocyclohexane)	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Dieldrin	<	3.5	U	<	3.5	U	<	3.7	U	<	3.6	U
Endosulfan Sulfate	<	3.5	U	<	3.5	U	<	3.7	U	<	3.6	U
Endrin	<	3.5	U	<	3.5	U	<	3.7	U	<	3.6	U
Endrin Aldehyde	<	3.5	U	<	3.5	U	<	3.7	U	<	3.6	U
Endrin Ketone	<	3.5	U	<	3.5	U	<	3.7	U	<	3.6	U
Gamma BHC (Lindane)	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Gamma-Chlordane	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Heptachlor	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Heptachlor Epoxide	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Methoxychlor	<	18	U	<	18	U	<	19	U	<	18	U
PCB-1016 (Arochlor 1016)	<	35	U	<	35	U	<	37	U	<	36	U
PCB-1221 (Arochlor 1221)	<	35	U	<	35	U	<	37	U	<	36	U
PCB-1232 (Arochlor 1232)	<	35	U	<	35	U	<	37	U	<	36	U
PCB-1242 (Arochlor 1242)	<	35	U	<	35	U	<	37	U	<	36	U
PCB-1248 (Arochlor 1248)	<	35	U	<	35	U	<	37	U	<	36	U
PCB-1254 (Arochlor 1254)	<	35	U	<	35	U	<	37	U	<	36	U
PCB-1260 (Arochlor 1260)	<	35	U	<	35	U	<	37	U	<	36	U
TOXaphene	<	180	U	<	180	U	<	190	U	<	180	U
METALS (mg/kg)												
Aluminum	9790	19		9620	19		13600	20		7480	20	
Antimony	<	5.7	U	2.8	5.8		2.9	6		<	6	U
Arsenic	4.3	0.91		4	0.93		4.4	0.94		3.3	0.93	
Barium	441	19		65.7	19		97.6	20		237	20	
Beryllium	0.56	0.48		0.64	0.48		0.75	0.5		0.43	0.5	
Cadmium	<	0.48	U	<	0.48	U	<	0.5	U	0.19	0.5	
Calcium	77800	4800		82100	4800		4850	500		197000	5000	
Chromium, Total	11.2	0.96		11.6	0.97		10.3	0.99		17.5	0.99	
Cobalt	3.4	4.8		3.3	4.8		4.7	5		2.4	5	
Copper	4.8	2.4		4.9	2.4		7.8	2.5		3.5	2.5	
Iron	7840	9.6		7380	9.7		11400	9.9		5240	9.9	
Lead	7.6	0.27		7.6	0.28		8.5	0.28		4.2	0.28	
Magnesium	3310	480		3810	480		2190	500		3160	500	
Manganese	125	1.4		126	1.5		155	1.5		57.3	1.5	
Mercury	<	0.042	U	<	0.042	U	<	0.039	U	<	0.041	U
Nickel	8.5	3.8		7.1	3.9		11.2	4		6	4	
Potassium	1800	480		1920	480		2340	500		1350	500	
Selenium	<	4.5	U	<	4.6	U	<	24	U	<	9.3	U
Silver	<	0.96	U	<	0.97	U	<	0.99	U	<	0.99	U
Sodium	216	480		268	480		42.4	500		64.9	500	
Thallium	<	0.91	U	<	0.93	U	0.18	0.94		<	0.93	U
Vanadium	24.8	4.8		22.5	4.8		21.5	5		15.5	5	
Zinc	19.2	1.9	E	18.2	1.9	E	24	2	E	12.6	2	E

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-HA03-13			CAE-HA04-02			CAE-HA04-06			CAE-HA04-10		
COLLECT DATE	12/4/98			12/4/98			12/4/98			12/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	32	U	<	34	U	<	32	U	<	33	U
1,1,2,2-Tetrachloroethane	<	32	U	<	34	U	<	32	U	<	33	U
1,1,2-Trichloroethane	<	32	U	<	34	U	<	32	U	<	33	U
1,1-Dichloroethane	<	32	U	<	34	U	<	32	U	<	33	U
1,1-Dichloroethene	<	32	U	<	34	U	<	32	U	<	33	U
1,2-Dichloroethane	<	32	U	<	34	U	<	32	U	<	33	U
1,2-Dichloropropane	<	32	U	<	34	U	<	32	U	<	33	U
2-Hexanone	<	54	U	<	56	U	<	53	U	<	56	U
Acetone	<	54	U	<	56	U	<	53	U	<	56	U
Benzene	<	32	U	<	34	U	<	32	U	<	33	U
Bromodichloromethane	<	32	U	<	34	U	<	32	U	<	33	U
Bromoform	<	32	U	<	34	U	<	32	U	<	33	U
Bromomethane	<	32	U	<	34	U	<	32	U	<	33	U
Carbon Disulfide	<	32	U	<	34	U	<	32	U	<	33	U
Carbon Tetrachloride	<	32	U	<	34	U	<	32	U	<	33	U
Chlorobenzene	<	32	U	<	34	U	<	32	U	<	33	U
Chloroethane	<	32	U	<	34	U	<	32	U	<	33	U
Chloroform	<	32	U	<	34	U	<	32	U	<	33	U
Chloromethane	<	32	U	<	34	U	<	32	U	<	33	U
cis-1,2-Dichloroethylene	<	32	U	<	34	U	<	32	U	<	33	U
cis-1,3-Dichloropropene	<	32	U	<	34	U	<	32	U	<	33	U
Dibromochloromethane	<	32	U	<	34	U	<	32	U	<	33	U
Dichlorodifluoromethane	<	32	U	<	34	U	<	32	U	<	33	U
Ethylbenzene	<	32	U	<	34	U	<	32	U	<	33	U
M,P-Xylene (Sum of Isomers)	<	32	U	<	34	U	<	32	U	<	33	U
Methyl Ethyl Ketone (2-Butanone)	<	54	U	<	56	U	<	53	U	<	56	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	54	U	<	56	U	<	53	U	<	56	U
Methylene Chloride	<	32	U	<	34	U	<	32	U	<	33	U
O-Xylene (1,2-Dimethylbenzene)	<	32	U	<	34	U	<	32	U	<	33	U
Styrene	<	32	U	<	34	U	<	32	U	<	33	U
Tetrachloroethylene(PCE)	<	32	U	<	34	U	<	32	U	<	33	U
Toluene	<	32	U	<	34	U	<	32	U	<	33	U
trans-1,2-Dichloroethene	<	32	U	<	34	U	<	32	U	<	33	U
trans-1,3-Dichloropropene	<	32	U	<	34	U	<	32	U	<	33	U
Trichloroethylene (TCE)	<	32	U	<	34	U	<	32	U	<	33	U
Trichlorofluoromethane	<	32	U	<	34	U	<	32	U	<	33	U
Vinyl Chloride	<	32	U	<	34	U	<	32	U	<	33	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	370	U	<	350	U	<	370	U
1,2-Dichlorobenzene	<	360	U	<	370	U	<	350	U	<	370	U
1,2-Diphenylhydrazine	<	360	U	<	370	U	<	350	U	<	370	U
1,3-Dichlorobenzene	<	360	U	<	370	U	<	350	U	<	370	U
1,4-Dichlorobenzene	<	360	U	<	370	U	<	350	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	370	U	<	350	U	<	370	U
2,4,5-Trichlorophenol	<	360	U	<	370	U	<	350	U	<	370	U
2,4,6-Trichlorophenol	<	360	U	<	370	U	<	350	U	<	370	U
2,4-Dichlorophenol	<	360	U	<	370	U	<	350	U	<	370	U
2,4-Dimethylphenol	<	360	U	<	370	U	<	350	U	<	370	U
2,4-Dinitrophenol	<	720	U	<	750	U	<	710	U	<	740	U
2,4-Dinitrotoluene	<	360	U	<	370	U	<	350	U	<	370	U
2,6-Dinitrotoluene	<	360	U	<	370	U	<	350	U	<	370	U
2-Chloronaphthalene	<	360	U	<	370	U	<	350	U	<	370	U
2-Chlorophenol	<	360	U	<	370	U	<	350	U	<	370	U
2-Methylnaphthalene	<	360	U	<	370	U	<	350	U	<	370	U
2-Methylphenol (O-Cresol)	<	360	U	<	370	U	<	350	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-HA03-13			CAE-HA04-02			CAE-HA04-06			CAE-HA04-10		
COLLECT DATE	12/4/98			12/4/98			12/4/98			12/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	360	U	<	370	U	<	350	U	<	370	U
2-Nitrophenol	<	360	U	<	370	U	<	350	U	<	370	U
3,3'-Dichlorobenzidine	<	720	U	<	750	U	<	710	U	<	740	U
3-Nitroaniline	<	360	U	<	370	U	<	350	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	720	U	<	750	U	<	710	U	<	740	U
4-Bromophenyl Phenyl Ether	<	360	U	<	370	U	<	350	U	<	370	U
4-Chloro-3-Methylphenol	<	360	U	<	370	U	<	350	U	<	370	U
4-Chloroaniline	<	360	U	<	370	U	<	350	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	370	U	<	350	U	<	370	U
4-Methylphenol (P-Cresol)	<	360	U	<	370	U	<	350	U	<	370	U
4-Nitroaniline	<	360	U	<	370	U	<	350	U	<	370	U
4-Nitrophenol	<	720	U	<	750	U	<	710	U	<	740	U
Acenaphthene	<	360	U	<	370	U	<	350	U	<	370	U
Acenaphthylene	<	360	U	<	370	U	<	350	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	360	U	<	370	U	<	350	U	<	370	U
Anthracene	<	360	U	<	370	U	<	350	U	<	370	U
Benzo(a)anthracene	<	360	U	<	370	U	<	350	U	<	370	U
Benzo(a)pyrene	<	360	U	<	370	U	<	350	U	<	370	U
Benzo(b)fluoranthene	<	360	U	<	370	U	<	350	U	<	370	U
Benzo(g,h,i)perylene	<	360	U	<	370	U	<	350	U	<	370	U
Benzo(k)fluoranthene	<	360	U	<	370	U	<	350	U	<	370	U
Benzoic Acid	<	1800	U	<	1900	U	<	1800	U	<	1900	U
Benzyl Alcohol	<	360	U	<	370	U	<	350	U	<	370	U
Benzyl Butyl Phthalate	<	360	U	<	370	U	<	350	U	<	370	U
bis(2-Chloroethoxy) Methane	<	360	U	<	370	U	<	350	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	360	U	<	370	U	<	350	U	<	370	U
bis(2-Ethylhexyl) Phthalate	130	360		<	370	U	<	350	U	<	370	U
Carbazole	<	360	U	<	370	U	<	350	U	<	370	U
Chrysene	<	360	U	<	370	U	<	350	U	<	370	U
Di-N-Butyl Phthalate	<	360	U	<	370	U	<	350	U	<	370	U
Di-N-Octylphthalate	<	360	U	<	370	U	<	350	U	<	370	U
Dibenz(a,h)anthracene	<	360	U	<	370	U	<	350	U	<	370	U
Dibenzofuran	<	360	U	<	370	U	<	350	U	<	370	U
Diethyl Phthalate	<	360	U	<	370	U	<	350	U	<	370	U
Dimethyl Propanedioic	<	360	U	<	370	U	<	350	U	<	370	U
Fluoranthene	<	360	U	<	370	U	<	350	U	<	370	U
Fluorene	<	360	U	<	370	U	<	350	U	<	370	U
Hexachlorobenzene	<	360	U	<	370	U	<	350	U	<	370	U
Hexachlorobutadiene	<	360	U	<	370	U	<	350	U	<	370	U
Hexachlorocyclopentadiene	<	360	U	<	370	U	<	350	U	<	370	U
Hexachloroethane	<	360	U	<	370	U	<	350	U	<	370	U
Indeno(1,2,3-c,d)pyrene	<	360	U	<	370	U	<	350	U	<	370	U
Isophorone	<	360	U	<	370	U	<	350	U	<	370	U
N-Nitrosodi-N-Propylamine	<	360	U	<	370	U	<	350	U	<	370	U
N-Nitrosodiphenylamine	<	360	U	<	370	U	<	350	U	<	370	U
Naphthalene	<	360	U	<	370	U	<	350	U	<	370	U
Nitrobenzene	<	360	U	<	370	U	<	350	U	<	370	U
Pentachlorophenol	<	720	U	<	750	U	<	710	U	<	740	U
Phenanthrene	<	360	U	<	370	U	<	350	U	<	370	U
Phenol	<	360	U	<	370	U	<	350	U	<	370	U
Pyrene	<	360	U	<	370	U	<	350	U	<	370	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	1.8	U	<	1.9	U	<	1.8	U	<	1.9	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	1.8	U	<	1.9	U	<	1.8	U	<	1.9	U
Alpha Endosulfan	<	1.8	U	<	1.9	U	<	1.8	U	<	1.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-HA03-13			CAE-HA04-02			CAE-HA04-06			CAE-HA04-10		
COLLECT DATE	12/4/98			12/4/98			12/4/98			12/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	1.8	U	<	1.9	U	<	1.8	U	<	1.9	U
Beta BHC (Beta Hexachlorocyclohexane)	<	1.8	U	<	1.9	U	<	1.8	U	<	1.9	U
Beta Endosulfan	<	3.5	U	<	3.7	U	<	3.5	U	<	3.7	U
Chlordane	<	350	U	<	370	U	<	350	U	<	370	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	3.5	U	<	3.7	U	<	3.5	U	<	3.7	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	3.5	U	<	3.7	U	<	3.5	U	<	3.7	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	3.5	U	<	3.7	U	<	3.5	U	<	3.7	U
Delta BHC (Delta Hexachlorocyclohexane)	<	1.8	U	<	1.9	U	<	1.8	U	<	1.9	U
Dieldrin	<	3.5	U	<	3.7	U	<	3.5	U	<	3.7	U
Endosulfan Sulfate	<	3.5	U	<	3.7	U	<	3.5	U	<	3.7	U
Endrin	<	3.5	U	<	3.7	U	<	3.5	U	<	3.7	U
Endrin Aldehyde	<	3.5	U	<	3.7	U	<	3.5	U	<	3.7	U
Endrin Ketone	<	3.5	U	<	3.7	U	<	3.5	U	<	3.7	U
Gamma BHC (Lindane)	<	1.8	U	<	1.9	U	<	1.8	U	<	1.9	U
Gamma-Chlordane	<	1.8	U	<	1.9	U	<	1.8	U	<	1.9	U
Heptachlor	<	1.8	U	<	1.9	U	<	1.8	U	<	1.9	U
Heptachlor Epoxide	<	1.8	U	<	1.9	U	<	1.8	U	<	1.9	U
Methoxychlor	<	18	U	<	19	U	<	18	U	<	19	U
PCB-1016 (Arochlor 1016)	<	35	U	<	37	U	<	35	U	<	37	U
PCB-1221 (Arochlor 1221)	<	35	U	<	37	U	<	35	U	<	37	U
PCB-1232 (Arochlor 1232)	<	35	U	<	37	U	<	35	U	<	37	U
PCB-1242 (Arochlor 1242)	<	35	U	<	37	U	<	35	U	<	37	U
PCB-1248 (Arochlor 1248)	<	35	U	<	37	U	<	35	U	<	37	U
PCB-1254 (Arochlor 1254)	<	35	U	<	37	U	<	35	U	<	37	U
PCB-1260 (Arochlor 1260)	<	35	U	<	37	U	<	35	U	<	37	U
TOXaphene	<	180	U	<	190	U	<	180	U	<	190	U
METALS (mg/kg)												
Aluminum	7490	18		12900	20		3660	89		8670	19	
Antimony	2	5.3		3.2	6		<	27	U	2.2	5.8	
Arsenic	2.9	0.92		4.5	0.98		2.7	0.92		4.4	0.96	
Barium	201	18		163	20		1310	89		150	19	
Beryllium	0.52	0.44		0.73	0.5		0.31	2.2		0.51	0.48	
Cadmium	<	0.44	U	<	0.5	U	<	2.2	U	0.2	0.48	
Calcium	59000	4400		6580	500		121000	2200		95800	4800	
Chromium, Total	9.1	0.89		10.2	1		9.4	4.4		12.4	0.97	
Cobalt	2.9	4.4		4.3	5		<	22	U	3.1	4.8	
Copper	3.3	2.2		6.8	2.5		2.2	11		4.7	2.4	
Iron	6010	8.9		10900	10		2340	44		6530	9.7	
Lead	6.4	0.28		8.1	0.29		3.5	0.27		6.2	0.29	
Magnesium	3250	440		2280	500		2620	2200		3050	480	
Manganese	104	1.3		122	1.5		30.2	6.6		77.6	1.4	
Mercury	<	0.038	U	<	0.041	U	<	0.041	U	<	0.04	U
Nickel	6.7	3.6		10.9	4		3.5	3.5		8.1	3.9	
Potassium	1760	440		2280	500		675	2200		1680	480	
Selenium	<	4.6	U	<	24	U	<	9.2	U	<	24	U
Silver	<	0.89	U	<	1	U	<	4.4	U	<	0.97	U
Sodium	127	440		29.5	500		132	2200		46.9	480	
Thallium	<	0.92	U	0.25	0.98		<	0.92	U	<	0.96	U
Vanadium	14.6	4.4		21.8	5		4.8	22		19.5	4.8	
Zinc	14.9	1.8	E	22.4	2	E	5.9	8.9	E	15.3	1.9	E

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB01-002			CAE-SB01-202			CAE-SB01-005			CAE-SB01-010		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	13	U	<	11	U	<	12	U
1,1,2,2-Tetrachloroethane	<	11	U	<	13	U	<	11	U	<	12	U
1,1,2-Trichloroethane	<	11	U	<	13	U	<	11	U	<	12	U
1,1-Dichloroethane	<	11	U	<	13	U	<	11	U	<	12	U
1,1-Dichloroethene	<	11	U	<	13	U	<	11	U	<	12	U
1,2-Dichloroethane	<	11	U	<	13	U	<	11	U	<	12	U
1,2-Dichloropropane	<	11	U	<	13	U	<	11	U	<	12	U
2-Hexanone	<	19	U	<	21	U	<	19	U	<	20	U
Acetone	<	21	U	<	21	U	<	19	U	<	21	U
Benzene	<	11	U	<	13	U	<	11	U	<	12	U
Bromodichloromethane	<	11	U	<	13	U	<	11	U	<	12	U
Bromoform	<	11	U	<	13	U	<	11	U	<	12	U
Bromomethane	<	11	U	<	13	U	<	11	U	<	12	U
Carbon Disulfide	<	11	U	<	13	U	<	11	U	<	12	U
Carbon Tetrachloride	<	11	U	<	13	U	<	11	U	<	12	U
Chlorobenzene	<	11	U	<	13	U	<	11	U	<	12	U
Chloroethane	<	11	U	<	13	U	<	11	U	<	12	U
Chloroform	<	11	U	<	13	U	<	11	U	<	12	U
Chloromethane	<	11	U	<	13	U	<	11	U	<	12	U
cis-1,2-Dichloroethylene	<	11	U	<	13	U	<	11	U	<	12	U
cis-1,3-Dichloropropene	<	11	U	<	13	U	<	11	U	<	12	U
Dibromochloromethane	<	11	U	<	13	U	<	11	U	<	12	U
Dichlorodifluoromethane	<	11	U	<	13	U	<	11	U	<	12	U
Ethylbenzene	<	11	U	<	13	U	<	11	U	<	12	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	13	U	<	11	U	<	12	U
Methyl Ethyl Ketone (2-Butanone)	<	19	U	<	21	U	<	19	U	<	20	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	19	U	<	21	U	<	19	U	<	20	U
Methylene Chloride	<	34	U	<	31	U	<	28	U	<	30	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	13	U	<	11	U	<	12	U
Styrene	<	11	U	<	13	U	<	11	U	<	12	U
Tetrachloroethylene(PCE)	<	11	U	<	13	U	<	11	U	<	12	U
Toluene	<	11	U	<	13	U	<	11	U	<	12	U
trans-1,2-Dichloroethene	<	11	U	<	13	U	<	11	U	<	12	U
trans-1,3-Dichloropropene	<	11	U	<	13	U	<	11	U	<	12	U
Trichloroethylene (TCE)	<	11	U	<	13	U	<	11	U	<	12	U
Trichlorofluoromethane	<	11	U	<	13	U	<	11	U	<	12	U
Vinyl Chloride	<	11	U	<	13	U	<	11	U	<	12	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	370	U	<	420	U	<	370	U	<	390	U
1,2-Dichlorobenzene	<	370	U	<	420	U	<	370	U	<	390	U
1,2-Diphenylhydrazine	<	370	U	<	420	U	<	370	U	<	390	U
1,3-Dichlorobenzene	<	370	U	<	420	U	<	370	U	<	390	U
1,4-Dichlorobenzene	<	370	U	<	420	U	<	370	U	<	390	U
2,2'-Oxybis(1-Chloro)Propane	<	370	U	<	420	U	<	370	U	<	390	U
2,4,5-Trichlorophenol	<	370	U	<	420	U	<	370	U	<	390	U
2,4,6-Trichlorophenol	<	370	U	<	420	U	<	370	U	<	390	U
2,4-Dichlorophenol	<	370	U	<	420	U	<	370	U	<	390	U
2,4-Dimethylphenol	<	370	U	<	420	U	<	370	U	<	390	U
2,4-Dinitrophenol	<	740	U	<	830	U	<	740	U	<	790	U
2,4-Dinitrotoluene	<	370	U	<	420	U	<	370	U	<	390	U
2,6-Dinitrotoluene	<	370	U	<	420	U	<	370	U	<	390	U
2-Chloronaphthalene	<	370	U	<	420	U	<	370	U	<	390	U
2-Chlorophenol	<	370	U	<	420	U	<	370	U	<	390	U
2-Methylnaphthalene	<	370	U	<	420	U	<	370	U	<	390	U
2-Methylphenol (O-Cresol)	<	370	U	<	420	U	<	370	U	<	390	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB01-002			CAE-SB01-202			CAE-SB01-005			CAE-SB01-010		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	370	U	<	420	U	<	370	U	<	390	U
2-Nitrophenol	<	370	U	<	420	U	<	370	U	<	390	U
3,3'-Dichlorobenzidine	<	740	U	<	830	U	<	740	U	<	790	U
3-Nitroaniline	<	370	U	<	420	U	<	370	U	<	390	U
4,6-Dinitro-2-Methylphenol	<	740	U	<	830	U	<	740	U	<	790	U
4-Bromophenyl Phenyl Ether	<	370	U	<	420	U	<	370	U	<	390	U
4-Chloro-3-Methylphenol	<	370	U	<	420	U	<	370	U	<	390	U
4-Chloroaniline	<	370	U	<	420	U	<	370	U	<	390	U
4-Chlorophenyl Phenyl Ether	<	370	U	<	420	U	<	370	U	<	390	U
4-Methylphenol (P-Cresol)	<	370	U	<	420	U	<	370	U	<	390	U
4-Nitroaniline	<	370	U	<	420	U	<	370	U	<	390	U
4-Nitrophenol	<	740	U	<	830	U	<	740	U	<	790	U
Acenaphthene	<	370	U	<	420	U	<	370	U	<	390	U
Acenaphthylene	<	370	U	<	420	U	<	370	U	<	390	U
Aniline (Phenylamine, Aminobenzene)	<	370	U	<	420	U	<	370	U	<	390	U
Anthracene	<	370	U	<	420	U	<	370	U	<	390	U
Benzo(a)anthracene	<	370	U	<	420	U	<	370	U	<	390	U
Benzo(a)pyrene	<	370	U	<	420	U	<	370	U	<	390	U
Benzo(b)fluoranthene	<	370	U	<	420	U	<	370	U	<	390	U
Benzo(g,h,i)perylene	<	370	U	<	420	U	<	370	U	<	390	U
Benzo(k)fluoranthene	<	370	U	<	420	U	<	370	U	<	390	U
Benzoic Acid	<	1900	U	<	2100	U	<	1900	U	<	2000	U
Benzyl Alcohol	<	370	U	<	420	U	<	370	U	<	390	U
Benzyl Butyl Phthalate	<	370	U	<	420	U	<	370	U	<	390	U
bis(2-Chloroethoxy) Methane	<	370	U	<	420	U	<	370	U	<	390	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	370	U	<	420	U	<	370	U	<	390	U
bis(2-Ethylhexyl) Phthalate	56	370		<	420	U	57	370		260	390	
Carbazole	<	370	U	<	420	U	<	370	U	<	390	U
Chrysene	<	370	U	<	420	U	<	370	U	<	390	U
Di-N-Butyl Phthalate	<	370	U	<	420	U	<	370	U	<	390	U
Di-N-Octylphthalate	<	370	U	<	420	U	<	370	U	<	390	U
Dibenz(a,h)anthracene	<	370	U	<	420	U	<	370	U	<	390	U
Dibenzofuran	<	370	U	<	420	U	<	370	U	<	390	U
Diethyl Phthalate	<	370	U	<	420	U	<	370	U	<	390	U
Dimethyl Propanedioic	<	370	U	<	420	U	<	370	U	<	390	U
Fluoranthene	<	370	U	<	420	U	<	370	U	<	390	U
Fluorene	<	370	U	<	420	U	<	370	U	<	390	U
Hexachlorobenzene	<	370	U	<	420	U	<	370	U	<	390	U
Hexachlorobutadiene	<	370	U	<	420	U	<	370	U	<	390	U
Hexachlorocyclopentadiene	<	370	U	<	420	U	<	370	U	<	390	U
Hexachloroethane	<	370	U	<	420	U	<	370	U	<	390	U
Indeno(1,2,3-c,d)pyrene	<	370	U	<	420	U	<	370	U	<	390	U
Isophorone	<	370	U	<	420	U	<	370	U	<	390	U
N-Nitrosodi-N-Propylamine	<	370	U	<	420	U	<	370	U	<	390	U
N-Nitrosodiphenylamine	<	370	U	<	420	U	<	370	U	<	390	U
Naphthalene	<	370	U	<	420	U	<	370	U	<	390	U
Nitrobenzene	<	370	U	<	420	U	<	370	U	<	390	U
Pentachlorophenol	<	740	U	<	830	U	<	740	U	<	790	U
Phenanthrene	<	370	U	<	420	U	<	370	U	<	390	U
Phenol	<	370	U	<	420	U	<	370	U	<	390	U
Pyrene	<	370	U	<	420	U	<	370	U	<	390	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.8	U	<	4.3	U	<	3.8	U	<	4	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.8	U	<	4.3	U	<	3.8	U	<	4	U
Alpha Endosulfan	<	3.8	U	<	4.3	U	<	3.8	U	<	4	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB01-002			CAE-SB01-202			CAE-SB01-005			CAE-SB01-010		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.8	U	<	4.3	U	<	3.8	U	<	4	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.8	U	<	4.3	U	<	3.8	U	<	4	U
Beta Endosulfan	<	7.4	U	<	8.2	U	<	7.4	U	<	7.8	U
Chlordane	<	740	U	<	830	U	<	740	U	<	780	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.4	U	<	8.2	U	<	7.4	U	<	7.8	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.4	U	<	8.2	U	<	7.4	U	<	7.8	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.4	U	<	8.2	U	<	7.4	U	<	7.8	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.8	U	<	4.3	U	<	3.8	U	<	4	U
Dieldrin	<	7.4	U	<	8.2	U	<	7.4	U	<	7.8	U
Endosulfan Sulfate	<	7.4	U	<	8.2	U	<	7.4	U	<	7.8	U
Endrin	<	7.4	U	<	8.2	U	<	7.4	U	<	7.8	U
Endrin Aldehyde	<	7.4	U	<	8.2	U	<	7.4	U	<	7.8	U
Endrin Ketone	<	7.4	U	<	8.2	U	<	7.4	U	<	7.8	U
Gamma BHC (Lindane)	<	3.8	U	<	4.3	U	<	3.8	U	<	4	U
Gamma-Chlordane	<	3.8	U	<	4.3	U	<	3.8	U	<	4	U
Heptachlor	<	3.8	U	<	4.3	U	<	3.8	U	<	4	U
Heptachlor Epoxide	<	3.8	U	<	4.3	U	<	3.8	U	<	4	U
Methoxychlor	<	38	U	<	43	U	<	38	U	<	40	U
PCB-1016 (Arochlor 1016)	<	74	U	<	83	U	<	74	U	<	78	U
PCB-1221 (Arochlor 1221)	<	74	U	<	83	U	<	74	U	<	78	U
PCB-1232 (Arochlor 1232)	<	74	U	<	83	U	<	74	U	<	78	U
PCB-1242 (Arochlor 1242)	<	74	U	<	83	U	<	74	U	<	78	U
PCB-1248 (Arochlor 1248)	<	74	U	<	83	U	<	74	U	<	78	U
PCB-1254 (Arochlor 1254)	<	74	U	<	83	U	<	74	U	<	78	U
PCB-1260 (Arochlor 1260)	<	74	U	<	83	U	<	74	U	<	78	U
TOXaphene	<	380	U	<	430	U	<	380	U	<	400	U
METALS (mg/kg)												
Aluminum	19900	21		21800	23		16700	21		8260	24	
Antimony	<	6.3	U	<	6.9	U	<	6.2	U	<	7.1	U
Arsenic	2.6	2		3.8	2.3		1.9	2	J	1.6	2.1	J
Barium	104	21	J	161	23		144	21	J	98.9	24	J
Beryllium	0.87	0.53		0.87	0.57		0.69	0.52		0.39	0.59	J
Cadmium	0.22	0.53	J	0.3	0.57		0.15	0.52	J	<	0.59	U
Calcium	5570	530		13900	570		58000	520		212000	2900	
Chromium, Total	14.3	1.1		15.6	1.1		14.6	1		18	1.2	
Cobalt	5.2	5.3	J	6.1	5.7		4.3	5.2	J	1.8	5.9	J
Copper	8.4	2.6		9.6	2.9		7.9	2.6		2.3	2.9	J
Iron	14400	11		15500	11		11200	10		5010	12	
Lead	8.3	0.3		12.2	0.35		5.8	0.3		3.4	0.32	
Magnesium	2540	530		3040	570		2730	520		3670	590	
Manganese	198	1.6		283	1.7		166	1.5		49.2	1.8	
Mercury	<	0.23	U	<	0.23	U	<	0.15	U	<	0.19	U
Nickel	12.3	4.2		13.2	4.6		10.6	4.1		6.2	4.7	
Potassium	3140	530		3550	570		2760	520		1560	590	
Selenium	<	2.6	U	<	3	U	<	2.7	U	<	2.6	U
Silver	<	1.1	U	<	1.1	U	<	1	U	<	1.2	U
Sodium	38.6	530	J	48.4	570		47.1	520	J	141	590	J
Thallium	0.23	0.99	J	<	1.2	U	<	1	U	<	1.1	U
Vanadium	29.4	5.3		33.2	5.7		23.3	5.2		13.6	5.9	
Zinc	34.1	2.1		39.9	2.3		28.5	2.1		13.3	2.4	

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB01-020			CAE-SB01-030			CAE-SB01-040			CAE-SB02-002		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	12	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	12	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	19	U	<	18	U	<	18	U	<	19	U
Acetone	<	20	U	<	18	U	<	18	U	<	19	U
Benzene	<	12	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	12	U	<	11	U	<	11	U	<	11	U
Bromoform	<	12	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	12	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	12	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	12	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	12	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	12	U	<	11	U	<	11	U	<	11	U
Chloroform	<	12	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	12	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	12	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	12	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	12	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	12	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	12	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	19	U	<	18	U	<	18	U	<	19	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	19	U	<	18	U	<	18	U	<	19	U
Methylene Chloride	<	33	U	<	28	U	<	28	U	<	25	U
O-Xylene (1,2-Dimethylbenzene)	<	12	U	<	11	U	<	11	U	<	11	U
Styrene	<	12	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	12	U	<	11	U	<	11	U	<	11	U
Toluene	<	12	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	12	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	12	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	12	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	12	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	390	U	<	360	U	<	360	U	<	380	U
1,2-Dichlorobenzene	<	390	U	<	360	U	<	360	U	<	380	U
1,2-Diphenylhydrazine	<	390	U	<	360	U	<	360	U	<	380	U
1,3-Dichlorobenzene	<	390	U	<	360	U	<	360	U	<	380	U
1,4-Dichlorobenzene	<	390	U	<	360	U	<	360	U	<	380	U
2,2'-Oxybis(1-Chloro)Propane	<	390	U	<	360	U	<	360	U	<	380	U
2,4,5-Trichlorophenol	<	390	U	<	360	U	<	360	U	<	380	U
2,4,6-Trichlorophenol	<	390	U	<	360	U	<	360	U	<	380	U
2,4-Dichlorophenol	<	390	U	<	360	U	<	360	U	<	380	U
2,4-Dimethylphenol	<	390	U	<	360	U	<	360	U	<	380	U
2,4-Dinitrophenol	<	770	U	<	730	U	<	710	U	<	760	U
2,4-Dinitrotoluene	<	390	U	<	360	U	<	360	U	<	380	U
2,6-Dinitrotoluene	<	390	U	<	360	U	<	360	U	<	380	U
2-Chloronaphthalene	<	390	U	<	360	U	<	360	U	<	380	U
2-Chlorophenol	<	390	U	<	360	U	<	360	U	<	380	U
2-Methylnaphthalene	<	390	U	<	360	U	<	360	U	<	380	U
2-Methylphenol (O-Cresol)	<	390	U	<	360	U	<	360	U	<	380	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB01-020			CAE-SB01-030			CAE-SB01-040			CAE-SB02-002		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	390	U	<	360	U	<	360	U	<	380	U
2-Nitrophenol	<	390	U	<	360	U	<	360	U	<	380	U
3,3'-Dichlorobenzidine	<	770	U	<	730	U	<	710	U	<	760	U
3-Nitroaniline	<	390	U	<	360	U	<	360	U	<	380	U
4,6-Dinitro-2-Methylphenol	<	770	U	<	730	U	<	710	U	<	760	U
4-Bromophenyl Phenyl Ether	<	390	U	<	360	U	<	360	U	<	380	U
4-Chloro-3-Methylphenol	<	390	U	<	360	U	<	360	U	<	380	U
4-Chloroaniline	<	390	U	<	360	U	<	360	U	<	380	U
4-Chlorophenyl Phenyl Ether	<	390	U	<	360	U	<	360	U	<	380	U
4-Methylphenol (P-Cresol)	<	390	U	<	360	U	<	360	U	<	380	U
4-Nitroaniline	<	390	U	<	360	U	<	360	U	<	380	U
4-Nitrophenol	<	770	U	<	730	U	<	710	U	<	760	U
Acenaphthene	<	390	U	<	360	U	<	360	U	<	380	U
Acenaphthylene	<	390	U	<	360	U	<	360	U	<	380	U
Aniline (Phenylamine, Aminobenzene)	<	390	U	<	360	U	<	360	U	<	380	U
Anthracene	<	390	U	<	360	U	<	360	U	<	380	U
Benzo(a)anthracene	<	390	U	<	360	U	<	360	U	<	380	U
Benzo(a)pyrene	<	390	U	<	360	U	<	360	U	<	380	U
Benzo(b)fluoranthene	<	390	U	<	360	U	<	360	U	<	380	U
Benzo(g,h,i)perylene	<	390	U	<	360	U	<	360	U	<	380	U
Benzo(k)fluoranthene	<	390	U	<	360	U	<	360	U	<	380	U
Benzoic Acid	<	1900	U	<	1800	U	<	1800	U	<	1900	U
Benzyl Alcohol	<	390	U	<	360	U	<	360	U	<	380	U
Benzyl Butyl Phthalate	<	390	U	<	360	U	<	360	U	<	380	U
bis(2-Chloroethoxy) Methane	<	390	U	<	360	U	<	360	U	<	380	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	390	U	<	360	U	<	360	U	<	380	U
bis(2-Ethylhexyl) Phthalate	63	390		44	360		<	360	U	<	380	U
Carbazole	<	390	U	<	360	U	<	360	U	<	380	U
Chrysene	<	390	U	<	360	U	<	360	U	<	380	U
Di-N-Butyl Phthalate	<	390	U	<	360	U	<	360	U	<	380	U
Di-N-Octylphthalate	<	390	U	<	360	U	<	360	U	<	380	U
Dibenz(a,h)anthracene	<	390	U	<	360	U	<	360	U	<	380	U
Dibenzofuran	<	390	U	<	360	U	<	360	U	<	380	U
Diethyl Phthalate	<	390	U	<	360	U	<	360	U	<	380	U
Dimethyl Propanedioic	<	390	U	<	360	U	<	360	U	<	380	U
Fluoranthene	<	390	U	<	360	U	<	360	U	<	380	U
Fluorene	<	390	U	<	360	U	<	360	U	<	380	U
Hexachlorobenzene	<	390	U	<	360	U	<	360	U	<	380	U
Hexachlorobutadiene	<	390	U	<	360	U	<	360	U	<	380	U
Hexachlorocyclopentadiene	<	390	U	<	360	U	<	360	U	<	380	U
Hexachloroethane	<	390	U	<	360	U	<	360	U	<	380	U
Indeno(1,2,3-c,d)pyrene	<	390	U	<	360	U	<	360	U	<	380	U
Isophorone	<	390	U	<	360	U	<	360	U	<	380	U
N-Nitrosodi-N-Propylamine	<	390	U	<	360	U	<	360	U	<	380	U
N-Nitrosodiphenylamine	<	390	U	<	360	U	<	360	U	<	380	U
Naphthalene	<	390	U	<	360	U	<	360	U	<	380	U
Nitrobenzene	<	390	U	<	360	U	<	360	U	<	380	U
Pentachlorophenol	<	770	U	<	730	U	<	710	U	<	760	U
Phenanthrene	<	390	U	<	360	U	<	360	U	<	380	U
Phenol	<	390	U	<	360	U	<	360	U	<	380	U
Pyrene	<	390	U	<	360	U	<	360	U	<	380	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.9	U	<	3.7	U	<	3.6	U	<	3.9	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.9	U	<	3.7	U	<	3.6	U	<	3.9	U
Alpha Endosulfan	<	3.9	U	<	3.7	U	<	3.6	U	<	3.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB01-020			CAE-SB01-030			CAE-SB01-040			CAE-SB02-002		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.9	U	<	3.7	U	<	3.6	U	<	3.9	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.9	U	<	3.7	U	<	3.6	U	<	3.9	U
Beta Endosulfan	<	7.7	U	<	7.2	U	<	7.1	U	<	7.5	U
Chlordane	<	770	U	<	720	U	<	710	U	<	750	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.7	U	<	7.2	U	<	7.1	U	<	7.5	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.7	U	<	7.2	U	<	7.1	U	<	7.5	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.7	U	<	7.2	U	<	7.1	U	<	7.5	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.9	U	<	3.7	U	<	3.6	U	<	3.9	U
Dieldrin	<	7.7	U	<	7.2	U	<	7.1	U	<	7.5	U
Endosulfan Sulfate	<	7.7	U	<	7.2	U	<	7.1	U	<	7.5	U
Endrin	<	7.7	U	<	7.2	U	<	7.1	U	<	7.5	U
Endrin Aldehyde	<	7.7	U	<	7.2	U	<	7.1	U	<	7.5	U
Endrin Ketone	<	7.7	U	<	7.2	U	<	7.1	U	<	7.5	U
Gamma BHC (Lindane)	<	3.9	U	<	3.7	U	<	3.6	U	<	3.9	U
Gamma-Chlordane	<	3.9	U	<	3.7	U	<	3.6	U	<	3.9	U
Heptachlor	<	3.9	U	<	3.7	U	<	3.6	U	<	3.9	U
Heptachlor Epoxide	<	3.9	U	<	3.7	U	<	3.6	U	<	3.9	U
Methoxychlor	<	39	U	<	37	U	<	36	U	<	39	U
PCB-1016 (Arochlor 1016)	<	77	U	<	72	U	<	71	U	<	75	U
PCB-1221 (Arochlor 1221)	<	77	U	<	72	U	<	71	U	<	75	U
PCB-1232 (Arochlor 1232)	<	77	U	<	72	U	<	71	U	<	75	U
PCB-1242 (Arochlor 1242)	<	77	U	<	72	U	<	71	U	<	75	U
PCB-1248 (Arochlor 1248)	<	77	U	<	72	U	<	71	U	<	75	U
PCB-1254 (Arochlor 1254)	<	77	U	<	72	U	<	71	U	<	75	U
PCB-1260 (Arochlor 1260)	<	77	U	<	72	U	<	71	U	<	75	U
TOXaphene	<	390	U	<	370	U	<	360	U	<	390	U
METALS (mg/kg)												
Aluminum	4000	22		10700	20	J	5260	19		17900	22	
Antimony	<	6.7	U	<	6	U	<	5.8	U	<	6.5	U
Arsenic	1.8	2.1	J	1.1	2.1	J	0.89	1.9	J	3.5	2.1	
Barium	560	22	J	1290	20	J	28.7	19	J	100	22	J
Beryllium	0.16	0.56	J	0.38	0.5	J	0.23	0.48	J	0.87	0.55	
Cadmium	<	0.56	U	<	0.5	U	<	0.48	U	0.32	0.55	J
Calcium	338000	5600		55500	2500	J	29700	480		2710	550	
Chromium, Total	26.7	1.1		9.1	0.99		6.1	0.96		13.4	1.1	
Cobalt	1.8	5.6	J	1.2	5	J	1.5	4.8	J	5.6	5.5	
Copper	3.1	2.8		1.8	2.5	J	1.2	2.4	J	9.2	2.7	
Iron	2260	11		6200	9.9	J	4140	9.6		14700	11	
Lead	0.92	0.32		3	0.31		2.3	0.29		9	0.32	
Magnesium	6010	560		6330	500		4010	480		2320	550	
Manganese	20.4	1.7		42.5	1.5		45	1.4		205	1.6	
Mercury	<	0.18	U	<	0.17	U	<	0.21	U	<	0.2	U
Nickel	4	4.5	J	5.6	4		3.7	3.9	J	11.8	4.4	
Potassium	858	560		2220	500		1090	480		2590	550	
Selenium	<	2.2	U	<	2.5	U	<	2.5	U	<	2.7	U
Silver	<	1.1	U	<	0.99	U	<	0.96	U	<	1.1	U
Sodium	197	560	J	173	500	J	72.8	480	J	35	550	J
Thallium	<	1.1	U	<	1	U	<	0.96	U	<	1.1	U
Vanadium	8.9	5.6		16.6	5		12.4	4.8		30.1	5.5	
Zinc	7.4	2.2		13.9	2	J	9	1.9		36	2.2	

J - Estimated value
Qual - Qualifier
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram
RL - Reporting Limit
U - Nondetect

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB02-005			CAE-SB02-205			CAE-SB02-010			CAE-SB02-020		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	18	U	<	18	U	<	18	U
Acetone	<	18	U	<	18	U	<	18	U	<	18	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	29	U	<	44	U	<	29	U	<	27	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
1,2-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
1,2-Diphenylhydrazine	<	360	U	<	360	U	<	360	U	<	360	U
1,3-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
1,4-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	360	U	<	360	U	<	360	U
2,4,5-Trichlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4,6-Trichlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4-Dichlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4-Dimethylphenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4-Dinitrophenol	<	720	U	<	720	U	<	720	U	<	720	U
2,4-Dinitrotoluene	<	360	U	<	360	U	<	360	U	<	360	U
2,6-Dinitrotoluene	<	360	U	<	360	U	<	360	U	<	360	U
2-Chloronaphthalene	<	360	U	<	360	U	<	360	U	<	360	U
2-Chlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2-Methylnaphthalene	<	360	U	<	360	U	<	360	U	<	360	U
2-Methylphenol (O-Cresol)	<	360	U	<	360	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB02-005			CAE-SB02-205			CAE-SB02-010			CAE-SB02-020		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	360	U	<	360	U	<	360	U	<	360	U
2-Nitrophenol	<	360	U	<	360	U	<	360	U	<	360	U
3,3'-Dichlorobenzidine	<	720	U	<	720	U	<	720	U	<	720	U
3-Nitroaniline	<	360	U	<	360	U	<	360	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	720	U	<	720	U	<	720	U	<	720	U
4-Bromophenyl Phenyl Ether	<	360	U	<	360	U	<	360	U	<	360	U
4-Chloro-3-Methylphenol	<	360	U	<	360	U	<	360	U	<	360	U
4-Chloroaniline	<	360	U	<	360	U	<	360	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	360	U	<	360	U	<	360	U
4-Methylphenol (P-Cresol)	<	360	U	<	360	U	<	360	U	<	360	U
4-Nitroaniline	<	360	U	<	360	U	<	360	U	<	360	U
4-Nitrophenol	<	720	U	<	720	U	<	720	U	<	720	U
Acenaphthene	<	360	U	<	360	U	<	360	U	<	360	U
Acenaphthylene	<	360	U	<	360	U	<	360	U	<	360	U
Aniline (Phenylamine, Aminobenzene)	<	360	U	<	360	U	<	360	U	<	360	U
Anthracene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(a)anthracene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(a)pyrene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(b)fluoranthene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(g,h,i)perylene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(k)fluoranthene	<	360	U	<	360	U	<	360	U	<	360	U
Benzoic Acid	<	1800	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	360	U	<	360	U	<	360	U	<	360	U
Benzyl Butyl Phthalate	<	360	U	<	360	U	<	360	U	<	360	U
bis(2-Chloroethoxy) Methane	<	360	U	<	360	U	<	360	U	<	360	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	360	U	<	360	U	<	360	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	360	U	<	360	U	<	360	U	52	360	
Carbazole	<	360	U	<	360	U	<	360	U	<	360	U
Chrysene	<	360	U	<	360	U	<	360	U	<	360	U
Di-N-Butyl Phthalate	<	360	U	<	360	U	<	360	U	<	360	U
Di-N-Octylphthalate	<	360	U	<	360	U	<	360	U	<	360	U
Dibenz(a,h)anthracene	<	360	U	<	360	U	<	360	U	<	360	U
Dibenzofuran	<	360	U	<	360	U	<	360	U	<	360	U
Diethyl Phthalate	<	360	U	<	360	U	<	360	U	<	360	U
Dimethyl Propanedioic	<	360	U	<	360	U	<	360	U	<	360	U
Fluoranthene	<	360	U	<	360	U	<	360	U	<	360	U
Fluorene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachlorobutadiene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachlorocyclopentadiene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachloroethane	<	360	U	<	360	U	<	360	U	<	360	U
Indeno(1,2,3-c,d)pyrene	<	360	U	<	360	U	<	360	U	<	360	U
Isophorone	<	360	U	<	360	U	<	360	U	<	360	U
N-Nitrosodi-N-Propylamine	<	360	U	<	360	U	<	360	U	<	360	U
N-Nitrosodiphenylamine	<	360	U	37	360		<	360	U	<	360	U
Naphthalene	<	360	U	<	360	U	<	360	U	<	360	U
Nitrobenzene	<	360	U	<	360	U	<	360	U	<	360	U
Pentachlorophenol	<	720	U	<	720	U	<	720	U	<	720	U
Phenanthrene	<	360	U	<	360	U	<	360	U	<	360	U
Phenol	<	360	U	<	360	U	<	360	U	<	360	U
Pyrene	<	360	U	<	360	U	<	360	U	<	360	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Alpha Endosulfan	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB02-005			CAE-SB02-205			CAE-SB02-010			CAE-SB02-020		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Beta Endosulfan	<	7.2	U	<	7.2	U	<	7.1	U	<	7.1	U
Chlordane	<	720	U	<	720	U	<	710	U	<	710	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.2	U	<	7.2	U	<	7.1	U	<	7.1	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.2	U	<	7.2	U	<	7.1	U	<	7.1	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.2	U	<	7.2	U	<	7.1	U	<	7.1	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Dieldrin	<	7.2	U	<	7.2	U	<	7.1	U	<	7.1	U
Endosulfan Sulfate	<	7.2	U	<	7.2	U	<	7.1	U	<	7.1	U
Endrin	<	7.2	U	<	7.2	U	<	7.1	U	<	7.1	U
Endrin Aldehyde	<	7.2	U	<	7.2	U	<	7.1	U	<	7.1	U
Endrin Ketone	<	7.2	U	<	7.2	U	<	7.1	U	<	7.1	U
Gamma BHC (Lindane)	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Gamma-Chlordane	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Heptachlor	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Heptachlor Epoxide	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Methoxychlor	<	37	U	<	37	U	<	37	U	<	37	U
PCB-1016 (Arochlor 1016)	<	72	U	<	72	U	<	71	U	<	71	U
PCB-1221 (Arochlor 1221)	<	72	U	<	72	U	<	71	U	<	71	U
PCB-1232 (Arochlor 1232)	<	72	U	<	72	U	<	71	U	<	71	U
PCB-1242 (Arochlor 1242)	<	72	U	<	72	U	<	71	U	<	71	U
PCB-1248 (Arochlor 1248)	<	72	U	<	72	U	<	71	U	<	71	U
PCB-1254 (Arochlor 1254)	<	72	U	<	72	U	<	71	U	<	71	U
PCB-1260 (Arochlor 1260)	<	72	U	<	72	U	<	71	U	<	71	U
TOXaphene	<	370	U	<	370	U	<	370	U	<	370	U
METALS (mg/kg)												
Aluminum	18500	21		16100	21		17600	21		4210	21	
Antimony	<	6.3	U	<	6.3	U	<	6.2	U	<	6.3	U
Arsenic	2.2	2.1		2.3	2.1		2.9	2		1.9	2	J
Barium	130	21		141	21		352	21	J	1650	21	J
Beryllium	0.74	0.53		0.65	0.52		0.72	0.52		0.16	0.52	J
Cadmium	0.37	0.53		0.45	0.52		0.15	0.52	J	<	0.52	U
Calcium	7280	530		68900	2600		84500	2600		254000	2600	
Chromium, Total	13.5	1.1		15.8	1		16.2	1		19.7	1	
Cobalt	4.2	5.3		3.7	5.2		4.7	5.2	J	0.66	5.2	J
Copper	7.1	2.6		6.4	2.6		6	2.6		1.7	2.6	J
Iron	12100	11		10100	10		11300	10		2170	10	
Lead	7.5	0.31		5	0.31		5.5	0.3		1.1	0.3	
Magnesium	2970	530		3290	520		5120	520		13700	520	
Manganese	134	1.6		91.2	1.6		180	1.6		16.3	1.6	
Mercury	<	0.19	U	<	0.19	U	<	0.2	U	<	0.16	U
Nickel	11.5	4.2		10.3	4.2		10.5	4.2		5.7	4.2	
Potassium	2930	530		2490	520		2890	520		662	520	
Selenium	<	2.5	U	<	2.6	U	<	2.4	U	<	2.4	U
Silver	<	1.1	U	<	1	U	<	1	U	<	1	U
Sodium	48.1	530		63.2	520		353	520	J	251	520	J
Thallium	<	1	U	<	1	U	<	0.99	U	<	1	U
Vanadium	24.3	5.3		21.6	5.2		32.2	5.2		14	5.2	
Zinc	28.9	2.1		24.2	2.1		29.7	2.1		6	2.1	

J - Estimated value
RL - Reporting Limit
Qual - Qualifier
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB02-030			CAE-SB02-040			CAE-SB03-002			CAE-SB03-005		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	11	U	<	11	U	<	11	U	<	11	U
Acetone	<	18	U	<	18	U	<	19	U	<	19	U
Benzene	<	18	U	<	18	U	<	19	U	<	19	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	18	U	<	19	U	<	19	U
Methylene Chloride	<	18	U	<	18	U	<	19	U	<	19	U
O-Xylene (1,2-Dimethylbenzene)	<	38	U	<	25	U	<	49	U	<	43	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	350	U	<	350	U	<	380	U	<	380	U
1,2-Dichlorobenzene	<	350	U	<	350	U	<	380	U	<	380	U
1,2-Diphenylhydrazine	<	350	U	<	350	U	<	380	U	<	380	U
1,3-Dichlorobenzene	<	350	U	<	350	U	<	380	U	<	380	U
1,4-Dichlorobenzene	<	350	U	<	350	U	<	380	U	<	380	U
2,2'-Oxybis(1-Chloro)Propane	<	350	U	<	350	U	<	380	U	<	380	U
2,4,5-Trichlorophenol	<	350	U	<	350	U	<	380	U	<	380	U
2,4,6-Trichlorophenol	<	350	U	<	350	U	<	380	U	<	380	U
2,4-Dichlorophenol	<	350	U	<	350	U	<	380	U	<	380	U
2,4-Dimethylphenol	<	350	U	<	350	U	<	380	U	<	380	U
2,4-Dinitrophenol	<	710	U	<	700	U	<	760	U	<	750	U
2,4-Dinitrotoluene	<	350	U	<	350	U	<	380	U	<	380	U
2,6-Dinitrotoluene	<	350	U	<	350	U	<	380	U	<	380	U
2-Chloronaphthalene	<	350	U	<	350	U	<	380	U	<	380	U
2-Chlorophenol	<	350	U	<	350	U	<	380	U	<	380	U
2-Methylnaphthalene	<	350	U	<	350	U	<	380	U	<	380	U
2-Methylphenol (O-Cresol)	<	350	U	<	350	U	<	380	U	<	380	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB02-030			CAE-SB02-040			CAE-SB03-002			CAE-SB03-005		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	350	U	<	350	U	<	380	U	<	380	U
2-Nitrophenol	<	350	U	<	350	U	<	380	U	<	380	U
3,3'-Dichlorobenzidine	<	710	U	<	700	U	<	760	U	<	750	U
3-Nitroaniline	<	350	U	<	350	U	<	380	U	<	380	U
4,6-Dinitro-2-Methylphenol	<	710	U	<	700	U	<	760	U	<	750	U
4-Bromophenyl Phenyl Ether	<	350	U	<	350	U	<	380	U	<	380	U
4-Chloro-3-Methylphenol	<	350	U	<	350	U	<	380	U	<	380	U
4-Chloroaniline	<	350	U	<	350	U	<	380	U	<	380	U
4-Chlorophenyl Phenyl Ether	<	350	U	<	350	U	<	380	U	<	380	U
4-Methylphenol (P-Cresol)	<	350	U	<	350	U	<	380	U	<	380	U
4-Nitroaniline	<	350	U	<	350	U	<	380	U	<	380	U
4-Nitrophenol	<	710	U	<	700	U	<	760	U	<	750	U
Acenaphthene	<	350	U	<	350	U	<	380	U	<	380	U
Acenaphthylene	<	350	U	<	350	U	<	380	U	<	380	U
Aniline (Phenylamine, Aminobenzene)	<	350	U	<	350	U	<	380	U	<	380	U
Anthracene	<	350	U	<	350	U	<	380	U	<	380	U
Benzo(a)anthracene	<	350	U	<	350	U	<	380	U	<	380	U
Benzo(a)pyrene	<	350	U	<	350	U	<	380	U	<	380	U
Benzo(b)fluoranthene	<	350	U	<	350	U	<	380	U	<	380	U
Benzo(g,h,i)perylene	<	350	U	<	350	U	<	380	U	<	380	U
Benzo(k)fluoranthene	<	350	U	<	350	U	<	380	U	<	380	U
Benzoic Acid	<	1800	U	<	1700	U	<	1900	U	<	1900	U
Benzyl Alcohol	<	350	U	<	350	U	<	380	U	<	380	U
Benzyl Butyl Phthalate	<	350	U	<	350	U	<	380	U	<	380	U
bis(2-Chloroethoxy) Methane	<	350	U	<	350	U	<	380	U	<	380	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	350	U	<	350	U	<	380	U	<	380	U
bis(2-Ethylhexyl) Phthalate	<	350	U	<	350	U	99	380		<	380	U
Carbazole	<	350	U	<	350	U	<	380	U	<	380	U
Chrysene	<	350	U	<	350	U	<	380	U	<	380	U
Di-N-Butyl Phthalate	<	350	U	<	350	U	<	380	U	<	380	U
Di-N-Octylphthalate	<	350	U	<	350	U	<	380	U	<	380	U
Dibenz(a,h)anthracene	<	350	U	<	350	U	<	380	U	<	380	U
Dibenzofuran	<	350	U	<	350	U	<	380	U	<	380	U
Diethyl Phthalate	<	350	U	<	350	U	<	380	U	<	380	U
Dimethyl Propanedioic	<	350	U	<	350	U	<	380	U	<	380	U
Fluoranthene	<	350	U	<	350	U	<	380	U	<	380	U
Fluorene	<	350	U	<	350	U	<	380	U	<	380	U
Hexachlorobenzene	<	350	U	<	350	U	<	380	U	<	380	U
Hexachlorobutadiene	<	350	U	<	350	U	<	380	U	<	380	U
Hexachlorocyclopentadiene	<	350	U	<	350	U	<	380	U	<	380	U
Hexachloroethane	<	350	U	<	350	U	<	380	U	<	380	U
Indeno(1,2,3-c,d)pyrene	<	350	U	<	350	U	<	380	U	<	380	U
Isophorone	<	350	U	<	350	U	<	380	U	<	380	U
N-Nitrosodi-N-Propylamine	<	350	U	<	350	U	<	380	U	<	380	U
N-Nitrosodiphenylamine	<	350	U	<	350	U	<	380	U	<	380	U
Naphthalene	<	350	U	<	350	U	<	380	U	<	380	U
Nitrobenzene	<	350	U	<	350	U	<	380	U	<	380	U
Pentachlorophenol	<	710	U	<	700	U	<	760	U	<	750	U
Phenanthrene	<	350	U	<	350	U	<	380	U	<	380	U
Phenol	<	350	U	<	350	U	120	380		<	380	U
Pyrene	<	350	U	<	350	U	<	380	U	<	380	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.6	U	<	3.6	U	<	3.9	U	<	3.8	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.6	U	<	3.6	U	<	3.9	U	<	3.8	U
Alpha Endosulfan	<	3.6	U	<	3.6	U	<	3.9	U	<	3.8	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB02-030			CAE-SB02-040			CAE-SB03-002			CAE-SB03-005		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.6	U	<	3.6	U	<	3.9	U	<	3.8	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.6	U	<	3.6	U	<	3.9	U	<	3.8	U
Beta Endosulfan	<	7	U	<	6.9	U	<	7.5	U	<	7.4	U
Chlordane	<	700	U	<	690	U	<	750	U	<	740	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7	U	<	6.9	U	<	7.5	U	<	7.4	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7	U	<	6.9	U	<	7.5	U	<	7.4	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7	U	<	6.9	U	<	7.5	U	<	7.4	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.6	U	<	3.6	U	<	3.9	U	<	3.8	U
Dieldrin	<	7	U	<	6.9	U	<	7.5	U	<	7.4	U
Endosulfan Sulfate	<	7	U	<	6.9	U	<	7.5	U	<	7.4	U
Endrin	<	7	U	<	6.9	U	<	7.5	U	<	7.4	U
Endrin Aldehyde	<	7	U	<	6.9	U	<	7.5	U	<	7.4	U
Endrin Ketone	<	7	U	<	6.9	U	<	7.5	U	<	7.4	U
Gamma BHC (Lindane)	<	3.6	U	<	3.6	U	<	3.9	U	<	3.8	U
Gamma-Chlordane	<	3.6	U	<	3.6	U	<	3.9	U	<	3.8	U
Heptachlor	<	3.6	U	<	3.6	U	<	3.9	U	<	3.8	U
Heptachlor Epoxide	<	3.6	U	<	3.6	U	<	3.9	U	<	3.8	U
Methoxychlor	<	36	U	<	36	U	<	39	U	<	38	U
PCB-1016 (Arochlor 1016)	<	70	U	<	69	U	<	75	U	<	74	U
PCB-1221 (Arochlor 1221)	<	70	U	<	69	U	<	75	U	<	74	U
PCB-1232 (Arochlor 1232)	<	70	U	<	69	U	<	75	U	<	74	U
PCB-1242 (Arochlor 1242)	<	70	U	<	69	U	<	75	U	<	74	U
PCB-1248 (Arochlor 1248)	<	70	U	<	69	U	<	75	U	<	74	U
PCB-1254 (Arochlor 1254)	<	70	U	<	69	U	<	75	U	<	74	U
PCB-1260 (Arochlor 1260)	<	70	U	<	69	U	<	75	U	<	74	U
TOXaphene	<	360	U	<	360	U	<	390	U	<	380	U
METALS (mg/kg)												
Aluminum	4250	20		4260	19		15900	21		16600	22	
Antimony	<	6.1	U	<	5.8	U	<	6.4	U	<	6.5	U
Arsenic	1.3	1.9	J	1	2	J	3	2.2		2.6	2.2	
Barium	355	20	J	32.6	19	J	112	21	J	130	22	J
Beryllium	0.16	0.51	J	0.2	0.48	J	0.66	0.53		0.67	0.54	
Cadmium	0.22	0.51	J	0.13	0.48	J	0.46	0.53	J	0.34	0.54	J
Calcium	235000	2500		36800	480		9450	530		70900	2700	
Chromium, Total	18.8	1		5.8	0.96		12.8	1.1		16.4	1.1	
Cobalt	1.6	5.1	J	1.9	4.8	J	5.1	5.3	J	4.3	5.4	J
Copper	2.1	2.5	J	1.3	2.4	J	7.6	2.7		7.4	2.7	
Iron	2260	10		3260	9.6		12500	11		10600	11	
Lead	1.2	0.28		2.2	0.29		11.9	0.33		6.5	0.33	
Magnesium	13500	510		3480	480		2170	530		3010	540	
Manganese	20.1	1.5		42	1.4		284	1.6		123	1.6	
Mercury	<	0.16	U	<	0.2	U	<	0.22	U	<	0.18	U
Nickel	4.8	4.1		3.6	3.9	J	10.2	4.3		10.5	4.3	
Potassium	608	510		915	480		2790	530		2840	540	
Selenium	<	2.4	U	<	2.4	U	<	2.6	U	<	2.3	U
Silver	<	1	U	<	0.96	U	<	1.1	U	<	1.1	U
Sodium	180	510	J	73.1	480	J	43.7	530	J	43.3	540	J
Thallium	<	0.94	U	<	0.98	U	<	1.1	U	<	1.1	U
Vanadium	15.8	5.1		8.5	4.8		26	5.3		24	5.4	
Zinc	6.6	2		8.4	1.9		32.9	2.1		29.5	2.2	

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB03-010			CAE-SB03-020			CAE-SB03-030			CAE-SB03-040		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	12	U	<	13	U	<	11	U	<	12	U
1,1,2,2-Tetrachloroethane	<	12	U	<	13	U	<	11	U	<	12	U
1,1,2-Trichloroethane	<	12	U	<	13	U	<	11	U	<	12	U
1,1-Dichloroethane	<	12	U	<	13	U	<	11	U	<	12	U
1,1-Dichloroethene	<	12	U	<	13	U	<	11	U	<	12	U
1,2-Dichloroethane	<	12	U	<	13	U	<	11	U	<	12	U
1,2-Dichloropropane	<	12	U	<	13	U	<	11	U	<	12	U
2-Hexanone	<	21	U	<	22	U	<	19	U	<	20	U
Acetone	<	21	U	<	22	U	<	19	U	<	20	U
Benzene	<	12	U	<	13	U	<	11	U	<	12	U
Bromodichloromethane	<	12	U	<	13	U	<	11	U	<	12	U
Bromoform	<	12	U	<	13	U	<	11	U	<	12	U
Bromomethane	<	12	U	<	13	U	<	11	U	<	12	U
Carbon Disulfide	<	12	U	<	13	U	<	11	U	<	12	U
Carbon Tetrachloride	<	12	U	<	13	U	<	11	U	<	12	U
Chlorobenzene	<	12	U	<	13	U	<	11	U	<	12	U
Chloroethane	<	12	U	<	13	U	<	11	U	<	12	U
Chloroform	<	12	U	<	13	U	<	11	U	<	12	U
Chloromethane	<	12	U	<	13	U	<	11	U	<	12	U
cis-1,2-Dichloroethylene	<	12	U	<	13	U	<	11	U	<	12	U
cis-1,3-Dichloropropene	<	12	U	<	13	U	<	11	U	<	12	U
Dibromochloromethane	<	12	U	<	13	U	<	11	U	<	12	U
Dichlorodifluoromethane	<	12	U	<	13	U	<	11	U	<	12	U
Ethylbenzene	<	12	U	<	13	U	<	11	U	<	12	U
M,P-Xylene (Sum of Isomers)	<	12	U	<	13	U	<	11	U	<	12	U
Methyl Ethyl Ketone (2-Butanone)	<	21	U	<	22	U	<	19	U	<	20	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	21	U	<	22	U	<	19	U	<	20	U
Methylene Chloride	<	48	U	<	25	U	<	43	U	<	41	U
O-Xylene (1,2-Dimethylbenzene)	<	12	U	<	13	U	<	11	U	<	12	U
Styrene	<	12	U	<	13	U	<	11	U	<	12	U
Tetrachloroethylene(PCE)	<	12	U	<	13	U	<	11	U	<	12	U
Toluene	<	12	U	<	13	U	<	11	U	<	12	U
trans-1,2-Dichloroethene	<	12	U	<	13	U	<	11	U	<	12	U
trans-1,3-Dichloropropene	<	12	U	<	13	U	<	11	U	<	12	U
Trichloroethylene (TCE)	<	12	U	<	13	U	<	11	U	<	12	U
Trichlorofluoromethane	<	12	U	<	13	U	<	11	U	<	12	U
Vinyl Chloride	<	12	U	<	13	U	<	11	U	<	12	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	410	U	<	440	U	<	380	U	<	410	U
1,2-Dichlorobenzene	<	410	U	<	440	U	<	380	U	<	410	U
1,2-Diphenylhydrazine	<	410	U	<	440	U	<	380	U	<	410	U
1,3-Dichlorobenzene	<	410	U	<	440	U	<	380	U	<	410	U
1,4-Dichlorobenzene	<	410	U	<	440	U	<	380	U	<	410	U
2,2'-Oxybis(1-Chloro)Propane	<	410	U	<	440	U	<	380	U	<	410	U
2,4,5-Trichlorophenol	<	410	U	<	440	U	<	380	U	<	410	U
2,4,6-Trichlorophenol	<	410	U	<	440	U	<	380	U	<	410	U
2,4-Dichlorophenol	<	410	U	<	440	U	<	380	U	<	410	U
2,4-Dimethylphenol	<	410	U	<	440	U	<	380	U	<	410	U
2,4-Dinitrophenol	<	830	U	<	880	U	<	760	U	<	820	U
2,4-Dinitrotoluene	<	410	U	<	440	U	<	380	U	<	410	U
2,6-Dinitrotoluene	<	410	U	<	440	U	<	380	U	<	410	U
2-Chloronaphthalene	<	410	U	<	440	U	<	380	U	<	410	U
2-Chlorophenol	<	410	U	<	440	U	<	380	U	<	410	U
2-Methylnaphthalene	<	410	U	<	440	U	<	380	U	<	410	U
2-Methylphenol (O-Cresol)	<	410	U	<	440	U	<	380	U	<	410	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB03-010			CAE-SB03-020			CAE-SB03-030			CAE-SB03-040		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	410	U	<	440	U	<	380	U	<	410	U
2-Nitrophenol	<	410	U	<	440	U	<	380	U	<	410	U
3,3'-Dichlorobenzidine	<	830	U	<	880	U	<	760	U	<	820	U
3-Nitroaniline	<	410	U	<	440	U	<	380	U	<	410	U
4,6-Dinitro-2-Methylphenol	<	830	U	<	880	U	<	760	U	<	820	U
4-Bromophenyl Phenyl Ether	<	410	U	<	440	U	<	380	U	<	410	U
4-Chloro-3-Methylphenol	<	410	U	<	440	U	<	380	U	<	410	U
4-Chloroaniline	<	410	U	<	440	U	<	380	U	<	410	U
4-Chlorophenyl Phenyl Ether	<	410	U	<	440	U	<	380	U	<	410	U
4-Methylphenol (P-Cresol)	<	410	U	<	440	U	<	380	U	<	410	U
4-Nitroaniline	<	410	U	<	440	U	<	380	U	<	410	U
4-Nitrophenol	<	830	U	<	880	U	<	760	U	<	820	U
Acenaphthene	<	410	U	<	440	U	<	380	U	<	410	U
Acenaphthylene	<	410	U	<	440	U	<	380	U	<	410	U
Aniline (Phenylamine, Aminobenzene)	<	410	U	<	440	U	<	380	U	<	410	U
Anthracene	<	410	U	<	440	U	<	380	U	<	410	U
Benzo(a)anthracene	<	410	U	<	440	U	<	380	U	<	410	U
Benzo(a)pyrene	<	410	U	<	440	U	<	380	U	<	410	U
Benzo(b)fluoranthene	<	410	U	<	440	U	<	380	U	<	410	U
Benzo(g,h,i)perylene	<	410	U	<	440	U	<	380	U	<	410	U
Benzo(k)fluoranthene	<	410	U	<	440	U	<	380	U	<	410	U
Benzoic Acid	<	2100	U	<	2200	U	<	1900	U	<	2000	U
Benzyl Alcohol	<	410	U	<	440	U	<	380	U	<	410	U
Benzyl Butyl Phthalate	<	410	U	<	440	U	<	380	U	<	410	U
bis(2-Chloroethoxy) Methane	<	410	U	<	440	U	<	380	U	<	410	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	410	U	<	440	U	<	380	U	<	410	U
bis(2-Ethylhexyl) Phthalate	73	410		49	440		1800	380		82	410	
Carbazole	<	410	U	<	440	U	<	380	U	<	410	U
Chrysene	<	410	U	<	440	U	<	380	U	<	410	U
Di-N-Butyl Phthalate	<	410	U	<	440	U	<	380	U	<	410	U
Di-N-Octylphthalate	<	410	U	<	440	U	<	380	U	<	410	U
Dibenz(a,h)anthracene	<	410	U	<	440	U	<	380	U	<	410	U
Dibenzofuran	<	410	U	<	440	U	<	380	U	<	410	U
Diethyl Phthalate	<	410	U	<	440	U	<	380	U	<	410	U
Dimethyl Propanedioic	<	410	U	<	440	U	<	380	U	<	410	U
Fluoranthene	<	410	U	<	440	U	<	380	U	<	410	U
Fluorene	<	410	U	<	440	U	<	380	U	<	410	U
Hexachlorobenzene	<	410	U	<	440	U	<	380	U	<	410	U
Hexachlorobutadiene	<	410	U	<	440	U	<	380	U	<	410	U
Hexachlorocyclopentadiene	<	410	U	<	440	U	<	380	U	<	410	U
Hexachloroethane	<	410	U	<	440	U	<	380	U	<	410	U
Indeno(1,2,3-c,d)pyrene	<	410	U	<	440	U	<	380	U	<	410	U
Isophorone	<	410	U	<	440	U	<	380	U	<	410	U
N-Nitrosodi-N-Propylamine	<	410	U	<	440	U	<	380	U	<	410	U
N-Nitrosodiphenylamine	43	410		<	440	U	38	380		<	410	U
Naphthalene	<	410	U	<	440	U	<	380	U	<	410	U
Nitrobenzene	<	410	U	<	440	U	<	380	U	<	410	U
Pentachlorophenol	<	830	U	<	880	U	<	760	U	<	820	U
Phenanthrene	<	410	U	<	440	U	<	380	U	<	410	U
Phenol	<	410	U	<	440	U	<	380	U	<	410	U
Pyrene	<	410	U	<	440	U	<	380	U	<	410	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	4.2	U	<	4.5	U	<	3.9	U	<	4.2	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	4.2	U	<	4.5	U	<	3.9	U	<	4.2	U
Alpha Endosulfan	<	4.2	U	<	4.5	U	<	3.9	U	<	4.2	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB03-010			CAE-SB03-020			CAE-SB03-030			CAE-SB03-040		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	4.2	U	<	4.5	U	<	3.9	U	<	4.2	U
Beta BHC (Beta Hexachlorocyclohexane)	<	4.2	U	<	4.5	U	<	3.9	U	<	4.2	U
Beta Endosulfan	<	8.2	U	<	8.7	U	<	7.5	U	<	8.1	U
Chlordane	<	820	U	<	870	U	<	750	U	<	810	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	8.2	U	<	8.7	U	<	7.5	U	<	8.1	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	8.2	U	<	8.7	U	<	7.5	U	<	8.1	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	8.2	U	<	8.7	U	<	7.5	U	<	8.1	U
Delta BHC (Delta Hexachlorocyclohexane)	<	4.2	U	<	4.5	U	<	3.9	U	<	4.2	U
Dieldrin	<	8.2	U	<	8.7	U	<	7.5	U	<	8.1	U
Endosulfan Sulfate	<	8.2	U	<	8.7	U	<	7.5	U	<	8.1	U
Endrin	<	8.2	U	<	8.7	U	<	7.5	U	<	8.1	U
Endrin Aldehyde	<	8.2	U	<	8.7	U	<	7.5	U	<	8.1	U
Endrin Ketone	<	8.2	U	<	8.7	U	<	7.5	U	<	8.1	U
Gamma BHC (Lindane)	<	4.2	U	<	4.5	U	<	3.9	U	<	4.2	U
Gamma-Chlordane	<	4.2	U	<	4.5	U	<	3.9	U	<	4.2	U
Heptachlor	<	4.2	U	<	4.5	U	<	3.9	U	<	4.2	U
Heptachlor Epoxide	<	4.2	U	<	4.5	U	<	3.9	U	<	4.2	U
Methoxychlor	<	42	U	<	45	U	<	39	U	<	42	U
PCB-1016 (Arochlor 1016)	<	82	U	<	87	U	<	75	U	<	81	U
PCB-1221 (Arochlor 1221)	<	82	U	<	87	U	<	75	U	<	81	U
PCB-1232 (Arochlor 1232)	<	82	U	<	87	U	<	75	U	<	81	U
PCB-1242 (Arochlor 1242)	<	82	U	<	87	U	<	75	U	<	81	U
PCB-1248 (Arochlor 1248)	<	82	U	<	87	U	<	75	U	<	81	U
PCB-1254 (Arochlor 1254)	<	82	U	<	87	U	<	75	U	<	81	U
PCB-1260 (Arochlor 1260)	<	82	U	<	87	U	<	75	U	<	81	U
TOXaphene	<	420	U	<	450	U	<	390	U	<	420	U
METALS (mg/kg)												
Aluminum	10900	24		15000	25		5750	21		5770	24	
Antimony	<	7.2	U	<	7.6	U	<	6.4	U	<	7.1	U
Arsenic	3.1	2.4		2.6	2.6		1.2	2.2	J	1.3	2.3	J
Barium	366	24	J	155	25	J	169	21	J	81	24	J
Beryllium	0.72	0.6		0.64	0.63		0.2	0.53	J	0.26	0.59	J
Cadmium	0.17	0.6	J	0.38	0.63	J	<	0.53	U	<	0.59	U
Calcium	203000	3000		117000	3200		233000	2700		116000	2900	
Chromium, Total	19.3	1.2		16.9	1.3		18.8	1.1		12.5	1.2	
Cobalt	3.1	6	J	3.2	6.3	J	3.1	5.3	J	1.3	5.9	J
Copper	4.4	3		4.5	3.2		1.5	2.7	J	5.9	2.9	
Iron	6810	12		9320	13		3100	11		4390	12	
Lead	7	0.36		6.5	0.39		1.7	0.33		2.4	0.35	
Magnesium	4370	600		6210	630		6850	530		5220	590	
Manganese	96.4	1.8		110	1.9		83.5	1.6		39.4	1.8	
Mercury	<	0.24	U	<	0.25	U	<	0.2	U	<	0.22	U
Nickel	7	4.8		9.3	5		4.2	4.3	J	4.2	4.7	J
Potassium	1970	600		2720	630		972	530		1070	590	
Selenium	<	3.1	U	<	3.1	U	<	2.7	U	<	2.8	U
Silver	<	1.2	U	<	1.3	U	<	1.1	U	<	1.2	U
Sodium	227	600	J	277	630	J	147	530	J	104	590	J
Thallium	<	1.2	U	<	1.3	U	<	1.1	U	<	1.2	U
Vanadium	20.1	6		24.4	6.3		11.1	5.3		11.1	5.9	
Zinc	19.3	2.4		25.9	2.5		8.3	2.1		11.5	2.4	

J - Estimated value
Qual - Qualifier
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram
RL - Reporting Limit
U - Nondetect

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB04-002			CAE-SB04-005			CAE-SB04-010			CAE-SB04-020		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	12	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	12	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	19	U	<	18	U	<	18	U	<	19	U
Acetone	<	19	U	<	18	U	<	18	U	<	19	U
Benzene	<	12	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	12	U	<	11	U	<	11	U	<	11	U
Bromoform	<	12	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	12	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	12	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	12	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	12	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	12	U	<	11	U	<	11	U	<	11	U
Chloroform	<	12	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	12	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	12	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	12	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	12	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	12	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	12	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	19	U	<	18	U	<	18	U	<	19	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	19	U	<	18	U	<	18	U	<	19	U
Methylene Chloride	<	44	U	<	36	U	<	36	U	<	34	U
O-Xylene (1,2-Dimethylbenzene)	<	12	U	<	11	U	<	11	U	<	11	U
Styrene	<	12	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	12	U	<	11	U	<	11	U	<	11	U
Toluene	<	12	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	12	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	12	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	12	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	12	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	390	U	<	360	U	<	360	U	<	370	U
1,2-Dichlorobenzene	<	390	U	<	360	U	<	360	U	<	370	U
1,2-Diphenylhydrazine	<	390	U	<	360	U	<	360	U	<	370	U
1,3-Dichlorobenzene	<	390	U	<	360	U	<	360	U	<	370	U
1,4-Dichlorobenzene	<	390	U	<	360	U	<	360	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	390	U	<	360	U	<	360	U	<	370	U
2,4,5-Trichlorophenol	<	390	U	<	360	U	<	360	U	<	370	U
2,4,6-Trichlorophenol	<	390	U	<	360	U	<	360	U	<	370	U
2,4-Dichlorophenol	<	390	U	<	360	U	<	360	U	<	370	U
2,4-Dimethylphenol	<	390	U	<	360	U	<	360	U	<	370	U
2,4-Dinitrophenol	<	780	U	<	730	U	<	710	U	<	750	U
2,4-Dinitrotoluene	<	390	U	<	360	U	<	360	U	<	370	U
2,6-Dinitrotoluene	<	390	U	<	360	U	<	360	U	<	370	U
2-Chloronaphthalene	<	390	U	<	360	U	<	360	U	<	370	U
2-Chlorophenol	<	390	U	<	360	U	<	360	U	<	370	U
2-Methylnaphthalene	<	390	U	<	360	U	<	360	U	<	370	U
2-Methylphenol (O-Cresol)	<	390	U	<	360	U	<	360	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB04-002			CAE-SB04-005			CAE-SB04-010			CAE-SB04-020		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	390	U	<	360	U	<	360	U	<	370	U
2-Nitrophenol	<	390	U	<	360	U	<	360	U	<	370	U
3,3'-Dichlorobenzidine	<	780	U	<	730	U	<	710	U	<	750	U
3-Nitroaniline	<	390	U	<	360	U	<	360	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	780	U	<	730	U	<	710	U	<	750	U
4-Bromophenyl Phenyl Ether	<	390	U	<	360	U	<	360	U	<	370	U
4-Chloro-3-Methylphenol	<	390	U	<	360	U	<	360	U	<	370	U
4-Chloroaniline	<	390	U	<	360	U	<	360	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	390	U	<	360	U	<	360	U	<	370	U
4-Methylphenol (P-Cresol)	<	390	U	<	360	U	<	360	U	<	370	U
4-Nitroaniline	<	390	U	<	360	U	<	360	U	<	370	U
4-Nitrophenol	<	780	U	<	730	U	<	710	U	<	750	U
Acenaphthene	<	390	U	<	360	U	<	360	U	<	370	U
Acenaphthylene	<	390	U	<	360	U	<	360	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	390	U	<	360	U	<	360	U	<	370	U
Anthracene	<	390	U	<	360	U	<	360	U	<	370	U
Benzo(a)anthracene	<	390	U	<	360	U	<	360	U	<	370	U
Benzo(a)pyrene	<	390	U	<	360	U	<	360	U	<	370	U
Benzo(b)fluoranthene	<	390	U	<	360	U	<	360	U	<	370	U
Benzo(g,h,i)perylene	<	390	U	<	360	U	<	360	U	<	370	U
Benzo(k)fluoranthene	<	390	U	<	360	U	<	360	U	<	370	U
Benzoic Acid	<	1900	U	<	1800	U	<	1800	U	<	1900	U
Benzyl Alcohol	<	390	U	<	360	U	<	360	U	<	370	U
Benzyl Butyl Phthalate	<	390	U	<	360	U	<	360	U	<	370	U
bis(2-Chloroethoxy) Methane	<	390	U	<	360	U	<	360	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	390	U	<	360	U	<	360	U	<	370	U
bis(2-Ethylhexyl) Phthalate	72	390		25	360		34	360		32	370	
Carbazole	<	390	U	<	360	U	<	360	U	<	370	U
Chrysene	<	390	U	<	360	U	<	360	U	<	370	U
Di-N-Butyl Phthalate	<	390	U	<	360	U	<	360	U	<	370	U
Di-N-Octylphthalate	<	390	U	<	360	U	<	360	U	<	370	U
Dibenz(a,h)anthracene	<	390	U	<	360	U	<	360	U	<	370	U
Dibenzofuran	<	390	U	<	360	U	<	360	U	<	370	U
Diethyl Phthalate	<	390	U	<	360	U	<	360	U	<	370	U
Dimethyl Propanedioic	<	390	U	<	360	U	<	360	U	<	370	U
Fluoranthene	<	390	U	<	360	U	<	360	U	<	370	U
Fluorene	<	390	U	<	360	U	<	360	U	<	370	U
Hexachlorobenzene	<	390	U	<	360	U	<	360	U	<	370	U
Hexachlorobutadiene	<	390	U	<	360	U	<	360	U	<	370	U
Hexachlorocyclopentadiene	<	390	U	<	360	U	<	360	U	<	370	U
Hexachloroethane	<	390	U	<	360	U	<	360	U	<	370	U
Indeno(1,2,3-c,d)pyrene	<	390	U	<	360	U	<	360	U	<	370	U
Isophorone	<	390	U	<	360	U	<	360	U	<	370	U
N-Nitrosodi-N-Propylamine	<	390	U	<	360	U	<	360	U	<	370	U
N-Nitrosodiphenylamine	<	390	U	<	360	U	<	360	U	<	370	U
Naphthalene	<	390	U	<	360	U	<	360	U	<	370	U
Nitrobenzene	<	390	U	<	360	U	<	360	U	<	370	U
Pentachlorophenol	<	780	U	<	730	U	<	710	U	<	750	U
Phenanthrene	<	390	U	<	360	U	<	360	U	<	370	U
Phenol	<	390	U	<	360	U	<	360	U	<	370	U
Pyrene	<	390	U	<	360	U	<	360	U	<	370	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	4	U	<	3.7	U	<	3.6	U	<	3.8	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	4	U	<	3.7	U	<	3.6	U	<	3.8	U
Alpha Endosulfan	<	4	U	<	3.7	U	<	3.6	U	<	3.8	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB04-002			CAE-SB04-005			CAE-SB04-010			CAE-SB04-020		
COLLECT DATE	4/30/98			4/30/98			4/30/98			4/30/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	4	U	<	3.7	U	<	3.6	U	<	3.8	U
Beta BHC (Beta Hexachlorocyclohexane)	<	4	U	<	3.7	U	<	3.6	U	<	3.8	U
Beta Endosulfan	<	7.7	U	<	7.2	U	<	7.1	U	<	7.4	U
Chlordane	<	770	U	<	720	U	<	710	U	<	740	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.7	U	<	7.2	U	<	7.1	U	<	7.4	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.7	U	<	7.2	U	<	7.1	U	<	7.4	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.7	U	<	7.2	U	<	7.1	U	<	7.4	U
Delta BHC (Delta Hexachlorocyclohexane)	<	4	U	<	3.7	U	<	3.6	U	<	3.8	U
Dieldrin	<	7.7	U	<	7.2	U	<	7.1	U	<	7.4	U
Endosulfan Sulfate	<	7.7	U	<	7.2	U	<	7.1	U	<	7.4	U
Endrin	<	7.7	U	<	7.2	U	<	7.1	U	<	7.4	U
Endrin Aldehyde	<	7.7	U	<	7.2	U	<	7.1	U	<	7.4	U
Endrin Ketone	<	7.7	U	<	7.2	U	<	7.1	U	<	7.4	U
Gamma BHC (Lindane)	<	4	U	<	3.7	U	<	3.6	U	<	3.8	U
Gamma-Chlordane	<	4	U	<	3.7	U	<	3.6	U	<	3.8	U
Heptachlor	<	4	U	<	3.7	U	<	3.6	U	<	3.8	U
Heptachlor Epoxide	<	4	U	<	3.7	U	<	3.6	U	<	3.8	U
Methoxychlor	<	40	U	<	37	U	<	36	U	<	38	U
PCB-1016 (Arochlor 1016)	<	77	U	<	72	U	<	71	U	<	74	U
PCB-1221 (Arochlor 1221)	<	77	U	<	72	U	<	71	U	<	74	U
PCB-1232 (Arochlor 1232)	<	77	U	<	72	U	<	71	U	<	74	U
PCB-1242 (Arochlor 1242)	<	77	U	<	72	U	<	71	U	<	74	U
PCB-1248 (Arochlor 1248)	<	77	U	<	72	U	<	71	U	<	74	U
PCB-1254 (Arochlor 1254)	<	77	U	<	72	U	<	71	U	<	74	U
PCB-1260 (Arochlor 1260)	<	77	U	<	72	U	<	71	U	<	74	U
TOXaphene	<	400	U	<	370	U	<	360	U	<	380	U
METALS (mg/kg)												
Aluminum	16200	21		14800	20		9050	18		4350	21	
Antimony	<	6.4	U	<	5.9	U	<	5.4	U	<	6.4	U
Arsenic	3.6	2		2.7	2.1		2.5	1.8		1.4	2.1	J
Barium	109	21		65	20		238	18		166	21	
Beryllium	0.71	0.53		0.6	0.49		0.46	0.45		0.19	0.53	J
Cadmium	<	0.53	U	<	0.49	U	0.13	0.45	J	<	0.53	U
Calcium	4960	530		29000	490		118000	4500		271000	5300	
Chromium, Total	12.1	1.1		11.2	0.98		11.9	0.89		19.6	1.1	
Cobalt	4.9	5.3	J	3.6	4.9	J	2.1	4.5	J	1.5	5.3	J
Copper	9.2	2.6		6.2	2.5		3.1	2.2		1.1	2.7	J
Iron	12600	11	E	9530	9.8	E	5300	8.9	E	2100	11	E
Lead	9.3	0.59		7.4	0.32		4.7	0.27		1.5	0.32	
Magnesium	2140	530		2710	490		2730	450		6510	530	
Manganese	205	1.6	E	82.8	1.5	E	57.5	1.3	E	17.9	1.6	E
Mercury	<	0.22	U	<	0.19	U	<	0.19	U	<	0.2	U
Nickel	10.6	4.2		10.5	3.9		5.8	3.6		3.8	4.3	J
Potassium	2650	530		2450	490		1530	450		679	530	
Selenium	<	2.5	U	<	2.6	U	<	2.2	U	0.81	0.53	J
Silver	<	1.1	U	<	0.98	U	<	0.89	U	<	1.1	U
Sodium	34.4	530	J	37.5	490	J	132	450	J	209	530	J
Thallium	0.22	0.99	J	<	1.1	U	<	0.88	U	<	1.1	U
Vanadium	26.3	5.3	E	19.7	4.9	E	14.6	4.5	E	10	5.3	E
Zinc	29.8	2.1		22.6	2		14.1	1.8		5.8	2.1	

J - Estimated value
Qual - Qualifier
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram
RL - Reporting Limit
U - Nondetect

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB04-030			CAE-SB04-040			CAE-SB05-002			CAE-SB05-005		
COLLECT DATE	4/30/98			4/30/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	18	U	<	19	U	<	18	U
Acetone	<	18	U	<	18	U	<	19	U	<	18	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	7	11		<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U	<	19	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	18	U	<	19	U	<	18	U
Methylene Chloride	<	39	U	<	36	U	<	35	U	<	37	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	360	U	<	370	U	<	360	U
1,2-Dichlorobenzene	<	360	U	<	360	U	<	370	U	<	360	U
1,2-Diphenylhydrazine	<	360	U	<	360	U	<	370	U	<	360	U
1,3-Dichlorobenzene	<	360	U	<	360	U	<	370	U	<	360	U
1,4-Dichlorobenzene	<	360	U	<	360	U	<	370	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	360	U	<	370	U	<	360	U
2,4,5-Trichlorophenol	<	360	U	<	360	U	<	370	U	<	360	U
2,4,6-Trichlorophenol	<	360	U	<	360	U	<	370	U	<	360	U
2,4-Dichlorophenol	<	360	U	<	360	U	<	370	U	<	360	U
2,4-Dimethylphenol	<	360	U	<	360	U	<	370	U	<	360	U
2,4-Dinitrophenol	<	720	U	<	720	U	<	740	U	<	710	U
2,4-Dinitrotoluene	<	360	U	<	360	U	<	370	U	<	360	U
2,6-Dinitrotoluene	<	360	U	<	360	U	<	370	U	<	360	U
2-Chloronaphthalene	<	360	U	<	360	U	<	370	U	<	360	U
2-Chlorophenol	<	360	U	<	360	U	<	370	U	<	360	U
2-Methylnaphthalene	<	360	U	<	360	U	<	370	U	<	360	U
2-Methylphenol (O-Cresol)	<	360	U	<	360	U	<	370	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB04-030			CAE-SB04-040			CAE-SB05-002			CAE-SB05-005		
COLLECT DATE	4/30/98			4/30/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	360	U	<	360	U	<	370	U	<	360	U
2-Nitrophenol	<	360	U	<	360	U	<	370	U	<	360	U
3,3'-Dichlorobenzidine	<	720	U	<	720	U	<	740	U	<	710	U
3-Nitroaniline	<	360	U	<	360	U	<	370	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	720	U	<	720	U	<	740	U	<	710	U
4-Bromophenyl Phenyl Ether	<	360	U	<	360	U	<	370	U	<	360	U
4-Chloro-3-Methylphenol	<	360	U	<	360	U	<	370	U	<	360	U
4-Chloroaniline	<	360	U	<	360	U	<	370	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	360	U	<	370	U	<	360	U
4-Methylphenol (P-Cresol)	<	360	U	<	360	U	<	370	U	<	360	U
4-Nitroaniline	<	360	U	<	360	U	<	370	U	<	360	U
4-Nitrophenol	<	720	U	<	720	U	<	740	U	<	710	U
Acenaphthene	<	360	U	<	360	U	<	370	U	<	360	U
Acenaphthylene	<	360	U	<	360	U	<	370	U	<	360	U
Aniline (Phenylamine, Aminobenzene)	<	360	U	<	360	U	<	370	U	<	360	U
Anthracene	<	360	U	<	360	U	<	370	U	<	360	U
Benzo(a)anthracene	<	360	U	<	360	U	<	370	U	<	360	U
Benzo(a)pyrene	<	360	U	<	360	U	<	370	U	<	360	U
Benzo(b)fluoranthene	<	360	U	<	360	U	<	370	U	<	360	U
Benzo(g,h,i)perylene	<	360	U	<	360	U	<	370	U	<	360	U
Benzo(k)fluoranthene	<	360	U	<	360	U	<	370	U	<	360	U
Benzoic Acid	<	1800	U	<	1800	U	<	1900	U	<	1800	U
Benzyl Alcohol	<	360	U	<	360	U	<	370	U	<	360	U
Benzyl Butyl Phthalate	<	360	U	<	360	U	<	370	U	<	360	U
bis(2-Chloroethoxy) Methane	<	360	U	<	360	U	<	370	U	<	360	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	360	U	<	360	U	<	370	U	<	360	U
bis(2-Ethylhexyl) Phthalate	37	360		45	360		71	370		36	360	
Carbazole	<	360	U	<	360	U	<	370	U	<	360	U
Chrysene	<	360	U	<	360	U	<	370	U	<	360	U
Di-N-Butyl Phthalate	300	360		<	360	U	<	370	U	<	360	U
Di-N-Octylphthalate	<	360	U	<	360	U	<	370	U	<	360	U
Dibenz(a,h)anthracene	<	360	U	<	360	U	<	370	U	<	360	U
Dibenzofuran	<	360	U	<	360	U	<	370	U	<	360	U
Diethyl Phthalate	<	360	U	<	360	U	<	370	U	<	360	U
Dimethyl Propanedioic	<	360	U	<	360	U	<	370	U	<	360	U
Fluoranthene	<	360	U	<	360	U	<	370	U	<	360	U
Fluorene	<	360	U	<	360	U	<	370	U	<	360	U
Hexachlorobenzene	<	360	U	<	360	U	<	370	U	<	360	U
Hexachlorobutadiene	<	360	U	<	360	U	<	370	U	<	360	U
Hexachlorocyclopentadiene	<	360	U	<	360	U	<	370	U	<	360	U
Hexachloroethane	<	360	U	<	360	U	<	370	U	<	360	U
Indeno(1,2,3-c,d)pyrene	<	360	U	<	360	U	<	370	U	<	360	U
Isophorone	<	360	U	<	360	U	<	370	U	<	360	U
N-Nitrosodi-N-Propylamine	<	360	U	<	360	U	<	370	U	<	360	U
N-Nitrosodiphenylamine	<	360	U	<	360	U	<	370	U	<	360	U
Naphthalene	<	360	U	<	360	U	<	370	U	<	360	U
Nitrobenzene	<	360	U	<	360	U	<	370	U	<	360	U
Pentachlorophenol	<	720	U	<	720	U	<	740	U	<	710	U
Phenanthrene	<	360	U	<	360	U	<	370	U	<	360	U
Phenol	<	360	U	<	360	U	<	370	U	<	360	U
Pyrene	<	360	U	<	360	U	<	370	U	<	360	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.7	U	<	3.6	U	<	3.8	U	<	3.6	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.7	U	<	3.6	U	<	3.8	U	<	3.6	U
Alpha Endosulfan	<	3.7	U	<	3.6	U	<	3.8	U	<	3.6	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB04-030			CAE-SB04-040			CAE-SB05-002			CAE-SB05-005		
COLLECT DATE	4/30/98			4/30/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.7	U	<	3.6	U	<	3.8	U	<	3.6	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.7	U	<	3.6	U	<	3.8	U	<	3.6	U
Beta Endosulfan	<	7.1	U	<	7.1	U	<	7.4	U	<	7.1	U
Chlordane	<	710	U	<	710	U	<	740	U	<	710	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.1	U	<	7.1	U	<	7.4	U	<	7.1	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.1	U	<	7.1	U	<	7.4	U	<	7.1	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.1	U	<	7.1	U	<	7.4	U	<	7.1	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.7	U	<	3.6	U	<	3.8	U	<	3.6	U
Dieldrin	<	7.1	U	<	7.1	U	<	7.4	U	<	7.1	U
Endosulfan Sulfate	<	7.1	U	<	7.1	U	<	7.4	U	<	7.1	U
Endrin	<	7.1	U	<	7.1	U	<	7.4	U	<	7.1	U
Endrin Aldehyde	<	7.1	U	<	7.1	U	<	7.4	U	<	7.1	U
Endrin Ketone	<	7.1	U	<	7.1	U	<	7.4	U	<	7.1	U
Gamma BHC (Lindane)	<	3.7	U	<	3.6	U	<	3.8	U	<	3.6	U
Gamma-Chlordane	<	3.7	U	<	3.6	U	<	3.8	U	<	3.6	U
Heptachlor	<	3.7	U	<	3.6	U	<	3.8	U	<	3.6	U
Heptachlor Epoxide	<	3.7	U	<	3.6	U	<	3.8	U	<	3.6	U
Methoxychlor	<	37	U	<	36	U	<	38	U	<	36	U
PCB-1016 (Arochlor 1016)	<	71	U	<	71	U	<	74	U	<	71	U
PCB-1221 (Arochlor 1221)	<	71	U	<	71	U	<	74	U	<	71	U
PCB-1232 (Arochlor 1232)	<	71	U	<	71	U	<	74	U	<	71	U
PCB-1242 (Arochlor 1242)	<	71	U	<	71	U	<	74	U	<	71	U
PCB-1248 (Arochlor 1248)	<	71	U	<	71	U	<	74	U	<	71	U
PCB-1254 (Arochlor 1254)	<	71	U	<	71	U	<	74	U	<	71	U
PCB-1260 (Arochlor 1260)	<	71	U	<	71	U	<	74	U	<	71	U
TOXaphene	<	370	U	<	360	U	<	380	U	<	360	U
METALS (mg/kg)												
Aluminum	4000	21		4910	21		18200	21		17600	21	
Antimony	<	6.3	U	<	6.4	U	<	6.3	U	1.2	6.2	J
Arsenic	0.12	1.7	J	1.4	2.1	J	3.6	2.1		3	2.1	
Barium	232	21		52.6	21		109	21		370	21	
Beryllium	0.14	0.52	J	0.16	0.54	J	0.79	0.52		0.66	0.52	
Cadmium	<	0.52	U	<	0.54	U	<	0.52	U	<	0.52	U
Calcium	141000	5200		72100	5400		4720	520		48300	520	
Chromium, Total	11.8	1		7.9	1.1		12.6	1		14.3	1	
Cobalt	0.53	5.2	J	1	5.4	J	4.8	5.2	J	3.9	5.2	J
Copper	1.6	2.6	J	1.2	2.7	J	8.1	2.6		6.8	2.6	
Iron	2310	10	E	3120	11	E	13100	10	E	11000	10	E
Lead	0.12	0.25	J	2.1	0.32		8.4	0.32		8	0.31	
Magnesium	4320	520		4410	540		2580	520		3390	520	
Manganese	20.9	1.6	E	31.5	1.6	E	156	1.6	E	126	1.6	E
Mercury	<	0.19	U	0.04	0.2	J	0.04	0.22	J	0.07	0.15	
Nickel	2.8	4.2	J	2.8	4.3	J	12.3	4.2		10.4	4.2	
Potassium	734	520		1060	540		3010	520		3020	520	
Selenium	<	2.1	U	<	2.7	U	<	2.7	U	<	2.6	U
Silver	<	1	U	<	1.1	U	<	1	U	<	1	U
Sodium	134	520	J	101	540	J	35.2	520	J	53.6	520	J
Thallium	<	0.83	U	<	1.1	U	<	1.1	U	<	1	U
Vanadium	7.3	5.2	E	7.9	5.4	E	25.3	5.2	E	27.3	5.2	E
Zinc	6.4	2.1		7.5	2.1		29.4	2.1		26	2.1	

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB05-205			CAE-SB05-010			CAE-SB05-020			CAE-SB05-030		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	18	U	<	18	U	<	18	U
Acetone	<	18	U	<	11	U	<	18	U	<	18	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	38	U	<	21	U	<	39	U	<	23	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	350	U	<	360	U	<	370	U
1,2-Dichlorobenzene	<	360	U	<	350	U	<	360	U	<	370	U
1,2-Diphenylhydrazine	<	360	U	<	350	U	<	360	U	<	370	U
1,3-Dichlorobenzene	<	360	U	<	350	U	<	360	U	<	370	U
1,4-Dichlorobenzene	<	360	U	<	350	U	<	360	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	350	U	<	360	U	<	370	U
2,4,5-Trichlorophenol	<	360	U	<	350	U	<	360	U	<	370	U
2,4,6-Trichlorophenol	<	360	U	<	350	U	<	360	U	<	370	U
2,4-Dichlorophenol	<	360	U	<	350	U	<	360	U	<	370	U
2,4-Dimethylphenol	<	360	U	<	350	U	<	360	U	<	370	U
2,4-Dinitrophenol	<	720	U	<	710	U	<	720	U	<	730	U
2,4-Dinitrotoluene	<	360	U	<	350	U	<	360	U	<	370	U
2,6-Dinitrotoluene	<	360	U	<	350	U	<	360	U	<	370	U
2-Chloronaphthalene	<	360	U	<	350	U	<	360	U	<	370	U
2-Chlorophenol	<	360	U	<	350	U	<	360	U	<	370	U
2-Methylnaphthalene	<	360	U	<	350	U	<	360	U	<	370	U
2-Methylphenol (O-Cresol)	<	360	U	<	350	U	<	360	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB05-205			CAE-SB05-010			CAE-SB05-020			CAE-SB05-030		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	360	U	<	350	U	<	360	U	<	370	U
2-Nitrophenol	<	360	U	<	350	U	<	360	U	<	370	U
3,3'-Dichlorobenzidine	<	720	U	<	710	U	<	720	U	<	730	U
3-Nitroaniline	<	360	U	<	350	U	<	360	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	720	U	<	710	U	<	720	U	<	730	U
4-Bromophenyl Phenyl Ether	<	360	U	<	350	U	<	360	U	<	370	U
4-Chloro-3-Methylphenol	<	360	U	<	350	U	<	360	U	<	370	U
4-Chloroaniline	<	360	U	<	350	U	<	360	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	350	U	<	360	U	<	370	U
4-Methylphenol (P-Cresol)	<	360	U	<	350	U	<	360	U	<	370	U
4-Nitroaniline	<	360	U	<	350	U	<	360	U	<	370	U
4-Nitrophenol	<	720	U	<	710	U	<	720	U	<	730	U
Acenaphthene	<	360	U	<	350	U	<	360	U	<	370	U
Acenaphthylene	<	360	U	<	350	U	<	360	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	360	U	<	350	U	<	360	U	<	370	U
Anthracene	<	360	U	<	350	U	<	360	U	<	370	U
Benzo(a)anthracene	<	360	U	<	350	U	<	360	U	<	370	U
Benzo(a)pyrene	<	360	U	<	350	U	<	360	U	<	370	U
Benzo(b)fluoranthene	<	360	U	<	350	U	<	360	U	<	370	U
Benzo(g,h,i)perylene	<	360	U	<	350	U	<	360	U	<	370	U
Benzo(k)fluoranthene	<	360	U	<	350	U	<	360	U	<	370	U
Benzoic Acid	<	1800	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	360	U	<	350	U	<	360	U	<	370	U
Benzyl Butyl Phthalate	<	360	U	<	350	U	<	360	U	<	370	U
bis(2-Chloroethoxy) Methane	<	360	U	<	350	U	<	360	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	360	U	<	350	U	<	360	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	360	U	22	350		38	360		75	370	
Carbazole	<	360	U	<	350	U	<	360	U	<	370	U
Chrysene	<	360	U	<	350	U	<	360	U	<	370	U
Di-N-Butyl Phthalate	<	360	U	<	350	U	<	360	U	<	370	U
Di-N-Octylphthalate	<	360	U	<	350	U	<	360	U	<	370	U
Dibenz(a,h)anthracene	<	360	U	<	350	U	<	360	U	<	370	U
Dibenzofuran	<	360	U	<	350	U	<	360	U	<	370	U
Diethyl Phthalate	<	360	U	<	350	U	<	360	U	<	370	U
Dimethyl Propanedioic	<	360	U	<	350	U	<	360	U	<	370	U
Fluoranthene	<	360	U	<	350	U	<	360	U	<	370	U
Fluorene	<	360	U	<	350	U	<	360	U	<	370	U
Hexachlorobenzene	<	360	U	<	350	U	<	360	U	<	370	U
Hexachlorobutadiene	<	360	U	<	350	U	<	360	U	<	370	U
Hexachlorocyclopentadiene	<	360	U	<	350	U	<	360	U	<	370	U
Hexachloroethane	<	360	U	<	350	U	<	360	U	<	370	U
Indeno(1,2,3-c,d)pyrene	<	360	U	<	350	U	<	360	U	<	370	U
Isophorone	<	360	U	<	350	U	<	360	U	<	370	U
N-Nitrosodi-N-Propylamine	<	360	U	<	350	U	<	360	U	<	370	U
N-Nitrosodiphenylamine	<	360	U	<	350	U	<	360	U	<	370	U
Naphthalene	<	360	U	<	350	U	<	360	U	<	370	U
Nitrobenzene	<	360	U	<	350	U	<	360	U	<	370	U
Pentachlorophenol	<	720	U	<	710	U	<	720	U	<	730	U
Phenanthrene	<	360	U	<	350	U	<	360	U	<	370	U
Phenol	<	360	U	<	350	U	<	360	U	<	370	U
Pyrene	<	360	U	<	350	U	<	360	U	<	370	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.7	U	<	3.6	U	<	3.7	U	<	3.7	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.7	U	<	3.6	U	<	3.7	U	<	3.7	U
Alpha Endosulfan	<	3.7	U	<	3.6	U	<	3.7	U	<	3.7	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB05-205			CAE-SB05-010			CAE-SB05-020			CAE-SB05-030		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.7	U	<	3.6	U	<	3.7	U	<	3.7	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.7	U	<	3.6	U	<	3.7	U	<	3.7	U
Beta Endosulfan	<	7.1	U	<	7	U	<	7.1	U	<	7.2	U
Chlordane	<	710	U	<	700	U	<	710	U	<	720	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.1	U	<	7	U	<	7.1	U	<	7.2	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.1	U	<	7	U	<	7.1	U	<	7.2	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.1	U	<	7	U	<	7.1	U	<	7.2	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.7	U	<	3.6	U	<	3.7	U	<	3.7	U
Dieldrin	<	7.1	U	<	7	U	<	7.1	U	<	7.2	U
Endosulfan Sulfate	<	7.1	U	<	7	U	<	7.1	U	<	7.2	U
Endrin	<	7.1	U	<	7	U	<	7.1	U	<	7.2	U
Endrin Aldehyde	<	7.1	U	<	7	U	<	7.1	U	<	7.2	U
Endrin Ketone	<	7.1	U	<	7	U	<	7.1	U	<	7.2	U
Gamma BHC (Lindane)	<	3.7	U	<	3.6	U	<	3.7	U	<	3.7	U
Gamma-Chlordane	<	3.7	U	<	3.6	U	<	3.7	U	<	3.7	U
Heptachlor	<	3.7	U	<	3.6	U	<	3.7	U	<	3.7	U
Heptachlor Epoxide	<	3.7	U	<	3.6	U	<	3.7	U	<	3.7	U
Methoxychlor	<	37	U	<	36	U	<	37	U	<	37	U
PCB-1016 (Arochlor 1016)	<	71	U	<	70	U	<	71	U	<	72	U
PCB-1221 (Arochlor 1221)	<	71	U	<	70	U	<	71	U	<	72	U
PCB-1232 (Arochlor 1232)	<	71	U	<	70	U	<	71	U	<	72	U
PCB-1242 (Arochlor 1242)	<	71	U	<	70	U	<	71	U	<	72	U
PCB-1248 (Arochlor 1248)	<	71	U	<	70	U	<	71	U	<	72	U
PCB-1254 (Arochlor 1254)	<	71	U	<	70	U	<	71	U	<	72	U
PCB-1260 (Arochlor 1260)	<	71	U	<	70	U	<	71	U	<	72	U
TOXaphene	<	370	U	<	360	U	<	370	U	<	370	U
METALS (mg/kg)												
Aluminum	14600	21		7370	21		11400	21		5240	21	
Antimony	<	6.4	U	<	6.2	U	<	6.2	U	<	6.4	U
Arsenic	3.3	2.1		2.6	2.1		3	2.1		1.2	2.1	J
Barium	368	21		356	21		135	21		118	21	
Beryllium	0.61	0.54		0.38	0.51	J	0.58	0.51		0.18	0.54	J
Cadmium	<	0.54	U	<	0.51	U	0.17	0.51	J	<	0.54	U
Calcium	50600	540		223000	5100		81200	5100		173000	5400	
Chromium, Total	12.9	1.1		18.6	1		12.2	1		15.6	1.1	
Cobalt	3.8	5.4		2.6	5.1	J	3.6	5.1	J	1.3	5.4	J
Copper	7	2.7		3	2.6		4.3	2.6		2.6	2.7	J
Iron	10000	11	E	4430	10	E	7560	10	E	2740	11	E
Lead	8.7	0.32		4.1	0.31		5.9	0.32		2.3	0.31	
Magnesium	3120	540		3190	510		4500	510		10600	540	
Manganese	121	1.6	E	44.3	1.5	E	132	1.5	E	23.8	1.6	E
Mercury	0.06	0.17		0.05	0.17	J	<	0.21	U	<	0.19	U
Nickel	9.6	4.3		5.8	4.1		7.8	4.1		4.6	4.3	
Potassium	2580	540		1450	510		2590	510		918	540	
Selenium	<	2.7	U	<	2.6	U	<	2.7	U	<	2.6	U
Silver	<	1.1	U	<	1	U	<	1	U	<	1.1	U
Sodium	48	540		170	510	J	311	510	J	202	540	J
Thallium	<	1.1	U	<	1	U	<	1.1	U	<	1	U
Vanadium	24.1	5.4	E	11.7	5.1	E	20.2	5.1	E	14	5.4	E
Zinc	23.5	2.1		12.9	2.1		21.5	2.1		8.6	2.1	

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB05-040			CAE-SB06-002			CAE-SB06-202			CAE-SB06-005		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	18	U	<	18	U	<	18	U
Acetone	<	18	U	<	19	U	<	18	U	<	18	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	20	U	<	22	U	<	19	U	<	19	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	10	11		<	11	U	12	11	
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	350	U	<	370	U	<	370	U	<	370	U
1,2-Dichlorobenzene	<	350	U	<	370	U	<	370	U	<	370	U
1,2-Diphenylhydrazine	<	350	U	<	370	U	<	370	U	<	370	U
1,3-Dichlorobenzene	<	350	U	<	370	U	<	370	U	<	370	U
1,4-Dichlorobenzene	<	350	U	<	370	U	<	370	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	350	U	<	370	U	<	370	U	<	370	U
2,4,5-Trichlorophenol	<	350	U	<	370	U	<	370	U	<	370	U
2,4,6-Trichlorophenol	<	350	U	<	370	U	<	370	U	<	370	U
2,4-Dichlorophenol	<	350	U	<	370	U	<	370	U	<	370	U
2,4-Dimethylphenol	<	350	U	<	370	U	<	370	U	<	370	U
2,4-Dinitrophenol	<	710	U	<	740	U	<	740	U	<	730	U
2,4-Dinitrotoluene	<	350	U	<	370	U	<	370	U	<	370	U
2,6-Dinitrotoluene	<	350	U	<	370	U	<	370	U	<	370	U
2-Chloronaphthalene	<	350	U	<	370	U	<	370	U	<	370	U
2-Chlorophenol	<	350	U	<	370	U	<	370	U	<	370	U
2-Methylnaphthalene	<	350	U	<	370	U	<	370	U	<	370	U
2-Methylphenol (O-Cresol)	<	350	U	<	370	U	<	370	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB05-040			CAE-SB06-002			CAE-SB06-202			CAE-SB06-005		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	350	U	<	370	U	<	370	U	<	370	U
2-Nitrophenol	<	350	U	<	370	U	<	370	U	<	370	U
3,3'-Dichlorobenzidine	<	710	U	<	740	U	<	740	U	<	730	U
3-Nitroaniline	<	350	U	<	370	U	<	370	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	710	U	<	740	U	<	740	U	<	730	U
4-Bromophenyl Phenyl Ether	<	350	U	<	370	U	<	370	U	<	370	U
4-Chloro-3-Methylphenol	<	350	U	<	370	U	<	370	U	<	370	U
4-Chloroaniline	<	350	U	<	370	U	<	370	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	350	U	<	370	U	<	370	U	<	370	U
4-Methylphenol (P-Cresol)	<	350	U	<	370	U	<	370	U	<	370	U
4-Nitroaniline	<	350	U	<	370	U	<	370	U	<	370	U
4-Nitrophenol	<	710	U	<	740	U	<	740	U	<	730	U
Acenaphthene	<	350	U	<	370	U	<	370	U	<	370	U
Acenaphthylene	<	350	U	<	370	U	<	370	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	350	U	<	370	U	<	370	U	<	370	U
Anthracene	<	350	U	<	370	U	<	370	U	<	370	U
Benzo(a)anthracene	<	350	U	<	370	U	<	370	U	<	370	U
Benzo(a)pyrene	<	350	U	<	370	U	<	370	U	<	370	U
Benzo(b)fluoranthene	<	350	U	<	370	U	<	370	U	<	370	U
Benzo(g,h,i)perylene	<	350	U	<	370	U	<	370	U	<	370	U
Benzo(k)fluoranthene	<	350	U	<	370	U	<	370	U	<	370	U
Benzoic Acid	<	1800	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	350	U	<	370	U	<	370	U	<	370	U
Benzyl Butyl Phthalate	<	350	U	<	370	U	<	370	U	<	370	U
bis(2-Chloroethoxy) Methane	<	350	U	<	370	U	<	370	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	350	U	<	370	U	<	370	U	<	370	U
bis(2-Ethylhexyl) Phthalate	27	350		84	370		<	370	U	44	370	
Carbazole	<	350	U	<	370	U	<	370	U	<	370	U
Chrysene	<	350	U	<	370	U	<	370	U	<	370	U
Di-N-Butyl Phthalate	<	350	U	<	370	U	<	370	U	<	370	U
Di-N-Octylphthalate	<	350	U	<	370	U	<	370	U	<	370	U
Dibenz(a,h)anthracene	<	350	U	<	370	U	<	370	U	<	370	U
Dibenzofuran	<	350	U	<	370	U	<	370	U	<	370	U
Diethyl Phthalate	<	350	U	<	370	U	<	370	U	<	370	U
Dimethyl Propanedioic	<	350	U	<	370	U	<	370	U	<	370	U
Fluoranthene	<	350	U	<	370	U	<	370	U	<	370	U
Fluorene	<	350	U	<	370	U	<	370	U	<	370	U
Hexachlorobenzene	<	350	U	<	370	U	<	370	U	<	370	U
Hexachlorobutadiene	<	350	U	<	370	U	<	370	U	<	370	U
Hexachlorocyclopentadiene	<	350	U	<	370	U	<	370	U	<	370	U
Hexachloroethane	<	350	U	<	370	U	<	370	U	<	370	U
Indeno(1,2,3-c,d)pyrene	<	350	U	<	370	U	<	370	U	<	370	U
Isophorone	<	350	U	<	370	U	<	370	U	<	370	U
N-Nitrosodi-N-Propylamine	<	350	U	<	370	U	<	370	U	<	370	U
N-Nitrosodiphenylamine	<	350	U	<	370	U	<	370	U	<	370	U
Naphthalene	<	350	U	<	370	U	<	370	U	<	370	U
Nitrobenzene	<	350	U	<	370	U	<	370	U	<	370	U
Pentachlorophenol	<	710	U	<	740	U	<	740	U	<	730	U
Phenanthrene	<	350	U	<	370	U	<	370	U	<	370	U
Phenol	<	350	U	<	370	U	<	370	U	<	370	U
Pyrene	<	350	U	<	370	U	<	370	U	<	370	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.6	U	<	3.8	U	<	3.8	U	<	3.7	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.6	U	<	3.8	U	<	3.8	U	<	3.7	U
Alpha Endosulfan	<	3.6	U	<	3.8	U	<	3.8	U	<	3.7	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB05-040			CAE-SB06-002			CAE-SB06-202			CAE-SB06-005		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.6	U	<	3.8	U	<	3.8	U	<	3.7	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.6	U	<	3.8	U	<	3.8	U	<	3.7	U
Beta Endosulfan	<	7	U	<	7.3	U	<	7.3	U	<	7.3	U
Chlordane	<	700	U	<	730	U	<	730	U	<	730	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7	U	<	7.3	U	<	7.3	U	<	7.3	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7	U	<	7.3	U	<	7.3	U	2.02	1.9	
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7	U	3.9	7.3		<	7.3	U	4.6	7.3	
Delta BHC (Delta Hexachlorocyclohexane)	<	3.6	U	<	3.8	U	<	3.8	U	<	3.7	U
Dieldrin	<	7	U	<	7.3	U	<	7.3	U	<	7.3	U
Endosulfan Sulfate	<	7	U	<	7.3	U	<	7.3	U	<	7.3	U
Endrin	<	7	U	<	7.3	U	<	7.3	U	<	7.3	U
Endrin Aldehyde	<	7	U	<	7.3	U	<	7.3	U	<	7.3	U
Endrin Ketone	<	7	U	<	7.3	U	<	7.3	U	<	7.3	U
Gamma BHC (Lindane)	<	3.6	U	<	3.8	U	<	3.8	U	<	3.7	U
Gamma-Chlordane	<	3.6	U	<	3.8	U	<	3.8	U	<	3.7	U
Heptachlor	<	3.6	U	<	3.8	U	<	3.8	U	<	3.7	U
Heptachlor Epoxide	<	3.6	U	<	3.8	U	<	3.8	U	<	3.7	U
Methoxychlor	<	36	U	<	38	U	<	38	U	<	37	U
PCB-1016 (Arochlor 1016)	<	70	U	<	73	U	<	73	U	<	73	U
PCB-1221 (Arochlor 1221)	<	70	U	<	73	U	<	73	U	<	73	U
PCB-1232 (Arochlor 1232)	<	70	U	<	73	U	<	73	U	<	73	U
PCB-1242 (Arochlor 1242)	<	70	U	<	73	U	<	73	U	<	73	U
PCB-1248 (Arochlor 1248)	<	70	U	<	73	U	<	73	U	<	73	U
PCB-1254 (Arochlor 1254)	<	70	U	<	73	U	<	73	U	<	73	U
PCB-1260 (Arochlor 1260)	<	70	U	<	73	U	<	73	U	<	73	U
TOXaphene	<	360	U	<	380	U	<	380	U	<	370	U
METALS (mg/kg)												
Aluminum	5580	20		16900	21		13700	20		12200	20	
Antimony	<	6	U	<	6.3	U	<	5.9	U	<	6.1	U
Arsenic	1.4	1.8	J	2.9	2.2		2.6	1.8		3.5	1.9	
Barium	48.1	20		81.7	21		73.6	20		201	20	
Beryllium	0.2	0.5	J	0.7	0.52		0.62	0.49		0.5	0.51	J
Cadmium	0.16	0.5	J	<	0.52	U	<	0.49	U	<	0.51	U
Calcium	78500	5000		2370	520		2420	490		105000	5100	
Chromium, Total	8.9	1		12.3	1		9.9	0.98		14.1	1	
Cobalt	1	5	J	4.6	5.2	J	4.1	4.9		2.8	5.1	J
Copper	2.6	2.5		7.7	2.6		6.5	2.5		5.1	2.5	
Iron	3770	10	E	12200	10	E	10200	9.8	E	7590	10	E
Lead	2.5	0.27		7.6	0.32		7.4	0.55		6.6	0.29	
Magnesium	5990	500		2170	520		1920	490		3010	510	
Manganese	35.4	1.5	E	161	1.6	E	135	1.5	E	77.6	1.5	E
Mercury	<	0.21	U	<	0.21	U	<	0.19	U	0.04	0.17	J
Nickel	3.7	4	J	12.5	4.2		9.6	3.9		8.8	4.1	
Potassium	1200	500		2690	520		2250	490		1980	510	
Selenium	<	2.3	U	<	2.7	U	0.61	2.3		<	2.4	U
Silver	<	1	U	<	1	U	<	0.98	U	<	1	U
Sodium	127	500	J	42.5	520	J	27.9	490		36.4	510	J
Thallium	<	0.9	U	<	1.1	U	<	0.92	U	<	0.97	U
Vanadium	11.3	5	E	22.5	5.2	E	19.4	4.9	E	18.8	5.1	E
Zinc	8.7	2		27.6	2.1		23.4	2		18.5	2	

J - Estimated value
Qual - Qualifier
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram
RL - Reporting Limit
U - Nondetect

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB06-010			CAE-SB06-020			CAE-SB06-030			CAE-SB06-040		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	18	U	<	18	U	<	18	U
Acetone	<	18	U	<	18	U	<	18	U	<	18	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	22	U	<	42	U	<	20	U	<	18	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	360	U	<	360	U	<	350	U
1,2-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	350	U
1,2-Diphenylhydrazine	<	360	U	<	360	U	<	360	U	<	350	U
1,3-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	350	U
1,4-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	350	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	360	U	<	360	U	<	350	U
2,4,5-Trichlorophenol	<	360	U	<	360	U	<	360	U	<	350	U
2,4,6-Trichlorophenol	<	360	U	<	360	U	<	360	U	<	350	U
2,4-Dichlorophenol	<	360	U	<	360	U	<	360	U	<	350	U
2,4-Dimethylphenol	<	360	U	<	360	U	<	360	U	<	350	U
2,4-Dinitrophenol	<	720	U	<	720	U	<	720	U	<	710	U
2,4-Dinitrotoluene	<	360	U	<	360	U	<	360	U	<	350	U
2,6-Dinitrotoluene	<	360	U	<	360	U	<	360	U	<	350	U
2-Chloronaphthalene	<	360	U	<	360	U	<	360	U	<	350	U
2-Chlorophenol	<	360	U	<	360	U	<	360	U	<	350	U
2-Methylnaphthalene	<	360	U	<	360	U	<	360	U	<	350	U
2-Methylphenol (O-Cresol)	<	360	U	<	360	U	<	360	U	<	350	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB06-010			CAE-SB06-020			CAE-SB06-030			CAE-SB06-040		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	360	U	<	360	U	<	360	U	<	350	U
2-Nitrophenol	<	360	U	<	360	U	<	360	U	<	350	U
3,3'-Dichlorobenzidine	<	720	U	<	720	U	<	720	U	<	710	U
3-Nitroaniline	<	360	U	<	360	U	<	360	U	<	350	U
4,6-Dinitro-2-Methylphenol	<	720	U	<	720	U	<	720	U	<	710	U
4-Bromophenyl Phenyl Ether	<	360	U	<	360	U	<	360	U	<	350	U
4-Chloro-3-Methylphenol	<	360	U	<	360	U	<	360	U	<	350	U
4-Chloroaniline	<	360	U	<	360	U	<	360	U	<	350	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	360	U	<	360	U	<	350	U
4-Methylphenol (P-Cresol)	<	360	U	<	360	U	<	360	U	<	350	U
4-Nitroaniline	<	360	U	<	360	U	<	360	U	<	350	U
4-Nitrophenol	<	720	U	<	720	U	<	720	U	<	710	U
Acenaphthene	<	360	U	<	360	U	<	360	U	<	350	U
Acenaphthylene	<	360	U	<	360	U	<	360	U	<	350	U
Aniline (Phenylamine, Aminobenzene)	<	360	U	<	360	U	<	360	U	<	350	U
Anthracene	<	360	U	<	360	U	<	360	U	<	350	U
Benzo(a)anthracene	<	360	U	<	360	U	<	360	U	<	350	U
Benzo(a)pyrene	<	360	U	<	360	U	<	360	U	<	350	U
Benzo(b)fluoranthene	<	360	U	<	360	U	<	360	U	<	350	U
Benzo(g,h,i)perylene	<	360	U	<	360	U	<	360	U	<	350	U
Benzo(k)fluoranthene	<	360	U	<	360	U	<	360	U	<	350	U
Benzoic Acid	<	1800	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	360	U	<	360	U	<	360	U	<	350	U
Benzyl Butyl Phthalate	<	360	U	<	360	U	<	360	U	<	350	U
bis(2-Chloroethoxy) Methane	<	360	U	<	360	U	<	360	U	<	350	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	360	U	<	360	U	<	360	U	<	350	U
bis(2-Ethylhexyl) Phthalate	21	360		66	360		15	360		18	350	
Carbazole	<	360	U	<	360	U	<	360	U	<	350	U
Chrysene	<	360	U	<	360	U	<	360	U	<	350	U
Di-N-Butyl Phthalate	<	360	U	<	360	U	<	360	U	<	350	U
Di-N-Octylphthalate	<	360	U	<	360	U	<	360	U	<	350	U
Dibenz(a,h)anthracene	<	360	U	<	360	U	<	360	U	<	350	U
Dibenzofuran	<	360	U	<	360	U	<	360	U	<	350	U
Diethyl Phthalate	<	360	U	<	360	U	<	360	U	<	350	U
Dimethyl Propanedioic	<	360	U	<	360	U	<	360	U	<	350	U
Fluoranthene	<	360	U	<	360	U	<	360	U	<	350	U
Fluorene	<	360	U	<	360	U	<	360	U	<	350	U
Hexachlorobenzene	<	360	U	<	360	U	<	360	U	<	350	U
Hexachlorobutadiene	<	360	U	<	360	U	<	360	U	<	350	U
Hexachlorocyclopentadiene	<	360	U	<	360	U	<	360	U	<	350	U
Hexachloroethane	<	360	U	<	360	U	<	360	U	<	350	U
Indeno(1,2,3-c,d)pyrene	<	360	U	<	360	U	<	360	U	<	350	U
Isophorone	<	360	U	<	360	U	<	360	U	<	350	U
N-Nitrosodi-N-Propylamine	<	360	U	<	360	U	<	360	U	<	350	U
N-Nitrosodiphenylamine	<	360	U	<	360	U	<	360	U	<	350	U
Naphthalene	<	360	U	<	360	U	<	360	U	<	350	U
Nitrobenzene	<	360	U	<	360	U	<	360	U	<	350	U
Pentachlorophenol	<	720	U	<	720	U	<	720	U	<	710	U
Phenanthrene	<	360	U	<	360	U	<	360	U	<	350	U
Phenol	<	360	U	<	360	U	<	360	U	<	350	U
Pyrene	<	360	U	<	360	U	<	360	U	<	350	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.7	U	<	3.7	U	<	3.7	U	<	3.6	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.7	U	<	3.7	U	<	3.7	U	<	3.6	U
Alpha Endosulfan	<	3.7	U	<	3.7	U	<	3.7	U	<	3.6	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB06-010			CAE-SB06-020			CAE-SB06-030			CAE-SB06-040		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.7	U	<	3.7	U	<	3.7	U	<	3.6	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.7	U	<	3.7	U	<	3.7	U	<	3.6	U
Beta Endosulfan	<	7.2	U	<	7.2	U	<	7.1	U	<	7	U
Chlordane	<	720	U	<	720	U	<	710	U	<	700	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.2	U	<	7.2	U	<	7.1	U	<	7	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.2	U	<	7.2	U	<	7.1	U	<	7	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.2	U	<	7.2	U	<	7.1	U	<	7	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.7	U	<	3.7	U	<	3.7	U	<	3.6	U
Dieldrin	<	7.2	U	<	7.2	U	<	7.1	U	<	7	U
Endosulfan Sulfate	<	7.2	U	<	7.2	U	<	7.1	U	<	7	U
Endrin	<	7.2	U	<	7.2	U	<	7.1	U	<	7	U
Endrin Aldehyde	<	7.2	U	<	7.2	U	<	7.1	U	<	7	U
Endrin Ketone	<	7.2	U	<	7.2	U	<	7.1	U	<	7	U
Gamma BHC (Lindane)	<	3.7	U	<	3.7	U	<	3.7	U	<	3.6	U
Gamma-Chlordane	<	3.7	U	<	3.7	U	<	3.7	U	<	3.6	U
Heptachlor	<	3.7	U	<	3.7	U	<	3.7	U	<	3.6	U
Heptachlor Epoxide	<	3.7	U	<	3.7	U	<	3.7	U	<	3.6	U
Methoxychlor	<	37	U	<	37	U	<	37	U	<	36	U
PCB-1016 (Arochlor 1016)	<	72	U	<	72	U	<	71	U	<	70	U
PCB-1221 (Arochlor 1221)	<	72	U	<	72	U	<	71	U	<	70	U
PCB-1232 (Arochlor 1232)	<	72	U	<	72	U	<	71	U	<	70	U
PCB-1242 (Arochlor 1242)	<	72	U	<	72	U	<	71	U	<	70	U
PCB-1248 (Arochlor 1248)	<	72	U	<	72	U	<	71	U	<	70	U
PCB-1254 (Arochlor 1254)	<	72	U	<	72	U	<	71	U	<	70	U
PCB-1260 (Arochlor 1260)	<	72	U	<	72	U	<	71	U	<	70	U
TOXaphene	<	370	U	<	370	U	<	370	U	<	360	U
METALS (mg/kg)												
Aluminum	9100	21		10500	19		7860	21		3670	19	
Antimony	<	6.4	U	<	5.6	U	<	6.4	U	<	5.8	U
Arsenic	2.8	2.1		2.1	1.8		1.3	1.9	J	0.92	0.83	J
Barium	108	21		338	19		1000	21		20.9	19	
Beryllium	0.43	0.54	J	0.45	0.46	J	0.28	0.53	J	0.15	0.49	J
Cadmium	0.31	0.54	J	<	0.46	U	<	0.53	U	<	0.49	U
Calcium	98500	5400		83700	4600		86000	5300		31900	490	
Chromium, Total	12.4	1.1		11.5	0.93		10.2	1.1		4.6	0.97	
Cobalt	2.7	5.4	J	2.5	4.6	J	1.2	5.3	J	0.85	4.9	J
Copper	3.9	2.7		2.8	2.3		2.3	2.7	J	0.95	2.4	J
Iron	6280	11	E	6550	9.3	E	4330	11	E	2670	9.7	E
Lead	4.7	0.31	J	4.2	0.26		2.7	0.29		2.1	0.25	
Magnesium	3130	540		3960	460		7370	530		2830	490	
Manganese	76.6	1.6	E	75.6	1.4	E	36.4	1.6	E	28.8	1.5	E
Mercury	<	0.21	U	<	0.19	U	<	0.19	U	<	0.2	U
Nickel	6.9	4.3		6.6	3.7		4.9	4.3		2.5	3.9	J
Potassium	1780	540		2350	460		1650	530		814	490	
Selenium	<	2.6	U	0.66	2.2	J	<	2.4	U	<	2.1	U
Silver	<	1.1	U	<	0.93	U	<	1.1	U	<	0.97	U
Sodium	37.3	540	J	74.6	460	J	181	530	J	85.9	490	J
Thallium	<	1	U	<	0.88	U	<	0.95	U	<	0.83	U
Vanadium	15.8	5.4	E	16.6	4.6	E	10.3	5.3	E	6.3	4.9	E
Zinc	15.6	2.1		15.5	1.9		10.3	2.1		6.3	1.9	

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB07-005			CAE-SB07-010			CAE-SB07-015			CAE-SB07-025		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	19	U	<	18	U	<	18	U	<	18	U
Acetone	<	73	U	<	100	U	<	220	U	<	58	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	26	19		32	18		46	18		<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	49	19		55	18		72	18		14	18	
Methylene Chloride	<	24	U	<	22	U	<	22	U	<	25	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	5	11		<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
1,2-Dichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
1,2-Diphenylhydrazine	<	370	U	<	360	U	<	360	U	<	370	U
1,3-Dichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
1,4-Dichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	370	U	<	360	U	<	360	U	<	370	U
2,4,5-Trichlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2,4,6-Trichlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2,4-Dichlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2,4-Dimethylphenol	<	370	U	<	360	U	<	360	U	<	370	U
2,4-Dinitrophenol	<	740	U	<	710	U	<	720	U	<	730	U
2,4-Dinitrotoluene	<	370	U	<	360	U	<	360	U	<	370	U
2,6-Dinitrotoluene	<	370	U	<	360	U	<	360	U	<	370	U
2-Chloronaphthalene	<	370	U	<	360	U	<	360	U	<	370	U
2-Chlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2-Methylnaphthalene	<	370	U	<	360	U	<	360	U	<	370	U
2-Methylphenol (O-Cresol)	<	370	U	<	360	U	<	360	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB07-005			CAE-SB07-010			CAE-SB07-015			CAE-SB07-025		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	370	U	<	360	U	<	360	U	<	370	U
2-Nitrophenol	<	370	U	<	360	U	<	360	U	<	370	U
3,3'-Dichlorobenzidine	<	740	U	<	710	U	<	720	U	<	730	U
3-Nitroaniline	<	370	U	<	360	U	<	360	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	740	U	<	710	U	<	720	U	<	730	U
4-Bromophenyl Phenyl Ether	<	370	U	<	360	U	<	360	U	<	370	U
4-Chloro-3-Methylphenol	<	370	U	<	360	U	<	360	U	<	370	U
4-Chloroaniline	<	370	U	<	360	U	<	360	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	370	U	<	360	U	<	360	U	<	370	U
4-Methylphenol (P-Cresol)	<	370	U	<	360	U	<	360	U	<	370	U
4-Nitroaniline	<	370	U	<	360	U	<	360	U	<	370	U
4-Nitrophenol	<	740	U	<	710	U	<	720	U	<	730	U
Acenaphthene	<	370	U	<	360	U	<	360	U	<	370	U
Acenaphthylene	<	370	U	<	360	U	<	360	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	370	U	<	360	U	<	360	U	<	370	U
Anthracene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(a)anthracene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(a)pyrene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(b)fluoranthene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(g,h,i)perylene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(k)fluoranthene	<	370	U	<	360	U	<	360	U	<	370	U
Benzoic Acid	<	1900	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	370	U	<	360	U	<	360	U	<	370	U
Benzyl Butyl Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
bis(2-Chloroethoxy) Methane	<	370	U	<	360	U	<	360	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	370	U	<	360	U	<	360	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	370	U	<	370	U	<	360	U	<	370	U
Carbazole	<	370	U	<	360	U	<	360	U	<	370	U
Chrysene	<	370	U	<	360	U	<	360	U	<	370	U
Di-N-Butyl Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
Di-N-Octylphthalate	<	370	U	<	360	U	<	360	U	<	370	U
Dibenz(a,h)anthracene	<	370	U	<	360	U	<	360	U	<	370	U
Dibenzofuran	<	370	U	<	360	U	<	360	U	<	370	U
Diethyl Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
Dimethyl Propanedioic	<	370	U	<	360	U	<	360	U	<	370	U
Fluoranthene	<	370	U	<	360	U	<	360	U	<	370	U
Fluorene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachlorobutadiene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachlorocyclopentadiene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachloroethane	<	370	U	<	360	U	<	360	U	<	370	U
Indeno(1,2,3-c,d)pyrene	<	370	U	<	360	U	<	360	U	<	370	U
Isophorone	<	370	U	<	360	U	<	360	U	<	370	U
N-Nitrosodi-N-Propylamine	<	370	U	<	360	U	<	360	U	<	370	U
N-Nitrosodiphenylamine	<	370	U	<	360	U	<	360	U	<	370	U
Naphthalene	<	370	U	<	360	U	<	360	U	<	370	U
Nitrobenzene	<	370	U	<	360	U	<	360	U	<	370	U
Pentachlorophenol	<	740	U	<	710	U	<	720	U	<	730	U
Phenanthrene	<	370	U	<	360	U	<	360	U	<	370	U
Phenol	<	370	U	<	360	U	<	360	U	<	370	U
Pyrene	<	370	U	<	360	U	<	360	U	<	370	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	1.9	U	<	1.8	U	<	1.8	U	<	1.9	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	1.9	U	<	1.8	U	<	1.8	U	<	1.9	U
Alpha Endosulfan	<	1.9	U	<	1.8	U	<	1.8	U	<	1.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB07-005			CAE-SB07-010			CAE-SB07-015			CAE-SB07-025		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	1.9	U	<	1.8	U	<	1.8	U	<	1.9	U
Beta BHC (Beta Hexachlorocyclohexane)	<	1.9	U	<	1.8	U	<	1.8	U	<	1.9	U
Beta Endosulfan	<	3.7	U	<	3.5	U	<	3.5	U	<	3.6	U
Chlordane	<	370	U	<	350	U	<	350	U	<	360	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	3.7	U	<	3.5	U	<	3.5	U	<	3.6	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	3.7	U	<	3.5	U	<	3.5	U	<	3.6	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	3.7	U	<	3.5	U	<	3.5	U	<	3.6	U
Delta BHC (Delta Hexachlorocyclohexane)	<	1.9	U	<	1.8	U	<	1.8	U	<	1.9	U
Dieldrin	<	3.7	U	<	3.5	U	<	3.5	U	<	3.6	U
Endosulfan Sulfate	<	3.7	U	<	3.5	U	<	3.5	U	<	3.6	U
Endrin	<	3.7	U	<	3.5	U	<	3.5	U	<	3.6	U
Endrin Aldehyde	<	3.7	U	<	3.5	U	<	3.5	U	<	3.6	U
Endrin Ketone	<	3.7	U	<	3.5	U	<	3.5	U	<	3.6	U
Gamma BHC (Lindane)	<	1.9	U	<	1.8	U	<	1.8	U	<	1.9	U
Gamma-Chlordane	<	1.9	U	<	1.8	U	<	1.8	U	<	1.9	U
Heptachlor	<	1.9	U	<	1.8	U	<	1.8	U	<	1.9	U
Heptachlor Epoxide	<	1.9	U	<	1.8	U	<	1.8	U	<	1.9	U
Methoxychlor	<	19	U	<	18	U	<	18	U	<	19	U
PCB-1016 (Arochlor 1016)	<	37	U	<	35	U	<	35	U	<	36	U
PCB-1221 (Arochlor 1221)	<	37	U	<	35	U	<	35	U	<	36	U
PCB-1232 (Arochlor 1232)	<	37	U	<	35	U	<	35	U	<	36	U
PCB-1242 (Arochlor 1242)	<	37	U	<	35	U	<	35	U	<	36	U
PCB-1248 (Arochlor 1248)	<	37	U	<	35	U	<	35	U	<	36	U
PCB-1254 (Arochlor 1254)	<	37	U	<	35	U	<	35	U	<	36	U
PCB-1260 (Arochlor 1260)	<	37	U	<	35	U	<	35	U	<	36	U
TOXaphene	<	190	U	<	180	U	<	180	U	<	190	U
METALS (mg/kg)												
Aluminum	19000	21		13200	21		11900	20		5580	21	
Antimony	<	6.2	U	<	6.3	U	<	6	U	<	6.3	U
Arsenic	2.9	2		3.2	1.9		1.9	2	J	1.4	1.9	J
Barium	145	21		267	21		177	20		129	21	
Beryllium	0.8	0.52		0.62	0.52		0.57	0.5		0.25	0.52	J
Cadmium	<	0.52	U	<	0.52	U	<	0.5	U	<	0.52	U
Calcium	71300	5200		116000	5200		108000	5000		193000	5200	
Chromium, Total	15.6	1		15.1	1		13.6	1		16.1	1	
Cobalt	4.1	5.2	J	3.3	5.2	J	3.2	5	J	2.2	5.2	J
Copper	8.7	2.6		5.1	2.6		3.4	2.5		2.3	2.6	J
Iron	11600	10	E	8590	10	E	6910	10	E	3000	10	E
Lead	6.3	0.3		6.3	0.29		4.7	0.3		2	0.29	
Magnesium	3410	520		3360	520		4010	500		8880	520	
Manganese	94.3	1.6	E	113	1.6	E	83.4	1.5	E	30.7	1.6	E
Mercury	0.04	0.19	J	<	0.21	U	0.04	0.16	J	<	0.2	U
Nickel	11.9	4.2		8.1	4.2		6.8	4		4.6	4.2	
Potassium	2930	520		2200	520		2250	500		958	520	
Selenium	<	2.5	U	0.56	2.4	J	<	2.5	U	<	2.4	U
Silver	<	1	U	<	1	U	<	1	U	<	1	U
Sodium	82.7	520	J	209	520	J	282	500	J	206	520	J
Thallium	<	1	U	0.25	0.97	J	<	0.99	U	<	0.95	U
Vanadium	24.8	5.2	E	22.4	5.2	E	16.6	5	E	15.2	5.2	E
Zinc	29.2	2.1		21.7	2.1		18.5	2		8.9	2.1	

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB07-035			CAE-SB07-045			CAE-SB08-005			CAE-SB08-010		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	12	U	<	12	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	12	U	<	12	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	12	U	<	12	U
1,1-Dichloroethane	<	11	U	<	11	U	<	12	U	<	12	U
1,1-Dichloroethene	<	11	U	<	11	U	<	12	U	<	12	U
1,2-Dichloroethane	<	11	U	<	11	U	<	12	U	<	12	U
1,2-Dichloropropane	<	11	U	<	11	U	<	12	U	<	12	U
2-Hexanone	<	18	U	<	18	U	<	20	U	<	20	U
Acetone	<	56	U	<	18	U	<	20	U	<	20	U
Benzene	<	11	U	<	11	U	<	12	U	<	12	U
Bromodichloromethane	<	11	U	<	11	U	<	12	U	<	12	U
Bromoform	<	11	U	<	11	U	<	12	U	<	12	U
Bromomethane	<	11	U	<	11	U	<	12	U	<	12	U
Carbon Disulfide	<	11	U	<	11	U	<	12	U	<	12	U
Carbon Tetrachloride	<	11	U	<	11	U	<	12	U	<	12	U
Chlorobenzene	<	11	U	<	11	U	<	12	U	<	12	U
Chloroethane	<	11	U	<	11	U	<	12	U	<	12	U
Chloroform	<	11	U	<	11	U	<	12	U	<	12	U
Chloromethane	<	11	U	<	11	U	<	12	U	<	12	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	12	U	<	12	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	12	U	<	12	U
Dibromochloromethane	<	11	U	<	11	U	<	12	U	<	12	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	12	U	<	12	U
Ethylbenzene	<	11	U	<	11	U	<	12	U	<	12	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	12	U	<	12	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U	<	20	U	<	20	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	37	18		<	18	U	<	20	U	<	20	U
Methylene Chloride	<	22	U	<	18	U	<	16	U	<	15	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	12	U	<	12	U
Styrene	<	11	U	<	11	U	<	12	U	<	12	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	12	U	<	12	U
Toluene	<	11	U	<	11	U	<	12	U	<	12	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	12	U	<	12	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	12	U	<	12	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	12	U	<	12	U
Trichlorofluoromethane	<	11	U	<	11	U	<	12	U	<	12	U
Vinyl Chloride	<	11	U	<	11	U	<	12	U	<	12	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	350	U	<	350	U	<	360	U	<	360	U
1,2-Dichlorobenzene	<	350	U	<	350	U	<	360	U	<	360	U
1,2-Diphenylhydrazine	<	350	U	<	350	U	<	360	U	<	360	U
1,3-Dichlorobenzene	<	350	U	<	350	U	<	360	U	<	360	U
1,4-Dichlorobenzene	<	350	U	<	350	U	<	360	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	350	U	<	350	U	<	360	U	<	360	U
2,4,5-Trichlorophenol	<	350	U	<	350	U	<	360	U	<	360	U
2,4,6-Trichlorophenol	<	350	U	<	350	U	<	360	U	<	360	U
2,4-Dichlorophenol	<	350	U	<	350	U	<	360	U	<	360	U
2,4-Dimethylphenol	<	350	U	<	350	U	<	360	U	<	360	U
2,4-Dinitrophenol	<	710	U	<	710	U	<	730	U	<	720	U
2,4-Dinitrotoluene	<	350	U	<	350	U	<	360	U	<	360	U
2,6-Dinitrotoluene	<	350	U	<	350	U	<	360	U	<	360	U
2-Chloronaphthalene	<	350	U	<	350	U	<	360	U	<	360	U
2-Chlorophenol	<	350	U	<	350	U	<	360	U	<	360	U
2-Methylnaphthalene	<	350	U	<	350	U	<	360	U	<	360	U
2-Methylphenol (O-Cresol)	<	350	U	<	350	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB07-035			CAE-SB07-045			CAE-SB08-005			CAE-SB08-010		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	350	U	<	350	U	<	360	U	<	360	U
2-Nitrophenol	<	350	U	<	350	U	<	360	U	<	360	U
3,3'-Dichlorobenzidine	<	710	U	<	710	U	<	730	U	<	720	U
3-Nitroaniline	<	350	U	<	350	U	<	360	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	710	U	<	710	U	<	730	U	<	720	U
4-Bromophenyl Phenyl Ether	<	350	U	<	350	U	<	360	U	<	360	U
4-Chloro-3-Methylphenol	<	350	U	<	350	U	<	360	U	<	360	U
4-Chloroaniline	<	350	U	<	350	U	<	360	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	350	U	<	350	U	<	360	U	<	360	U
4-Methylphenol (P-Cresol)	<	350	U	<	350	U	<	360	U	<	360	U
4-Nitroaniline	<	350	U	<	350	U	<	360	U	<	360	U
4-Nitrophenol	<	710	U	<	710	U	<	730	U	<	720	U
Acenaphthene	<	350	U	<	350	U	<	360	U	<	360	U
Acenaphthylene	<	350	U	<	350	U	<	360	U	<	360	U
Aniline (Phenylamine, Aminobenzene)	<	350	U	<	350	U	<	360	U	<	360	U
Anthracene	<	350	U	<	350	U	<	360	U	<	360	U
Benzo(a)anthracene	<	350	U	<	350	U	<	360	U	<	360	U
Benzo(a)pyrene	<	350	U	<	350	U	<	360	U	<	360	U
Benzo(b)fluoranthene	<	350	U	<	350	U	<	360	U	<	360	U
Benzo(g,h,i)perylene	<	350	U	<	350	U	<	360	U	<	360	U
Benzo(k)fluoranthene	<	350	U	<	350	U	<	360	U	<	360	U
Benzoic Acid	<	1800	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	350	U	<	350	U	<	360	U	<	360	U
Benzyl Butyl Phthalate	<	350	U	<	350	U	<	360	U	<	360	U
bis(2-Chloroethoxy) Methane	<	350	U	<	350	U	<	360	U	<	360	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	350	U	<	350	U	<	360	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	350	U	<	350	U	<	360	U	<	360	U
Carbazole	<	350	U	<	350	U	<	360	U	<	360	U
Chrysene	<	350	U	<	350	U	<	360	U	<	360	U
Di-N-Butyl Phthalate	<	350	U	<	350	U	<	360	U	<	360	U
Di-N-Octylphthalate	<	350	U	<	350	U	<	360	U	<	360	U
Dibenz(a,h)anthracene	<	350	U	<	350	U	<	360	U	<	360	U
Dibenzofuran	<	350	U	<	350	U	<	360	U	<	360	U
Diethyl Phthalate	<	350	U	<	350	U	<	360	U	<	360	U
Dimethyl Propanedioic	<	350	U	<	350	U	<	360	U	<	360	U
Fluoranthene	<	350	U	<	350	U	<	360	U	<	360	U
Fluorene	<	350	U	<	350	U	<	360	U	<	360	U
Hexachlorobenzene	<	350	U	<	350	U	<	360	U	<	360	U
Hexachlorobutadiene	<	350	U	<	350	U	<	360	U	<	360	U
Hexachlorocyclopentadiene	<	350	U	<	350	U	<	360	U	<	360	U
Hexachloroethane	<	350	U	<	350	U	<	360	U	<	360	U
Indeno(1,2,3-c,d)pyrene	<	350	U	<	350	U	<	360	U	<	360	U
Isophorone	<	350	U	<	350	U	<	360	U	<	360	U
N-Nitrosodi-N-Propylamine	<	350	U	<	350	U	<	360	U	<	360	U
N-Nitrosodiphenylamine	<	350	U	<	350	U	<	360	U	<	360	U
Naphthalene	<	350	U	<	350	U	<	360	U	<	360	U
Nitrobenzene	<	350	U	<	350	U	<	360	U	<	360	U
Pentachlorophenol	<	710	U	<	710	U	<	730	U	<	720	U
Phenanthrene	<	350	U	<	350	U	<	360	U	<	360	U
Phenol	<	350	U	<	350	U	<	360	U	<	360	U
Pyrene	<	350	U	<	350	U	<	360	U	<	360	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Alpha Endosulfan	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB07-035			CAE-SB07-045			CAE-SB08-005			CAE-SB08-010		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Beta BHC (Beta Hexachlorocyclohexane)	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Beta Endosulfan	<	3.5	U	<	3.5	U	<	3.6	U	<	3.5	U
Chlordane	<	350	U	<	350	U	<	360	U	<	350	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	3.5	U	<	3.5	U	<	3.6	U	<	3.5	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	3.5	U	<	3.5	U	<	3.6	U	<	3.5	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	3.5	U	<	3.5	U	<	3.6	U	<	3.5	U
Delta BHC (Delta Hexachlorocyclohexane)	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Dieldrin	<	3.5	U	<	3.5	U	<	3.6	U	<	3.5	U
Endosulfan Sulfate	<	3.5	U	<	3.5	U	<	3.6	U	<	3.5	U
Endrin	<	3.5	U	<	3.5	U	<	3.6	U	<	3.5	U
Endrin Aldehyde	<	3.5	U	<	3.5	U	<	3.6	U	<	3.5	U
Endrin Ketone	<	3.5	U	<	3.5	U	<	3.6	U	<	3.5	U
Gamma BHC (Lindane)	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Gamma-Chlordane	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Heptachlor	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Heptachlor Epoxide	<	1.8	U	<	1.8	U	<	1.9	U	<	1.8	U
Methoxychlor	<	18	U	<	18	U	<	19	U	<	18	U
PCB-1016 (Arochlor 1016)	<	35	U	<	35	U	<	36	U	<	35	U
PCB-1221 (Arochlor 1221)	<	35	U	<	35	U	<	36	U	<	35	U
PCB-1232 (Arochlor 1232)	<	35	U	<	35	U	<	36	U	<	35	U
PCB-1242 (Arochlor 1242)	<	35	U	<	35	U	<	36	U	<	35	U
PCB-1248 (Arochlor 1248)	<	35	U	<	35	U	<	36	U	<	35	U
PCB-1254 (Arochlor 1254)	<	35	U	<	35	U	<	36	U	<	35	U
PCB-1260 (Arochlor 1260)	<	35	U	<	35	U	<	36	U	<	35	U
TOXaphene	<	180	U	<	180	U	<	190	U	<	180	U
METALS (mg/kg)												
Aluminum	6080	20		4310	20		14600	2.4		9230	2.7	
Antimony	<	5.9	U	<	6	U	<	1.1	U	<	1.2	U
Arsenic	1.3	1.9	J	1.3	1.9	J	2.1	0.22		1.9	0.23	J
Barium	59.1	20		45.7	20		70.4	0.072		1740	0.079	
Beryllium	0.25	0.49	J	0.2	0.5	J	0.71	0.027		0.43	0.03	J
Cadmium	<	0.49	U	<	0.5	U	<	0.13	U	<	0.14	U
Calcium	101000	4900		119000	5000		6140	2.5		217000	28	
Chromium, Total	10.3	0.98		12.7	1		10.3	0.58		19.5	0.63	
Cobalt	1.9	4.9	J	1.8	5	J	4.4	0.26	J	2.6	0.29	J
Copper	1.7	2.4	J	10.5	2.5		6.7	0.19		3.4	0.21	
Iron	3720	9.8	E	3360	10	E	10600	0.48		4850	0.52	
Lead	2.3	0.29		2.3	0.29		6.9	0.18		4	0.19	
Magnesium	3560	490		3870	500		2330	2		3650	2.2	
Manganese	39.7	1.5	E	34.8	1.5	E	152	0.081		72.9	0.089	
Mercury	<	0.19	U	0.04	0.18	J	<	0.037	U	<	0.039	U
Nickel	3.9	3.9		3.1	4	J	9.8	0.33		5.7	0.35	
Potassium	1220	490		823	500		2420	9.9		1440	11	
Selenium	<	2.4	U	<	2.4	U	<	0.89	U	<	0.93	U
Silver	<	0.98	U	<	1	U	<	0.27	U	<	0.3	U
Sodium	134	490	J	93.1	500	J	35.7	2.4	J	183	2.6	J
Thallium	<	0.97	U	<	0.96	U	0.24	0.2	J	<	0.21	U
Vanadium	8.5	4.9	E	8.3	5	E	20	0.18		14.3	0.2	
Zinc	8.5	2		8	2		25.4	0.39	E	12.7	0.42	E

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB08-015			CAE-SB08-025			CAE-SB08-035			CAE-SB08-045		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	12	U	<	12	U	<	12	U	<	12	U
1,1,2,2-Tetrachloroethane	<	12	U	<	12	U	<	12	U	<	12	U
1,1,2-Trichloroethane	<	12	U	<	12	U	<	12	U	<	12	U
1,1-Dichloroethane	<	12	U	<	12	U	<	12	U	<	12	U
1,1-Dichloroethene	<	12	U	<	12	U	<	12	U	<	12	U
1,2-Dichloroethane	<	12	U	<	12	U	<	12	U	<	12	U
1,2-Dichloropropane	<	12	U	<	12	U	<	12	U	<	12	U
2-Hexanone	<	20	U	<	20	U	<	20	U	<	20	U
Acetone	<	20	U	<	20	U	<	20	U	<	20	U
Benzene	<	12	U	<	12	U	<	12	U	<	12	U
Bromodichloromethane	<	12	U	<	12	U	<	12	U	<	12	U
Bromoform	<	12	U	<	12	U	<	12	U	<	12	U
Bromomethane	<	12	U	<	12	U	<	12	U	<	12	U
Carbon Disulfide	<	12	U	<	12	U	<	12	U	<	12	U
Carbon Tetrachloride	<	12	U	<	12	U	<	12	U	<	12	U
Chlorobenzene	<	12	U	<	12	U	<	12	U	<	12	U
Chloroethane	<	12	U	<	12	U	<	12	U	<	12	U
Chloroform	<	12	U	<	12	U	<	12	U	<	12	U
Chloromethane	<	12	U	<	12	U	<	12	U	<	12	U
cis-1,2-Dichloroethylene	<	12	U	<	12	U	<	12	U	<	12	U
cis-1,3-Dichloropropene	<	12	U	<	12	U	<	12	U	<	12	U
Dibromochloromethane	<	12	U	<	12	U	<	12	U	<	12	U
Dichlorodifluoromethane	<	12	U	<	12	U	<	12	U	<	12	U
Ethylbenzene	<	12	U	<	12	U	<	12	U	<	12	U
M,P-Xylene (Sum of Isomers)	<	12	U	<	12	U	<	12	U	<	12	U
Methyl Ethyl Ketone (2-Butanone)	<	20	U	<	20	U	<	20	U	<	20	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	20	U	<	20	U	<	20	U	<	20	U
Methylene Chloride	<	14	U	<	15	U	<	16	U	<	16	U
O-Xylene (1,2-Dimethylbenzene)	<	12	U	<	12	U	<	12	U	<	12	U
Styrene	<	12	U	<	12	U	<	12	U	<	12	U
Tetrachloroethylene(PCE)	<	12	U	<	12	U	<	12	U	<	12	U
Toluene	<	12	U	<	12	U	<	12	U	<	12	U
trans-1,2-Dichloroethene	<	12	U	<	12	U	<	12	U	<	12	U
trans-1,3-Dichloropropene	<	12	U	<	12	U	<	12	U	<	12	U
Trichloroethylene (TCE)	<	12	U	<	12	U	<	12	U	<	12	U
Trichlorofluoromethane	<	12	U	<	12	U	<	12	U	<	12	U
Vinyl Chloride	<	12	U	<	12	U	<	12	U	<	12	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
1,2-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
1,2-Diphenylhydrazine	<	360	U	<	360	U	<	360	U	<	360	U
1,3-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
1,4-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	360	U	<	360	U	<	360	U
2,4,5-Trichlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4,6-Trichlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4-Dichlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4-Dimethylphenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4-Dinitrophenol	<	720	U	<	730	U	<	730	U	<	720	U
2,4-Dinitrotoluene	<	360	U	<	360	U	<	360	U	<	360	U
2,6-Dinitrotoluene	<	360	U	<	360	U	<	360	U	<	360	U
2-Chloronaphthalene	<	360	U	<	360	U	<	360	U	<	360	U
2-Chlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2-Methylnaphthalene	<	360	U	<	360	U	<	360	U	<	360	U
2-Methylphenol (O-Cresol)	<	360	U	<	360	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB08-015			CAE-SB08-025			CAE-SB08-035			CAE-SB08-045		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	360	U	<	360	U	<	360	U	<	360	U
2-Nitrophenol	<	360	U	<	360	U	<	360	U	<	360	U
3,3'-Dichlorobenzidine	<	720	U	<	730	U	<	730	U	<	720	U
3-Nitroaniline	<	360	U	<	360	U	<	360	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	720	U	<	730	U	<	730	U	<	720	U
4-Bromophenyl Phenyl Ether	<	360	U	<	360	U	<	360	U	<	360	U
4-Chloro-3-Methylphenol	<	360	U	<	360	U	<	360	U	<	360	U
4-Chloroaniline	<	360	U	<	360	U	<	360	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	360	U	<	360	U	<	360	U
4-Methylphenol (P-Cresol)	<	360	U	<	360	U	<	360	U	<	360	U
4-Nitroaniline	<	360	U	<	360	U	<	360	U	<	360	U
4-Nitrophenol	<	720	U	<	730	U	<	730	U	<	720	U
Acenaphthene	<	360	U	<	360	U	<	360	U	<	360	U
Acenaphthylene	<	360	U	<	360	U	<	360	U	<	360	U
Aniline (Phenylamine, Aminobenzene)	<	360	U	<	360	U	<	360	U	<	360	U
Anthracene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(a)anthracene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(a)pyrene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(b)fluoranthene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(g,h,i)perylene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(k)fluoranthene	<	360	U	<	360	U	<	360	U	<	360	U
Benzoic Acid	<	1800	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	360	U	<	360	U	<	360	U	<	360	U
Benzyl Butyl Phthalate	<	360	U	<	360	U	<	360	U	<	360	U
bis(2-Chloroethoxy) Methane	<	360	U	<	360	U	<	360	U	<	360	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	360	U	<	360	U	<	360	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	360	U	<	360	U	<	360	U	<	360	U
Carbazole	<	360	U	<	360	U	<	360	U	<	360	U
Chrysene	<	360	U	<	360	U	<	360	U	<	360	U
Di-N-Butyl Phthalate	<	360	U	<	360	U	<	360	U	<	360	U
Di-N-Octylphthalate	<	360	U	<	360	U	<	360	U	170	360	
Dibenz(a,h)anthracene	<	360	U	<	360	U	<	360	U	<	360	U
Dibenzofuran	<	360	U	<	360	U	<	360	U	<	360	U
Diethyl Phthalate	<	360	U	<	360	U	<	360	U	<	360	U
Dimethyl Propanedioic	<	360	U	<	360	U	<	360	U	<	360	U
Fluoranthene	<	360	U	<	360	U	<	360	U	<	360	U
Fluorene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachlorobutadiene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachlorocyclopentadiene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachloroethane	<	360	U	<	360	U	<	360	U	<	360	U
Indeno(1,2,3-c,d)pyrene	<	360	U	<	360	U	<	360	U	<	360	U
Isophorone	<	360	U	<	360	U	<	360	U	<	360	U
N-Nitrosodi-N-Propylamine	<	360	U	<	360	U	<	360	U	<	360	U
N-Nitrosodiphenylamine	<	360	U	<	360	U	<	360	U	<	360	U
Naphthalene	<	360	U	<	360	U	<	360	U	<	360	U
Nitrobenzene	<	360	U	<	360	U	<	360	U	<	360	U
Pentachlorophenol	<	720	U	<	730	U	<	730	U	<	720	U
Phenanthrene	<	360	U	<	360	U	<	360	U	<	360	U
Phenol	<	360	U	<	360	U	<	360	U	<	360	U
Pyrene	<	360	U	<	360	U	<	360	U	<	360	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	1.8	U	<	1.9	U	<	1.9	U	<	1.8	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	1.8	U	<	1.9	U	<	1.9	U	<	1.8	U
Alpha Endosulfan	<	1.8	U	<	1.9	U	<	1.9	U	<	1.8	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-E
CANNON AFB, NEW MEXICO

FIELD ID	CAE-SB08-015			CAE-SB08-025			CAE-SB08-035			CAE-SB08-045		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	1.8	U	<	1.9	U	<	1.9	U	<	1.8	U
Beta BHC (Beta Hexachlorocyclohexane)	<	1.8	U	<	1.9	U	<	1.9	U	<	1.8	U
Beta Endosulfan	<	3.5	U	<	3.6	U	<	3.6	U	<	3.5	U
Chlordane	<	350	U	<	360	U	<	360	U	<	350	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	3.5	U	<	3.6	U	<	3.6	U	<	3.5	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	3.5	U	<	3.6	U	<	3.6	U	<	3.5	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	3.5	U	<	3.6	U	<	3.6	U	<	3.5	U
Delta BHC (Delta Hexachlorocyclohexane)	<	1.8	U	<	1.9	U	<	1.9	U	<	1.8	U
Dieldrin	<	3.5	U	<	3.6	U	<	3.6	U	<	3.5	U
Endosulfan Sulfate	<	3.5	U	<	3.6	U	<	3.6	U	<	3.5	U
Endrin	<	3.5	U	<	3.6	U	<	3.6	U	<	3.5	U
Endrin Aldehyde	<	3.5	U	<	3.6	U	<	3.6	U	<	3.5	U
Endrin Ketone	<	3.5	U	<	3.6	U	<	3.6	U	<	3.5	U
Gamma BHC (Lindane)	<	1.8	U	<	1.9	U	<	1.9	U	<	1.8	U
Gamma-Chlordane	<	1.8	U	<	1.9	U	<	1.9	U	<	1.8	U
Heptachlor	<	1.8	U	<	1.9	U	<	1.9	U	<	1.8	U
Heptachlor Epoxide	<	1.8	U	<	1.9	U	<	1.9	U	<	1.8	U
Methoxychlor	<	18	U	<	19	U	<	19	U	<	18	U
PCB-1016 (Arochlor 1016)	<	35	U	<	36	U	<	36	U	<	35	U
PCB-1221 (Arochlor 1221)	<	35	U	<	36	U	<	36	U	<	35	U
PCB-1232 (Arochlor 1232)	<	35	U	<	36	U	<	36	U	<	35	U
PCB-1242 (Arochlor 1242)	<	35	U	<	36	U	<	36	U	<	35	U
PCB-1248 (Arochlor 1248)	<	35	U	<	36	U	<	36	U	<	35	U
PCB-1254 (Arochlor 1254)	<	35	U	<	36	U	<	36	U	<	35	U
PCB-1260 (Arochlor 1260)	<	35	U	<	36	U	<	36	U	<	35	U
TOXaphene	<	180	U	<	190	U	<	190	U	<	180	U
METALS (mg/kg)												
Aluminum	11500	2.6		4820	2.8		4860	2.8		4410	2.7	
Antimony	<	1.2	U	<	1.2	U	<	1.3	U	<	1.2	U
Arsenic	1.6	0.22	J	1.6	0.22	J	1.4	0.24	J	0.77	0.22	J
Barium	286	0.078		194	0.082		139	0.084		43.9	0.081	
Beryllium	0.49	0.029		0.18	0.031	J	0.17	0.032	J	0.18	0.03	J
Cadmium	0.19	0.14	J	<	0.14	U	0.2	0.15	J	<	0.14	U
Calcium	91000	27		240000	29		168000	29		72500	28	
Chromium, Total	13.4	0.62		19.9	0.66		15.3	0.67		8.9	0.65	
Cobalt	3.4	0.28	J	1.7	0.3	J	1.2	0.3	J	1.5	0.29	J
Copper	3.2	0.2		2.6	0.22		3.7	0.22		1.8	0.21	J
Iron	7100	0.52		2360	0.55		2840	0.56		3290	0.54	
Lead	4.4	0.18		1.5	0.18		1.7	0.2		1.9	0.18	
Magnesium	4320	2.1		17600	2.3		12600	2.3		5000	2.2	
Manganese	87.2	0.087		22.1	0.093		27.5	0.095		33.8	0.091	
Mercury	<	0.037	U	<	0.039	U	0.04	0.039	J	<	0.041	U
Nickel	7.6	0.35		4.8	0.37		4.2	0.38		2.8	0.37	J
Potassium	2280	11		748	11		902	11		854	11	
Selenium	<	0.88	U	<	0.89	U	<	0.99	U	<	0.88	U
Silver	<	0.29	U	<	0.31	U	<	0.32	U	<	0.3	U
Sodium	276	2.5	J	269	2.7	J	228	2.7	J	119	2.6	J
Thallium	<	0.2	U	<	0.2	U	<	0.22	U	<	0.2	U
Vanadium	20	0.19		17.3	0.21		12.9	0.21		11.4	0.2	
Zinc	18	0.42	E	5.4	0.44	E	8.6	0.45	E	7.3	0.44	E

J - Estimated value RL - Reporting Limit
Qual - Qualifier U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-F
CANNON AFB, NEW MEXICO

FIELD ID	CAF-HA01-001			CAF-HA01-201			CAF-HA01-002			CAF-HA01-004			CAF-HA02-001		
COLLECT DATE	4/29/98			4/29/98			4/29/98			4/29/98			4/29/98		
	Result	RL	Qual	Result	RL	Qual	Resul	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)															
Antimony	<	0.16	UJ	<	0.15	U	<	0.16	U	0.14	0.16	J	<	0.16	U
Arsenic	2.2	0.1		1.7	0.1		2.1	0.16		2.4	0.11		2.4	0.11	
Lead	7.8	2.2		8	2.1		2.3	2.1		7.8	1.9		10	2.1	

J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-F
CANNON AFB, NEW MEXICO

FIELD ID	CAF-HA02-002			CAF-HA02-004			CAF-HA03-001			CAF-HA03-002			CAF-HA03-004		
COLLECT DATE	4/29/98			4/29/98			4/29/98			4/29/98			4/29/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)															
Antimony	<	0.14	U	<	0.14	U	0.19	0.16		<	0.2	U	<	0.15	U
Arsenic	1.9	0.1		2	0.09		2.4	0.11		2.2	0.1		3.1	0.1	
Lead	8	1.9		4.9	1.9		16.4	2.2		6.6	2		15.1	2	

J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-F
CANNON AFB, NEW MEXICO

FIELD ID	CAF-HA04-001			CAF-HA04-002			CAF-HA04-004			CAF-HA05-001			CAF-HA05-201		
COLLECT DATE	4/29/98			4/29/98			4/29/98			4/29/98			4/29/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)															
Antimony	0.16	0.15		<	0.15	U	0.15	0.15		<	0.15	U	0.13	0.15	
Arsenic	5	0.1		2.6	0.1		2.6	0.1		2.7	0.1		3.8	0.1	
Lead	11.9	2		12.7	1.9		10.8	2		10.6	2		12	1.7	

J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-F
CANNON AFB, NEW MEXICO

FIELD ID	CAF-HA05-002			CAF-HA05-004			CAF-HA06-001			CAF-HA06-002			CAF-HA06-004		
COLLECT DATE	4/29/98			4/29/98			4/29/98			4/29/98			4/29/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)															
Antimony	<	0.15	U	0.27	0.15		<	0.15	U	0.16	0.15		<	0.15	U
Arsenic	2.9	0.1		2.8	0.1		2.6	0.1		3.5	0.1		2.4	0.1	
Lead	151	1.8		38.9	2.1		7.8	1.9		5.3	1.7		4.5	2.1	

J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-F
CANNON AFB, NEW MEXICO

FIELD ID	CAF-HA07-001			CAF-HA07-002			CAF-HA07-004			CAF-HA08-001			CAF-HA08-002		
COLLECT DATE	4/29/98			4/29/98			4/29/98			4/29/98			4/29/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)															
Antimony	<	0.15	U	0.17	0.2		<	0.15	U	<	0.15	U	<	0.15	U
Arsenic	2.6	0.1		2.6	0.1		2.4	0.1		2.6	0.1		2.5	0.1	
Lead	6.6	2.2		6.4	2		5.6	2		5.9	2.1		4.2	2.1	

J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-F
CANNON AFB, NEW MEXICO

FIELD ID	CAF-HA08-004			CAF-HA09-001			CAF-HA09-002			CAF-HA09-004			CAF-SS01-002		
COLLECT DATE	4/29/98			4/29/98			4/29/98			4/29/98			4/28/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)															
Antimony	<	0.15	U	<	0.15	U	<	0.15	U	<	0.15	U	<	0.16	UJ
Arsenic	2.4	0.1		2.4	0.1		2.6	0.1		2.5	0.1		2.9	0.11	
Lead	2.2	1.7		4.4	2		4.5	1.9		4.4	1.9		23.4	2.2	

J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-F
CANNON AFB, NEW MEXICO

FIELD ID	CAF-SS01-202			CAF-SS02-002			CAF-SS03-002			CAF-SS04-002			CAF-SS05-002		
COLLECT DATE	4/28/98			4/28/98			4/28/98			4/28/98			4/28/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)															
Antimony	<	0.15	U												
Arsenic	2.4	0.1		0.18	0.16		<	0.16	U	<	0.15	U	<	0.15	U
Lead	31.7	2.2		2.7	0.11		2.6	0.11		2.4	0.1		2.2	0.1	
				4.4	2.1		5.4	2.2		8.9	2		7	2	

J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-F
CANNON AFB, NEW MEXICO

FIELD ID	CAF-SS06-002			CAF-SS07-002			CAF-SS08-002			CAF-SS09-002		
COLLECT DATE	4/28/98			4/28/98			4/28/98			4/28/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)												
Antimony	<	0.14	U	0.18	0.15		0.17	0.16		0.17	0.16	
Arsenic	2.2	0.1		2.8	0.1		2.8	0.11		2.5	0.11	
Lead	8.8	1.9		17.1	2		15.4	2.2		6	2.1	

J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB01-002			CAG-SB01-202			CAG-SB01-005			CAG-SB01-010		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	12	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	12	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	12	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	12	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	12	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	12	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	12	U	<	11	U	<	11	U
2-Hexanone	<	19	U	<	19	U	<	18	U	<	18	U
Acetone	<	110	U	<	43	U	<	67	U	<	210	U
Benzene	<	11	U	<	12	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	12	U	<	11	U	<	11	U
Bromoform	<	11	U	<	12	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	12	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	12	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	12	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	12	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	12	U	<	11	U	<	11	U
Chloroform	<	11	U	<	12	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	12	U	<	11	U	10	11	J
cis-1,2-Dichloroethylene	<	11	U	<	12	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	12	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	12	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	12	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	12	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	12	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	38	19		<	19	U	15	18	J	36	18	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	74	19		22	19		36	18		49	18	
Methylene Chloride	<	11	U	<	22	U	<	21	U	<	18	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	12	U	<	11	U	<	11	U
Styrene	<	11	U	<	12	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	12	U	<	11	U	<	11	U
Toluene	6	11	J	5	12		4	11	J	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	12	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	12	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	12	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	12	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	12	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	370	U	<	390	U	<	360	U	<	360	U
1,2-Dichlorobenzene	<	370	U	<	390	U	<	360	U	<	360	U
1,2-Diphenylhydrazine	<	370	U	<	390	U	<	360	U	<	360	U
1,3-Dichlorobenzene	<	370	U	<	390	U	<	360	U	<	360	U
1,4-Dichlorobenzene	<	370	U	<	390	U	<	360	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	370	U	<	390	U	<	360	U	<	360	U
2,4,5-Trichlorophenol	<	370	U	<	390	U	<	360	U	<	360	U
2,4,6-Trichlorophenol	<	370	U	<	390	U	<	360	U	<	360	U
2,4-Dichlorophenol	<	370	U	<	390	U	<	360	U	<	360	U
2,4-Dimethylphenol	<	370	U	<	390	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB01-002			CAG-SB01-202			CAG-SB01-005			CAG-SB01-010		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	750	U	<	770	U	<	730	U	<	730	U
2,4-Dinitrotoluene	<	370	U	<	390	U	<	360	U	<	360	U
2,6-Dinitrotoluene	<	370	U	<	390	U	<	360	U	<	360	U
2-Chloronaphthalene	<	370	U	<	390	U	<	360	U	<	360	U
2-Chlorophenol	<	370	U	<	390	U	<	360	U	<	360	U
2-Methylnaphthalene	<	370	U	<	390	U	<	360	U	<	360	U
2-Methylphenol (O-Cresol)	<	370	U	<	390	U	<	360	U	<	360	U
2-Nitroaniline	<	370	U	<	390	U	<	360	U	<	360	U
2-Nitrophenol	<	370	U	<	390	U	<	360	U	<	360	U
3,3'-Dichlorobenzidine	<	750	U	<	770	U	<	730	U	<	730	U
3-Nitroaniline	<	370	U	<	390	U	<	360	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	750	U	<	770	U	<	730	U	<	730	U
4-Bromophenyl Phenyl Ether	<	370	U	<	390	U	<	360	U	<	360	U
4-Chloro-3-Methylphenol	<	370	U	<	390	U	<	360	U	<	360	U
4-Chloroaniline	<	370	U	<	390	U	<	360	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	370	U	<	390	U	<	360	U	<	360	U
4-Methylphenol (P-Cresol)	<	370	U	<	390	U	<	360	U	<	360	U
4-Nitroaniline	<	370	U	<	390	U	<	360	U	<	360	U
4-Nitrophenol	<	750	U	<	770	U	<	730	U	<	730	U
Acenaphthene	<	370	U	<	390	U	<	360	U	<	360	U
Acenaphthylene	<	370	U	<	390	U	<	360	U	<	360	U
Aniline (Phenylamine, Aminobenzene)	<	370	U	<	390	U	<	360	U	<	360	U
Anthracene	<	370	U	<	390	U	<	360	U	<	360	U
Benzo(a)anthracene	<	370	U	<	390	U	<	360	U	<	360	U
Benzo(a)pyrene	<	370	U	<	390	U	<	360	U	<	360	U
Benzo(b)fluoranthene	<	370	U	<	390	U	<	360	U	<	360	U
Benzo(g,h,i)perylene	<	370	U	<	390	U	<	360	U	<	360	U
Benzo(k)fluoranthene	<	370	U	<	390	U	<	360	U	<	360	U
Benzoic Acid	<	1900	U	<	1900	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	370	U	<	390	U	<	360	U	<	360	U
Benzyl Butyl Phthalate	<	370	U	<	390	U	<	360	U	<	360	U
bis(2-Chloroethoxy) Methane	<	370	U	<	390	U	<	360	U	<	360	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	370	U	<	390	U	<	360	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	370	U	<	390	U	<	360	U	<	410	U
Carbazole	<	370	U	<	390	U	<	360	U	<	360	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)				<	390	U						
Chrysene	<	370	U	<	390	U	<	360	U	<	360	U
Di-N-Butyl Phthalate	<	370	U	<	390	U	<	360	U	<	360	U
Di-N-Octylphthalate	<	370	U	<	390	U	<	360	U	<	360	U
Dibenz(a,h)anthracene	<	370	U	<	390	U	<	360	U	<	360	U
Dibenzofuran	<	370	U	<	390	U	<	360	U	<	360	U
Diethyl Phthalate	<	370	U	<	390	U	<	360	U	<	360	U
Dimethyl Propanedioic	<	370	U	<	390	U	<	360	U	<	360	U
Fluoranthene	<	370	U	<	390	U	<	360	U	<	360	U
Fluorene	<	370	U	<	390	U	<	360	U	<	360	U
Hexachlorobenzene	<	370	U	<	390	U	<	360	U	<	360	U
Hexachlorobutadiene	<	370	U	<	390	U	<	360	U	<	360	U
Hexachlorocyclopentadiene	<	370	U	<	390	U	<	360	U	<	360	U
Hexachloroethane	<	370	U	<	390	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB01-002			CAG-SB01-202			CAG-SB01-005			CAG-SB01-010		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	370	U	<	390	U	<	360	U	<	360	U
Isophorone	<	370	U	<	390	U	<	360	U	<	360	U
N-Nitrosodi-N-Propylamine	<	370	U	<	390	U	<	360	U	<	360	U
N-Nitrosodiphenylamine	<	370	U	<	390	U	<	360	U	<	360	U
Naphthalene	<	370	U	<	390	U	<	360	U	<	360	U
Nitrobenzene	<	370	U	<	770	U	<	360	U	<	360	U
Pentachlorophenol	<	750	U	<	390	U	<	730	U	<	730	U
Phenanthrene	<	370	U	<	390	U	<	360	U	<	360	U
Phenol	<	370	U	<	390	U	<	360	U	<	360	U
Pyrene	<	370	U				<	360	U	<	360	U
PESTICIDES/PCB (µg/kg)				<	2	U						
Aldrin	<	1.9	U	<	2	U	<	1.9	U	<	1.8	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	1.9	U	<	2	U	<	1.9	U	<	1.8	U
Alpha Endosulfan	<	1.9	U	<	2	U	<	1.9	U	<	1.8	U
Alpha-Chlordane	<	1.9	U	<	2	U	<	1.9	U	<	1.8	U
Beta BHC (Beta Hexachlorocyclohexane)	<	1.9	U	<	3.8	U	<	1.9	U	<	1.8	U
Beta Endosulfan	<	3.7	U	<	380	U	<	3.6	U	<	3.6	U
Chlordane	<	370	U	<	3.8	U	<	360	U	<	360	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	3.7	U	<	3.8	U	<	3.6	U	<	3.6	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	3.7	U	<	3.8	U	<	3.6	U	<	3.6	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	3.7	U	<	2	U	<	3.6	U	<	3.6	U
Delta BHC (Delta Hexachlorocyclohexane)	<	1.9	U	<	3.8	U	<	1.9	U	<	1.8	U
Dieldrin	<	3.7	U	<	3.8	U	<	3.6	U	<	3.6	U
Endosulfan Sulfate	<	3.7	U	<	3.8	U	<	3.6	U	<	3.6	U
Endrin	<	3.7	U	<	3.8	U	<	3.6	U	<	3.6	U
Endrin Aldehyde	<	3.7	U	<	3.8	U	<	3.6	U	<	3.6	U
Endrin Ketone	<	3.7	U	<	2	U	<	3.6	U	<	3.6	U
Gamma BHC (Lindane)	<	1.9	U	<	2	U	<	1.9	U	<	1.8	U
Gamma-Chlordane	<	1.9	U	<	2	U	<	1.9	U	<	1.8	U
Heptachlor	<	1.9	U	<	2	U	<	1.9	U	<	1.8	U
Heptachlor Epoxide	<	1.9	U	<	20	U	<	1.9	U	<	1.8	U
Methoxychlor	<	19	U	<	38	U	<	19	U	<	18	U
PESTICIDES/PCB (µg/kg)				<	38	U						
PCB-1016 (Arochlor 1016)	<	37	U	<	38	U	<	36	U	<	36	U
PCB-1221 (Arochlor 1221)	<	37	U	<	38	U	<	36	U	<	36	U
PCB-1232 (Arochlor 1232)	<	37	U	<	38	U	<	36	U	<	36	U
PCB-1242 (Arochlor 1242)	<	37	U	<	38	U	<	36	U	<	36	U
PCB-1248 (Arochlor 1248)	<	37	U	<	38	U	<	36	U	<	36	U
PCB-1254 (Arochlor 1254)	<	37	U	<	200	U	<	36	U	<	36	U
PCB-1260 (Arochlor 1260)	<	37	U				<	36	U	<	36	U
TOXaphene	<	190	U	<	1.7	U	<	190	U	<	180	U
HERBICIDES (µg/kg)				<	1.5	U						
2,4 Db	<	1.7	U	<	1.7	U	<	1.6	U	<	1.6	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	1.5	U	<	3.1	U	<	1.4	U	<	1.4	U
2,4-D (Dichlorophenoxyacetic Acid)	<	1.7	U	<	3.1	U	<	1.6	U	<	1.6	U
Dalapon	<	3	U	<	1.7	U	<	2.9	U	<	2.9	U
Dicamba	<	3	U	<	390	U	<	2.9	U	<	2.9	U
Dichloroprop	<	1.7	U	<	770	U	<	1.6	U	<	1.6	U
Dinoseb	<	3	U	<	1.5	U	<	2.9	U	<	2.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB01-002			CAG-SB01-202			CAG-SB01-005			CAG-SB01-010		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	370	U				<	360	U	<	360	U
Mcpp	<	750	U	<	5.8	U	<	730	U	<	730	U
Silvex (2,4,5-Tp)	<	1.5	U	<	29	U	<	1.4	U	<	1.4	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	<	5.6	U	11700	20		<	5.4	U	<	5.4	U
Phc As Diesel Fuel	<	28	U	<	6	U	<	27		<	27	
METALS (mg/kg)				2.5	2.1							
Aluminum	11900	21		67.8	20		10400	18		9710	21	
Antimony	<	6.4	U	0.54	0.5		<	5.4	U	<	6.3	U
Arsenic	2.4	2		<	0.5	U	2.1	1.9		1.7	1.9	J
Barium	69	21		2690	500		64	18		106	21	
Beryllium	0.56	0.53		9.3	0.99		0.52	0.45		0.41	0.53	J
Cadmium	<	0.53	U	3.2	5		<	0.45	U	<	0.53	U
Calcium	2360	530		5.8	2.5		3150	450		120000	5300	
Chromium, Total	8.9	1.1		8830	9.9	E	8.8	0.89		13.1	1.1	
Cobalt	3.2	5.3	J	7.7	0.31		3.2	4.5	J	3	5.3	J
Copper	5.6	2.7		1500	500		5.8	2.2		2.5	2.6	J
Iron	8640	11	E	142	1.5	E	8170	8.9	E	6080	11	E
Lead	6.4	0.29		<	0.21	U	5.9	0.29		4.2	0.29	
Magnesium	1490	530		7.3	4		1430	450		3270	530	
Manganese	135	1.6	E	1990	500		142	1.3	E	73.8	1.6	E
Mercury	<	0.19	U	<	2.6	U	0.04	0.18	J	<	0.21	U
Nickel	7	4.3		<	0.99	U	7.1	3.6		6.8	4.2	
Potassium	1970	530		44	500		1770	450		2100	530	
Selenium	<	2.5	U	<	1	U	<	2.4	U	<	2.4	U
Silver	<	1.1	U	18.7	5	E	<	0.89	U	<	1.1	U
Sodium	43.4	530	J	24.5	2		37.3	450	J	178	530	J
Thallium	<	0.98	U				<	0.96	U	<	0.96	U
Vanadium	19	5.3	E				17.4	4.5	E	16.1	5.3	E
Zinc	22.6	2.1					20.7	1.8		16	2.1	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB01-020			CAG-SB01-030			CAG-SB01-040			CAG-SB02-002		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	12	U	<	12	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	12	U	<	12	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	12	U	<	12	U	<	11	U
1,1-Dichloroethane	<	11	U	<	12	U	<	12	U	<	11	U
1,1-Dichloroethene	<	11	U	<	12	U	<	12	U	<	11	U
1,2-Dichloroethane	<	11	U	<	12	U	<	12	U	<	11	U
1,2-Dichloropropane	<	11	U	<	12	U	<	12	U	<	11	U
2-Hexanone	<	19	U	<	19	U	<	19	U	<	18	U
Acetone	<	360	U	<	86	U	<	81	U	<	45	U
Benzene	<	11	U	<	12	U	<	12	U	<	11	U
Bromodichloromethane	<	11	U	<	12	U	<	12	U	<	11	U
Bromoform	<	11	U	<	12	U	<	12	U	<	11	U
Bromomethane	<	11	U	<	12	U	<	12	U	<	11	U
Carbon Disulfide	<	11	U	<	12	U	<	12	U	<	11	U
Carbon Tetrachloride	<	11	U	<	12	U	<	12	U	<	11	U
Chlorobenzene	<	11	U	<	12	U	<	12	U	<	11	U
Chloroethane	<	11	U	<	12	U	<	12	U	<	11	U
Chloroform	<	11	U	<	12	U	<	12	U	<	11	U
Chloromethane	<	11	U	<	12	U	<	12	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	12	U	<	12	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	12	U	<	12	U	<	11	U
Dibromochloromethane	<	11	U	<	12	U	<	12	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	12	U	<	12	U	<	11	U
Ethylbenzene	<	11	U	<	12	U	<	12	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	12	U	<	12	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	19	U	<	19	U	<	19	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	48	19		45	19		52	19		<	18	U
Methylene Chloride	<	23	U	<	23	U	<	23	U	<	11	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	12	U	<	12	U	<	11	U
Styrene	<	11	U	<	12	U	<	12	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	12	U	<	12	U	<	11	U
Toluene	<	11	U	<	12	U	<	12	U	4	11	J
trans-1,2-Dichloroethene	<	11	U	<	12	U	<	12	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	12	U	<	12	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	12	U	<	12	U	<	11	U
Trichlorofluoromethane	<	11	U	<	12	U	<	12	U	<	11	U
Vinyl Chloride	<	11	U	<	12	U	<	12	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	380	U	<	390	U	<	390	U	<	370	U
1,2-Dichlorobenzene	<	380	U	<	390	U	<	390	U	<	370	U
1,2-Diphenylhydrazine	<	380	U	<	390	U	<	390	U	<	370	U
1,3-Dichlorobenzene	<	380	U	<	390	U	<	390	U	<	370	U
1,4-Dichlorobenzene	<	380	U	<	390	U	<	390	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	380	U	<	390	U	<	390	U	<	370	U
2,4,5-Trichlorophenol	<	380	U	<	390	U	<	390	U	<	370	U
2,4,6-Trichlorophenol	<	380	U	<	390	U	<	390	U	<	370	U
2,4-Dichlorophenol	<	380	U	<	390	U	<	390	U	<	370	U
2,4-Dimethylphenol	<	380	U	<	390	U	<	390	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB01-020			CAG-SB01-030			CAG-SB01-040			CAG-SB02-002		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	760	U	<	780	U	<	780	U	<	730	U
2,4-Dinitrotoluene	<	380	U	<	390	U	<	390	U	<	370	U
2,6-Dinitrotoluene	<	380	U	<	390	U	<	390	U	<	370	U
2-Chloronaphthalene	<	380	U	<	390	U	<	390	U	<	370	U
2-Chlorophenol	<	380	U	<	390	U	<	390	U	<	370	U
2-Methylnaphthalene	<	380	U	<	390	U	<	390	U	<	370	U
2-Methylphenol (O-Cresol)	<	380	U	<	390	U	<	390	U	<	370	U
2-Nitroaniline	<	380	U	<	390	U	<	390	U	<	370	U
2-Nitrophenol	<	380	U	<	390	U	<	390	U	<	370	U
3,3'-Dichlorobenzidine	<	760	U	<	780	U	<	780	U	<	730	U
3-Nitroaniline	<	380	U	<	390	U	<	390	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	760	U	<	780	U	<	780	U	<	730	U
4-Bromophenyl Phenyl Ether	<	380	U	<	390	U	<	390	U	<	370	U
4-Chloro-3-Methylphenol	<	380	U	<	390	U	<	390	U	<	370	U
4-Chloroaniline	<	380	U	<	390	U	<	390	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	380	U	<	390	U	<	390	U	<	370	U
4-Methylphenol (P-Cresol)	<	380	U	<	390	U	<	390	U	<	370	U
4-Nitroaniline	<	380	U	<	390	U	<	390	U	<	370	U
4-Nitrophenol	<	760	U	<	780	U	<	780	U	<	730	U
Acenaphthene	<	380	U	<	390	U	<	390	U	<	370	U
Acenaphthylene	<	380	U	<	390	U	<	390	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	380	U	<	390	U	<	390	U	<	370	U
Anthracene	<	380	U	<	390	U	<	390	U	<	370	U
Benzo(a)anthracene	<	380	U	<	390	U	<	390	U	<	370	U
Benzo(a)pyrene	<	380	U	<	390	U	<	390	U	<	370	U
Benzo(b)fluoranthene	<	380	U	<	390	U	<	390	U	<	370	U
Benzo(g,h,i)perylene	<	380	U	<	390	U	<	390	U	<	370	U
Benzo(k)fluoranthene	<	380	U	<	390	U	<	390	U	<	370	U
Benzoic Acid	<	1900	U	<	1900	U	<	1900	U	<	1800	U
Benzyl Alcohol	<	380	U	<	390	U	<	390	U	<	370	U
Benzyl Butyl Phthalate	<	380	U	<	390	U	<	390	U	<	370	U
bis(2-Chloroethoxy) Methane	<	380	U	<	390	U	<	390	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	380	U	<	390	U	<	390	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	380	U	<	390	U	<	390	U	<	370	U
Carbazole	<	380	U	<	390	U	<	390	U	<	370	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
Chrysene	<	380	U	<	390	U	<	390	U	<	370	U
Di-N-Butyl Phthalate	<	380	U	560	390		<	390	U	<	370	U
Di-N-Octylphthalate	<	380	U	<	390	U	<	390	U	<	370	U
Dibenz(a,h)anthracene	<	380	U	<	390	U	<	390	U	<	370	U
Dibenzofuran	<	380	U	<	390	U	<	390	U	<	370	U
Diethyl Phthalate	<	380	U	<	390	U	<	390	U	<	370	U
Dimethyl Propanedioic	<	380	U	<	390	U	<	390	U	<	370	U
Fluoranthene	<	380	U	<	390	U	<	390	U	<	370	U
Fluorene	<	380	U	<	390	U	<	390	U	<	370	U
Hexachlorobenzene	<	380	U	<	390	U	<	390	U	<	370	U
Hexachlorobutadiene	<	380	U	<	390	U	<	390	U	<	370	U
Hexachlorocyclopentadiene	<	380	U	<	390	U	<	390	U	<	370	U
Hexachloroethane	<	380	U	<	390	U	<	390	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB01-020			CAG-SB01-030			CAG-SB01-040			CAG-SB02-002		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	380	U	<	390	U	<	390	U	<	370	U
Isophorone	<	380	U	<	390	U	<	390	U	<	370	U
N-Nitrosodi-N-Propylamine	<	380	U	<	390	U	<	390	U	<	370	U
N-Nitrosodiphenylamine	<	380	U	<	390	U	<	390	U	<	370	U
Naphthalene	<	380	U	<	390	U	<	390	U	<	370	U
Nitrobenzene	<	380	U	<	390	U	<	390	U	<	370	U
Pentachlorophenol	<	760	U	<	780	U	<	780	U	<	730	U
Phenanthrene	<	380	U	<	390	U	<	390	U	<	370	U
Phenol	<	380	U	<	390	U	<	390	U	<	370	U
Pyrene	<	380	U	<	390	U	<	390	U	<	370	U
PESTICIDES/PCB (µg/kg)												
Aldrin	<	1.9	U	<	2	U	<	2	U	<	3.7	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	1.9	U	<	2	U	<	2	U	<	3.7	U
Alpha Endosulfan	<	1.9	U	<	2	U	<	2	U	<	3.7	U
Alpha-Chlordane	<	1.9	U	<	2	U	<	2	U	<	3.7	U
Beta BHC (Beta Hexachlorocyclohexane)	<	1.9	U	<	2	U	<	2	U	<	3.7	U
Beta Endosulfan	<	3.8	U	<	3.9	U	<	3.8	U	<	7.3	U
Chlordane	<	380	U	<	390	U	<	380	U	<	730	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	3.8	U	<	3.9	U	<	3.8	U	<	7.3	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	3.8	U	<	3.9	U	<	3.8	U	<	7.3	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	3.8	U	<	3.9	U	<	3.8	U	<	7.3	U
Delta BHC (Delta Hexachlorocyclohexane)	<	1.9	U	<	2	U	<	2	U	<	3.7	U
Dieldrin	<	3.8	U	<	3.9	U	<	3.8	U	<	7.3	U
Endosulfan Sulfate	<	3.8	U	<	3.9	U	<	3.8	U	<	7.3	U
Endrin	<	3.8	U	<	3.9	U	<	3.8	U	<	7.3	U
Endrin Aldehyde	<	3.8	U	<	3.9	U	<	3.8	U	<	7.3	U
Endrin Ketone	<	3.8	U	<	3.9	U	<	3.8	U	<	7.3	U
Gamma BHC (Lindane)	<	1.9	U	<	2	U	<	2	U	<	3.7	U
Gamma-Chlordane	<	1.9	U	<	2	U	<	2	U	<	3.7	U
Heptachlor	<	1.9	U	<	2	U	<	2	U	<	3.7	U
Heptachlor Epoxide	<	1.9	U	<	2	U	<	2	U	<	3.7	U
Methoxychlor	<	19	U	<	20	U	<	20	U	<	37	U
PESTICIDES/PCB (µg/kg)												
PCB-1016 (Arochlor 1016)	<	38	U	<	39	U	<	38	U	<	73	U
PCB-1221 (Arochlor 1221)	<	38	U	<	39	U	<	38	U	<	73	U
PCB-1232 (Arochlor 1232)	<	38	U	<	39	U	<	38	U	<	73	U
PCB-1242 (Arochlor 1242)	<	38	U	<	39	U	<	38	U	<	73	U
PCB-1248 (Arochlor 1248)	<	38	U	<	39	U	<	38	U	<	73	U
PCB-1254 (Arochlor 1254)	<	38	U	<	39	U	<	38	U	<	73	U
PCB-1260 (Arochlor 1260)	<	38	U	<	39	U	<	38	U	<	73	U
TOXaphene	<	190	U	<	200	U	<	200	U	<	370	U
HERBICIDES (µg/kg)												
2,4 Db	<	1.7	U	<	1.8	U	<	1.7	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	1.5	U	<	1.6	U	<	1.6	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	1.7	U	<	1.8	U	<	1.7	U	<	3.3	U
Dalapon	<	3	U	<	3.1	U	<	3.1	U	<	5.9	U
Dicamba	<	3	U	<	3.1	U	<	3.1	U	<	5.9	U
Dichloroprop	<	1.7	U	<	1.8	U	<	1.7	U	<	3.3	U
Dinoseb	<	3	U	<	3.1	U	<	3.1	U	<	5.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB01-020			CAG-SB01-030			CAG-SB01-040			CAG-SB02-002		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	380	U	<	390	U	<	390	U	<	730	U
Mcpp	<	760	U	<	780	U	<	780	U	<	1500	U
Silvex (2,4,5-Tp)	<	1.5	U	<	1.6	U	<	1.6	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	<	5.7	U	<	5.8	U	<	5.8	U	<	11	U
Phc As Diesel Fuel	<	29		<	29		<	29		<	28	
METALS (mg/kg)												
Aluminum	8270	21		5440	22		4150	22		17000	19	
Antimony	<	6.2	U	<	6.5	U	<	6.6	U	<	5.7	U
Arsenic	1.6	2.1	J	1.9	2.2	J	1.5	2.2	J	3.6	2.1	
Barium	102	21		650	22		115	22		106	19	
Beryllium	0.45	0.52	J	0.21	0.54	J	0.13	0.55	J	0.79	0.48	
Cadmium	<	0.52	U	<	0.54	U	<	0.55	U	0.35	0.48	J
Calcium	252000	5200		200000	5400		129000	5500		3090	480	
Chromium, Total	20.9	1		16.2	1.1		11.2	1.1		11.9	0.96	
Cobalt	2	5.2	J	1.1	5.4	J	1.2	5.5	J	5.3	4.8	
Copper	2.8	2.6		4.5	2.7		<	2.7	U	8.1	2.4	
Iron	4160	10	E	2670	11	E	2640	11	E	13200	9.6	
Lead	2.8	0.32		1.5	0.33		1.6	0.33		13	10	
Magnesium	7890	520		24000	540		13600	550		2390	480	
Manganese	40.1	1.5	E	26.4	1.6	E	31.7	1.6	E	211	1.4	E
Mercury	<	0.19	U	<	0.21	U	<	0.21		0.04	0.21	J
Nickel	3.9	4.1	J	4.1	4.3	J	2.4	4.4	J	10.7	3.8	
Potassium	1610	520		1010	540		739	550		2640	480	
Selenium	0.74	2.7	J	<	2.8	U	<	2.7	U	<	10	U
Silver	<	1	U	<	1.1	U	<	1.1	U	<	0.96	U
Sodium	240	520	J	290	540	J	150	550	J	41.9	480	J
Thallium	<	1.1	U	0.22	1.1	J	<	1.1		0.3	1	J
Vanadium	16.3	5.2	E	20	5.4	E	15	5.5	E	27	4.8	
Zinc	12.3	2.1		7.9	2.2		6.1	2.2		32.5	1.9	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB02-005			CAG-SB02-205			CAG-SB02-010			CAG-SB02-020		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	18	U	<	18	U	<	18	U
Acetone	<	82	U	<	53	U	<	68	U	<	62	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	11	U	<	11	U	<	11	U	<	12	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)			U									
1,2,4-Trichlorobenzene	<	350	U	<	350	U	<	360	U	<	360	U
1,2-Dichlorobenzene	<	350	U	<	350	U	<	360	U	<	360	U
1,2-Diphenylhydrazine	<	350	U	<	350	U	<	360	U	<	360	U
1,3-Dichlorobenzene	<	350	U	<	350	U	<	360	U	<	360	U
1,4-Dichlorobenzene	<	350	U	<	350	U	<	360	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	350	U	<	350	U	<	360	U	<	360	U
2,4,5-Trichlorophenol	<	350	U	<	350	U	<	360	U	<	360	U
2,4,6-Trichlorophenol	<	350	U	<	350	U	<	360	U	<	360	U
2,4-Dichlorophenol	<	350	U	<	350	U	<	360	U	<	360	U
2,4-Dimethylphenol	<	350	U	<	350	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB02-005			CAG-SB02-205			CAG-SB02-010			CAG-SB02-020		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	710	U	<	700	U	<	710	U	<	720	U
2,4-Dinitrotoluene	<	350	U	<	350	U	<	360	U	<	360	U
2,6-Dinitrotoluene	<	350	U	<	350	U	<	360	U	<	360	U
2-Chloronaphthalene	<	350	U	<	350	U	<	360	U	<	360	U
2-Chlorophenol	<	350	U	<	350	U	<	360	U	<	360	U
2-Methylnaphthalene	<	350	U	<	350	U	<	360	U	<	360	U
2-Methylphenol (O-Cresol)	<	350	U	<	350	U	<	360	U	<	360	U
2-Nitroaniline	<	350	U	<	350	U	<	360	U	<	360	U
2-Nitrophenol	<	350	U	<	350	U	<	360	U	<	360	U
3,3'-Dichlorobenzidine	<	710	U	<	700	U	<	710	U	<	720	U
3-Nitroaniline	<	350	U	<	350	U	<	360	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	710	U	<	700	U	<	710	U	<	720	U
4-Bromophenyl Phenyl Ether	<	350	U	<	350	U	<	360	U	<	360	U
4-Chloro-3-Methylphenol	<	350	U	<	350	U	<	360	U	<	360	U
4-Chloroaniline	<	350	U	<	350	U	<	360	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	350	U	<	350	U	<	360	U	<	360	U
4-Methylphenol (P-Cresol)	<	350	U	<	350	U	<	360	U	<	360	U
4-Nitroaniline	<	350	U	<	350	U	<	360	U	<	360	U
4-Nitrophenol	<	710	U	<	700	U	<	710	U	<	720	U
Acenaphthene	<	350	U	<	350	U	<	360	U	<	360	U
Acenaphthylene	<	350	U	<	350	U	<	360	U	<	360	U
Aniline (Phenylamine, Aminobenzene)	<	350	U	<	350	U	<	360	U	<	360	U
Anthracene	<	350	U	<	350	U	<	360	U	<	360	U
Benzo(a)anthracene	<	350	U	<	350	U	<	360	U	<	360	U
Benzo(a)pyrene	<	350	U	<	350	U	<	360	U	<	360	U
Benzo(b)fluoranthene	<	350	U	<	350	U	<	360	U	<	360	U
Benzo(g,h,i)perylene	<	350	U	<	350	U	<	360	U	<	360	U
Benzo(k)fluoranthene	<	350	U	<	350	U	<	360	U	<	360	U
Benzoic Acid	<	1800	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	350	U	<	350	U	<	360	U	<	360	U
Benzyl Butyl Phthalate	<	350	U	<	350	U	<	360	U	<	360	U
bis(2-Chloroethoxy) Methane	<	350	U	<	350	U	<	360	U	<	360	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	350	U	<	350	U	<	360	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	350	U	<	350	U	<	360	U	<	360	U
Carbazole	<	350	U	<	350	U	<	360	U	<	360	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)				<	350	U						
Chrysene	<	350	U	<	350	U	<	360	U	<	360	U
Di-N-Butyl Phthalate	<	350	U	<	350	U	<	360	U	<	360	U
Di-N-Octylphthalate	<	350	U	<	350	U	<	360	U	<	360	U
Dibenz(a,h)anthracene	<	350	U	<	350	U	<	360	U	<	360	U
Dibenzofuran	<	350	U	<	350	U	<	360	U	<	360	U
Diethyl Phthalate	<	350	U	<	350	U	<	360	U	<	360	U
Dimethyl Propanedioic	<	350	U	<	350	U	<	360	U	<	360	U
Fluoranthene	<	350	U	<	350	U	<	360	U	<	360	U
Fluorene	<	350	U	<	350	U	<	360	U	<	360	U
Hexachlorobenzene	<	350	U	<	350	U	<	360	U	<	360	U
Hexachlorobutadiene	<	350	U	<	350	U	<	360	U	<	360	U
Hexachlorocyclopentadiene	<	350	U	<	350	U	<	360	U	<	360	U
Hexachloroethane	<	350	U	<	350	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB02-005			CAG-SB02-205			CAG-SB02-010			CAG-SB02-020		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	350	U	<	350	U	<	360	U	<	360	U
Isophorone	<	350	U	<	350	U	<	360	U	<	360	U
N-Nitrosodi-N-Propylamine	<	350	U	<	350	U	<	360	U	<	360	U
N-Nitrosodiphenylamine	<	350	U	<	350	U	<	360	U	<	360	U
Naphthalene	<	350	U	<	350	U	<	360	U	<	360	U
Nitrobenzene	<	350	U	<	700	U	<	360	U	<	360	U
Pentachlorophenol	<	710	U	<	350	U	<	710	U	<	720	U
Phenanthrene	<	350	U	<	350	U	<	360	U	<	360	U
Phenol	<	350	U	<	350	U	<	360	U	<	360	U
Pyrene	<	350	U				<	360	U	<	360	U
PESTICIDES/PCB (µg/kg)				<	3.6	U						
Aldrin	<	3.6	U	<	3.6	U	<	3.6	U	<	3.7	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.6	U	<	3.6	U	<	3.6	U	<	3.7	U
Alpha Endosulfan	<	3.6	U	<	3.6	U	<	3.6	U	<	3.7	U
Alpha-Chlordane	<	3.6	U	<	3.6	U	<	3.6	U	<	3.7	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.6	U	<	7	U	<	3.6	U	<	3.7	U
Beta Endosulfan	<	7	U	<	700	U	<	7.1	U	<	7.1	U
Chlordane	<	700	U	<	7	U	<	710	U	<	710	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7	U	<	7	U	<	7.1	U	<	7.1	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7	U	<	7	U	<	7.1	U	<	7.1	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7	U	<	3.6	U	<	7.1	U	<	7.1	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.6	U	<	7	U	<	3.6	U	<	3.7	U
Dieldrin	<	7	U	<	7	U	<	7.1	U	<	7.1	U
Endosulfan Sulfate	<	7	U	<	7	U	<	7.1	U	<	7.1	U
Endrin	<	7	U	<	7	U	<	7.1	U	<	7.1	U
Endrin Aldehyde	<	7	U	<	7	U	<	7.1	U	<	7.1	U
Endrin Ketone	<	7	U	<	3.6	U	<	7.1	U	<	7.1	U
Gamma BHC (Lindane)	<	3.6	U	<	3.6	U	<	3.6	U	<	3.7	U
Gamma-Chlordane	<	3.6	U	<	3.6	U	<	3.6	U	<	3.7	U
Heptachlor	<	3.6	U	<	3.6	U	<	3.6	U	<	3.7	U
Heptachlor Epoxide	<	3.6	U	<	36	U	<	3.6	U	<	3.7	U
Methoxychlor	<	36	U	<	70	U	<	36	U	<	37	U
PESTICIDES/PCB (µg/kg)				<	70	U						
PCB-1016 (Arochlor 1016)	<	70	U	<	70	U	<	71	U	<	71	U
PCB-1221 (Arochlor 1221)	<	70	U	<	70	U	<	71	U	<	71	U
PCB-1232 (Arochlor 1232)	<	70	U	<	70	U	<	71	U	<	71	U
PCB-1242 (Arochlor 1242)	<	70	U	<	70	U	<	71	U	<	71	U
PCB-1248 (Arochlor 1248)	<	70	U	<	70	U	<	71	U	<	71	U
PCB-1254 (Arochlor 1254)	<	70	U	<	360	U	<	71	U	<	71	U
PCB-1260 (Arochlor 1260)	<	70	U				<	71	U	<	71	U
TOXaphene	<	360	U	<	3.2	U	<	360	U	<	370	U
HERBICIDES (µg/kg)				<	2.8	U						
2,4 Db	<	3.2	U	<	3.2	U	<	3.2	U	<	3.2	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	2.8	U	<	5.6	U	<	2.9	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.2	U	<	5.6	U	<	3.2	U	<	3.2	U
Dalapon	<	5.6	U	<	3.2	U	<	5.7	U	<	5.7	U
Dicamba	<	5.6	U	<	700	U	<	5.7	U	<	5.7	U
Dichloroprop	<	3.2	U	<	1400	U	<	3.2	U	<	3.2	U
Dinoseb	<	5.6	U	<	2.8	U	<	5.7	U	<	5.7	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB02-005			CAG-SB02-205			CAG-SB02-010			CAG-SB02-020		
COLLECT DATE	5/3/98			5/3/98			5/3/98			5/3/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	710	U				<	710	U	<	720	U
Mcpp	<	1400	U	<	11	U	<	1400	U	<	1400	U
Silvex (2,4,5-Tp)	<	2.8	U	<	26	U	<	2.9	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	<	11	U	10500	20		<	11	U	<	11	U
Phc As Diesel Fuel	<	26		<	6	U	<	27		<	27	
METALS (mg/kg)				2.6	2							
Aluminum	9510	20		181	20		7720	21		6170	21	
Antimony	<	5.9	U	0.47	0.5		<	6.2	U	<	6.2	U
Arsenic	2.8	1.8		0.24	5		2.1	1		1.6	2	J
Barium	224	20		160000	500		295	21		227	21	
Beryllium	0.44	0.5	J	17.2	1		0.39	0.52	J	0.29	0.52	J
Cadmium	0.18	5	J	3.2	5		0.26	5.2	J	0.28	5.2	J
Calcium	140000	500		3.9	2.5		163000	520		265000	520	
Chromium, Total	15.1	0.99		6740	10		15.2	1		22.6	1	
Cobalt	3	5	J	5.3	10		2.4	5.2	J	1.5	5.2	J
Copper	3.8	2.5		3460	500		2.3	2.6	J	3.3	2.6	
Iron	6370	9.9		77.3	1.5	E	4960	10		3180	10	
Lead	5.5	9.2	J	<	0.17	U	4.7	10	J	3.2	9.9	J
Magnesium	3170	500		6.8	4		3340	520		9980	520	
Manganese	74.4	1.5	E	1740	500		56.3	1.5	E	29.9	1.6	E
Mercury	0.06	0.2	J	<	10	U	<	0.17	U	<	0.2	U
Nickel	6.3	4		<	1	U	5.3	4.1		4.3	4.2	
Potassium	1590	500		66.6	500		1520	520		1270	520	
Selenium	<	9.2	U	0.22	1		<	10	U	<	9.9	U
Silver	<	0.99	U	17.8	5		<	1	U	<	1	U
Sodium	64.8	500	J	17.3	2		262	520	J	346	520	J
Thallium	<	0.92	U				<	1	U	<	0.99	U
Vanadium	16.6	5					13.8	5.2		12.1	5.2	
Zinc	16.4	2					12.8	2.1		10.1	2.1	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB02-030			CAG-SB02-040			CAG-SB03-003			CAG-SB03-006		
COLLECT DATE	5/3/98			5/3/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	19	U	<	18	U	<	19	U	<	18	U
Acetone	<	55	U	<	160	U	<	88	U	<	69	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	19	U	<	18	U	<	19	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	19	U	<	18	U	6	19	J	<	18	U
Methylene Chloride	<	13	U	<	11	U	<	38	U	<	11	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	4	11	J	6	11	J
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	380	U	<	370	U	<	380	U	<	370	U
1,2-Dichlorobenzene	<	380	U	<	370	U	<	380	U	<	370	U
1,2-Diphenylhydrazine	<	380	U	<	370	U	<	380	U	<	370	U
1,3-Dichlorobenzene	<	380	U	<	370	U	<	380	U	<	370	U
1,4-Dichlorobenzene	<	380	U	<	370	U	<	380	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	380	U	<	370	U	<	380	U	<	370	U
2,4,5-Trichlorophenol	<	380	U	<	370	U	<	380	U	<	370	U
2,4,6-Trichlorophenol	<	380	U	<	370	U	<	380	U	<	370	U
2,4-Dichlorophenol	<	380	U	<	370	U	<	380	U	<	370	U
2,4-Dimethylphenol	<	380	U	<	370	U	<	380	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB02-030			CAG-SB02-040			CAG-SB03-003			CAG-SB03-006		
COLLECT DATE	5/3/98			5/3/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	750	U	<	730	U	<	760	U	<	730	U
2,4-Dinitrotoluene	<	380	U	<	370	U	<	380	U	<	370	U
2,6-Dinitrotoluene	<	380	U	<	370	U	<	380	U	<	370	U
2-Chloronaphthalene	<	380	U	<	370	U	<	380	U	<	370	U
2-Chlorophenol	<	380	U	<	370	U	<	380	U	<	370	U
2-Methylnaphthalene	<	380	U	<	370	U	<	380	U	<	370	U
2-Methylphenol (O-Cresol)	<	380	U	<	370	U	<	380	U	<	370	U
2-Nitroaniline	<	380	U	<	370	U	<	380	U	<	370	U
2-Nitrophenol	<	380	U	<	370	U	<	380	U	<	370	U
3,3'-Dichlorobenzidine	<	750	U	<	730	U	<	760	U	<	730	U
3-Nitroaniline	<	380	U	<	370	U	<	380	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	750	U	<	730	U	<	760	U	<	730	U
4-Bromophenyl Phenyl Ether	<	380	U	<	370	U	<	380	U	<	370	U
4-Chloro-3-Methylphenol	<	380	U	<	370	U	<	380	U	<	370	U
4-Chloroaniline	<	380	U	<	370	U	<	380	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	380	U	<	370	U	<	380	U	<	370	U
4-Methylphenol (P-Cresol)	<	380	U	<	370	U	<	380	U	<	370	U
4-Nitroaniline	<	380	U	<	370	U	<	380	U	<	370	U
4-Nitrophenol	<	750	U	<	730	U	<	760	U	<	730	U
Acenaphthene	<	380	U	<	370	U	<	380	U	<	370	U
Acenaphthylene	<	380	U	<	370	U	<	380	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	380	U	<	370	U	<	380	U	<	370	U
Anthracene	<	380	U	<	370	U	<	380	U	<	370	U
Benzo(a)anthracene	<	380	U	<	370	U	<	380	U	<	370	U
Benzo(a)pyrene	<	380	U	<	370	U	<	380	U	<	370	U
Benzo(b)fluoranthene	<	380	U	<	370	U	<	380	U	<	370	U
Benzo(g,h,i)perylene	<	380	U	<	370	U	<	380	U	<	370	U
Benzo(k)fluoranthene	<	380	U	<	370	U	<	380	U	<	370	U
Benzoic Acid	<	1900	U	<	1800	U	<	1900	U	<	1800	U
Benzyl Alcohol	<	380	U	<	370	U	<	380	U	<	370	U
Benzyl Butyl Phthalate	<	380	U	<	370	U	<	380	U	<	370	U
bis(2-Chloroethoxy) Methane	<	380	U	<	370	U	<	380	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	380	U	<	370	U	<	380	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	380	U	<	370	U	<	380	U	<	370	U
Carbazole	<	380	U	<	370	U	<	380	U	<	370	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
Chrysene	<	380	U	<	370	U	<	380	U	<	370	U
Di-N-Butyl Phthalate	<	380	U	<	370	U	<	380	U	<	370	U
Di-N-Octylphthalate	<	380	U	<	370	U	<	380	U	<	370	U
Dibenz(a,h)anthracene	<	380	U	<	370	U	<	380	U	<	370	U
Dibenzofuran	<	380	U	<	370	U	<	380	U	<	370	U
Diethyl Phthalate	<	380	U	<	370	U	<	380	U	<	370	U
Dimethyl Propanedioic	<	380	U	<	370	U	<	380	U	<	370	U
Fluoranthene	<	380	U	<	370	U	<	380	U	46	370	J
Fluorene	<	380	U	<	370	U	<	380	U	<	370	U
Hexachlorobenzene	<	380	U	<	370	U	<	380	U	<	370	U
Hexachlorobutadiene	<	380	U	<	370	U	<	380	U	<	370	U
Hexachlorocyclopentadiene	<	380	U	<	370	U	<	380	U	<	370	U
Hexachloroethane	<	380	U	<	370	U	<	380	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB02-030			CAG-SB02-040			CAG-SB03-003			CAG-SB03-006		
COLLECT DATE	5/3/98			5/3/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	380	U	<	370	U	<	380	U	<	370	U
Isophorone	<	380	U	<	370	U	<	380	U	<	370	U
N-Nitrosodi-N-Propylamine	<	380	U	<	370	U	<	380	U	<	370	U
N-Nitrosodiphenylamine	<	380	U	<	370	U	<	380	U	<	370	U
Naphthalene	<	380	U	<	370	U	<	380	U	<	370	U
Nitrobenzene	<	380	U	<	370	U	<	380	U	<	370	U
Pentachlorophenol	<	750	U	<	730	U	<	760	U	<	730	U
Phenanthrene	<	380	U	<	370	U	<	380	U	<	370	U
Phenol	<	380	U	<	370	U	<	380	U	<	370	U
Pyrene	<	380	U	<	370	U	<	380	U	48	370	U
PESTICIDES/PCB (µg/kg)												
Aldrin	<	3.8	U	<	3.7	U	<	0.39	U	<	0.37	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.8	U	<	3.7	U	<	0.39	U	<	0.37	U
Alpha Endosulfan	<	3.8	U	<	3.7	U	<	0.39	U	<	0.37	U
Alpha-Chlordane	<	3.8	U	<	3.7	U	<	0.39	U	<	0.37	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.8	U	<	3.7	U	<	0.39	U	<	0.37	U
Beta Endosulfan	<	7.5	U	<	7.2	U	<	0.76	U	<	0.73	U
Chlordane	<	750	U	<	720	U	<	76	U	<	73	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.5	U	<	7.2	U	<	0.76	U	<	0.73	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.5	U	<	7.2	U	<	0.76	U	<	0.73	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.5	U	<	7.2	U	<	0.76	U	<	0.73	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.8	U	<	3.7	U	<	0.39	U	<	0.37	U
Dieldrin	<	7.5	U	<	7.2	U	<	0.76	U	<	0.73	U
Endosulfan Sulfate	<	7.5	U	<	7.2	U	<	0.76	U	<	0.73	U
Endrin	<	7.5	U	<	7.2	U	<	0.76	U	<	0.73	U
Endrin Aldehyde	<	7.5	U	<	7.2	U	<	0.76	U	<	0.73	U
Endrin Ketone	<	7.5	U	<	7.2	U	<	0.76	U	<	0.73	U
Gamma BHC (Lindane)	<	3.8	U	<	3.7	U	<	0.39	U	<	0.37	U
Gamma-Chlordane	<	3.8	U	<	3.7	U	<	0.39	U	<	0.37	U
Heptachlor	<	3.8	U	<	3.7	U	<	0.39	U	<	0.37	U
Heptachlor Epoxide	<	3.8	U	<	3.7	U	<	0.39	U	<	0.37	U
Methoxychlor	<	38	U	<	37	U	<	3.9	U	<	3.7	U
PESTICIDES/PCB (µg/kg)												
PCB-1016 (Arochlor 1016)	<	75	U	<	72	U	<	7.6	U	<	7.3	U
PCB-1221 (Arochlor 1221)	<	75	U	<	72	U	<	7.6	U	<	7.3	U
PCB-1232 (Arochlor 1232)	<	75	U	<	72	U	<	7.6	U	<	7.3	U
PCB-1242 (Arochlor 1242)	<	75	U	<	72	U	<	7.6	U	<	7.3	U
PCB-1248 (Arochlor 1248)	<	75	U	<	72	U	<	7.6	U	<	7.3	U
PCB-1254 (Arochlor 1254)	<	75	U	<	72	U	<	7.6	U	<	7.3	U
PCB-1260 (Arochlor 1260)	<	75	U	<	72	U	<	7.6	U	<	7.3	U
TOXaphene	<	380	U	<	370	U	<	39	U	<	37	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.4	U	<	3.3	U	<	3.4	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	3	U	<	2.9	U	<	3.1	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.4	U	<	3.3	U	<	3.4	U	<	3.3	U
Dalapon	<	6	U	<	5.8	U	<	6.1	U	<	5.9	U
Dicamba	<	6	U	<	5.8	U	<	6.1	U	<	5.9	U
Dichloroprop	<	3.4	U	<	3.3	U	<	3.4	U	<	3.3	U
Dinoseb	<	6	U	<	5.8	U	<	6.1	U	<	5.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB02-030			CAG-SB02-040			CAG-SB03-003			CAG-SB03-006		
COLLECT DATE	5/3/98			5/3/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	750	U	<	730	U	<	760	U	<	730	U
Mcpp	<	1500	U	<	1500	U	<	1500	U	<	1500	U
Silvex (2,4,5-Tp)	<	3	U	<	2.9	U	<	3.1	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	<	11	U	<	11	U	<	11	U	<	11	U
Phc As Diesel Fuel	<	28		<	27		<	29		<	28	
METALS (mg/kg)												
Aluminum	4640	21		4720	21		13200	22		10300	20	
Antimony	<	6.3	U	<	6.3	U	<	6.6	U	<	6	U
Arsenic	1.8	2	J	1.4	2.1	J	2.4	2.1		3.1	2	
Barium	117	21		79.6	21		133	22		490	20	
Beryllium	0.17	0.52	J	0.17	0.53	J	0.65	0.55		0.57	0.5	
Cadmium	<	5.2	U	<	5.3	U	<	0.55	U	<	0.5	U
Calcium	171000	520		99300	530		114000	5500		63900	5000	
Chromium, Total	14.3	1		13.1	1.1		17.1	1.1		11.9	0.99	
Cobalt	2.6	5.2	J	1.5	5.3	J	4.1	5.5	J	3.7	5	J
Copper	2.4	2.6	J	12.8	2.6		6.9	2.8		5.2	2.5	
Iron	2540	10		3100	11		9010	11		8310	9.9	
Lead	1.6	9.8	J	2.5	10	J	6.1	10	J	5.6	9.2	J
Magnesium	18600	520		13000	530		3350	550		3330	500	
Manganese	75.4	1.6	E	40.8	1.6	E	131	1.7	J	120	1.5	
Mercury	<	0.18	U	<	0.21	U	0.05	0.21	J	<	0.22	U
Nickel	4.1	4.2	J	3.6	4.2	J	9.2	4.4		8.1	4	
Potassium	910	520		909	530		2110	550		1690	500	
Selenium	<	9.8	U	<	10	U	<	5.4	UJ	<	5	U
Silver	<	1	U	<	1.1	U	<	1.1	U	<	0.99	U
Sodium	247	520	J	164	530	J	63.5	550	J	60.6	500	J
Thallium	<	0.98	U	<	1	U	<	1	U	<	0.92	U
Vanadium	14.9	5.2		14.2	5.3		19.5	5.5		23.8	5	
Zinc	6	2.1		8	2.1		24.6	2.2	E	21.3	2	E

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB03-011			CAG-SB03-021			CAG-SB03-031			CAG-SB03-041		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	13	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	13	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	13	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	13	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	13	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	13	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	13	U	<	11	U
2-Hexanone	<	18	U	<	18	U	<	21	U	<	18	U
Acetone	<	73	U	<	72	U	<	91	U	<	18	U
Benzene	<	11	U	<	11	U	<	13	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	13	U	<	11	U
Bromoform	<	11	U	<	11	U	<	13	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	13	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	13	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	13	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	13	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	13	U	<	11	U
Chloroform	<	11	U	<	11	U	<	13	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	13	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	13	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	13	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	13	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	13	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	13	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	13	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U	<	21	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	4	18	J	5	18	J	9	21	J	<	18	U
Methylene Chloride	<	31	U	<	30	U	<	42	U	<	13	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	13	U	<	11	U
Styrene	<	11	U	<	11	U	<	13	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	13	U	<	11	U
Toluene	<	11	U	<	11	U	<	13	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	13	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	13	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	13	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	13	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	13	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	370	U	<	420	U	<	370	U
1,2-Dichlorobenzene	<	360	U	<	370	U	<	420	U	<	370	U
1,2-Diphenylhydrazine	<	360	U	<	370	U	<	420	U	<	370	U
1,3-Dichlorobenzene	<	360	U	<	370	U	<	420	U	<	370	U
1,4-Dichlorobenzene	<	360	U	<	370	U	<	420	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	370	U	<	420	U	<	370	U
2,4,5-Trichlorophenol	<	360	U	<	370	U	<	420	U	<	370	U
2,4,6-Trichlorophenol	<	360	U	<	370	U	<	420	U	<	370	U
2,4-Dichlorophenol	<	360	U	<	370	U	<	420	U	<	370	U
2,4-Dimethylphenol	<	360	U	<	370	U	<	420	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB03-011			CAG-SB03-021			CAG-SB03-031			CAG-SB03-041		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	730	U	<	730	U	<	850	U	<	730	U
2,4-Dinitrotoluene	<	360	U	<	370	U	<	420	U	<	370	U
2,6-Dinitrotoluene	<	360	U	<	370	U	<	420	U	<	370	U
2-Chloronaphthalene	<	360	U	<	370	U	<	420	U	<	370	U
2-Chlorophenol	<	360	U	<	370	U	<	420	U	<	370	U
2-Methylnaphthalene	<	360	U	<	370	U	<	420	U	<	370	U
2-Methylphenol (O-Cresol)	<	360	U	<	370	U	<	420	U	<	370	U
2-Nitroaniline	<	360	U	<	370	U	<	420	U	<	370	U
2-Nitrophenol	<	360	U	<	370	U	<	420	U	<	370	U
3,3'-Dichlorobenzidine	<	730	U	<	730	U	<	850	U	<	730	U
3-Nitroaniline	<	360	U	<	370	U	<	420	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	730	U	<	730	U	<	850	U	<	730	U
4-Bromophenyl Phenyl Ether	<	360	U	<	370	U	<	420	U	<	370	U
4-Chloro-3-Methylphenol	<	360	U	<	370	U	<	420	U	<	370	U
4-Chloroaniline	<	360	U	<	370	U	<	420	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	370	U	<	420	U	<	370	U
4-Methylphenol (P-Cresol)	<	360	U	<	370	U	<	420	U	<	370	U
4-Nitroaniline	<	360	U	<	370	U	<	420	U	<	370	U
4-Nitrophenol	<	730	U	<	730	U	<	850	U	<	730	U
Acenaphthene	<	360	U	<	370	U	<	420	U	<	370	U
Acenaphthylene	<	360	U	<	370	U	<	420	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	360	U	<	370	U	<	420	U	<	370	U
Anthracene	<	360	U	<	370	U	<	420	U	<	370	U
Benzo(a)anthracene	<	360	U	<	370	U	<	420	U	<	370	U
Benzo(a)pyrene	<	360	U	<	370	U	<	420	U	<	370	U
Benzo(b)fluoranthene	<	360	U	<	370	U	<	420	U	<	370	U
Benzo(g,h,i)perylene	<	360	U	<	370	U	<	420	U	<	370	U
Benzo(k)fluoranthene	<	360	U	<	370	U	<	420	U	<	370	U
Benzoic Acid	<	1800	U	<	1800	U	<	2100	U	<	1800	U
Benzyl Alcohol	<	360	U	<	370	U	<	420	U	<	370	U
Benzyl Butyl Phthalate	<	360	U	<	370	U	<	420	U	<	370	U
bis(2-Chloroethoxy) Methane	<	360	U	<	370	U	<	420	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	360	U	<	370	U	<	420	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	360	U	<	370	U	<	420	U	<	370	U
Carbazole	<	360	U	<	370	U	<	420	U	<	370	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
Chrysene	<	360	U	<	370	U	<	420	U	<	370	U
Di-N-Butyl Phthalate	<	360	U	<	370	U	<	420	U	<	370	U
Di-N-Octylphthalate	100	360	J	<	370	U	<	420	U	<	370	U
Dibenz(a,h)anthracene	<	360	U	<	370	U	<	420	U	<	370	U
Dibenzofuran	<	360	U	<	370	U	<	420	U	<	370	U
Diethyl Phthalate	<	360	U	<	370	U	<	420	U	<	370	U
Dimethyl Propanedioic	<	360	U	<	370	U	<	420	U	<	370	U
Fluoranthene	<	360	U	<	370	U	<	420	U	<	370	U
Fluorene	<	360	U	<	370	U	<	420	U	<	370	U
Hexachlorobenzene	<	360	U	<	370	U	<	420	U	<	370	U
Hexachlorobutadiene	<	360	U	<	370	U	<	420	U	<	370	U
Hexachlorocyclopentadiene	<	360	U	<	370	U	<	420	U	<	370	U
Hexachloroethane	<	360	U	<	370	U	<	420	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB03-011			CAG-SB03-021			CAG-SB03-031			CAG-SB03-041		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	360	U	<	370	U	<	420	U	<	370	U
Isophorone	<	360	U	<	370	U	<	420	U	<	370	U
N-Nitrosodi-N-Propylamine	<	360	U	<	370	U	<	420	U	<	370	U
N-Nitrosodiphenylamine	<	360	U	<	370	U	<	420	U	<	370	U
Naphthalene	<	360	U	<	370	U	<	420	U	<	370	U
Nitrobenzene	<	360	U	<	370	U	<	420	U	<	370	U
Pentachlorophenol	<	730	U	<	730	U	<	850	U	<	730	U
Phenanthrene	<	360	U	<	370	U	<	420	U	<	370	U
Phenol	<	360	U	<	370	U	<	420	U	<	370	U
Pyrene	<	360	U	<	370	U	<	420	U	<	370	U
PESTICIDES/PCB (µg/kg)												
Aldrin	<	0.37	U	<	0.37	U	<	0.43	U	<	3.7	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	0.37	U	<	0.37	U	<	0.43	U	<	3.7	U
Alpha Endosulfan	<	0.37	U	<	0.37	U	<	0.43	U	<	3.7	U
Alpha-Chlordane	<	0.37	U	<	0.37	U	<	0.43	U	<	3.7	U
Beta BHC (Beta Hexachlorocyclohexane)	<	0.37	U	<	0.37	U	<	0.43	U	<	3.7	U
Beta Endosulfan	<	0.72	U	<	0.73	U	<	0.84	U	<	7.3	U
Chlordane	<	72	U	<	73	U	<	84	U	<	730	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	0.72	U	<	0.73	U	<	0.84	U	<	7.3	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	0.72	U	<	0.73	U	<	0.84	U	<	7.3	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	0.72	U	<	0.73	U	<	0.84	U	<	7.3	U
Delta BHC (Delta Hexachlorocyclohexane)	<	0.37	U	<	0.37	U	<	0.43	U	<	3.7	U
Dieldrin	<	0.72	U	<	0.73	U	<	0.84	U	<	7.3	U
Endosulfan Sulfate	<	0.72	U	<	0.73	U	<	0.84	U	<	7.3	U
Endrin	<	0.72	U	<	0.73	U	<	0.84	U	<	7.3	U
Endrin Aldehyde	<	0.72	U	<	0.73	U	<	0.84	U	<	7.3	U
Endrin Ketone	<	0.72	U	<	0.73	U	<	0.84	U	<	7.3	U
Gamma BHC (Lindane)	<	0.37	U	<	0.37	U	<	0.43	U	<	3.7	U
Gamma-Chlordane	<	0.37	U	<	0.37	U	<	0.43	U	<	3.7	U
Heptachlor	<	0.37	U	<	0.37	U	<	0.43	U	<	3.7	U
Heptachlor Epoxide	<	0.37	U	<	0.37	U	<	0.43	U	<	3.7	U
Methoxychlor	<	3.7	U	<	3.7	U	<	4.3	U	<	37	U
PESTICIDES/PCB (µg/kg)												
PCB-1016 (Arochlor 1016)	<	7.2	U	<	7.3	U	<	8.4	U	<	73	U
PCB-1221 (Arochlor 1221)	<	7.2	U	<	7.3	U	<	8.4	U	<	73	U
PCB-1232 (Arochlor 1232)	<	7.2	U	<	7.3	U	<	8.4	U	<	73	U
PCB-1242 (Arochlor 1242)	<	7.2	U	<	7.3	U	<	8.4	U	<	73	U
PCB-1248 (Arochlor 1248)	<	7.2	U	<	7.3	U	<	8.4	U	<	73	U
PCB-1254 (Arochlor 1254)	<	7.2	U	<	7.3	U	<	8.4	U	<	73	U
PCB-1260 (Arochlor 1260)	<	7.2	U	<	7.3	U	<	8.4	U	<	73	U
TOXaphene	<	37	U	<	37	U	<	43	U	<	370	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.3	U	<	3.3	U	<	3.8	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	2.9	U	<	2.9	U	<	3.4	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.3	U	<	3.3	U	<	3.8	U	<	3.3	U
Dalapon	<	5.8	U	<	5.9	U	<	6.8	U	<	5.9	U
Dicamba	<	5.8	U	<	5.9	U	<	6.8	U	<	5.9	U
Dichloroprop	<	3.3	U	<	3.3	U	<	3.8	U	<	3.3	U
Dinoseb	<	5.8	U	<	5.9	U	<	6.8	U	<	5.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB03-011			CAG-SB03-021			CAG-SB03-031			CAG-SB03-041		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	730	U	<	730	U	<	850	U	<	730	U
Mcpp	<	1500	U	<	1500	U	<	1700	U	1200	1500	U
Silvex (2,4,5-Tp)	<	2.9	U	<	2.9	U	<	3.4	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	<	11	U	<	11	U	<	13	U	<	5.5	U
Phc As Diesel Fuel	<	27		<	28		<	32		<	28	
METALS (mg/kg)												
Aluminum	9040	20		5890	18		8560	25		5280	20	
Antimony	<	6	U	<	5.3	U	<	7.5	U	<	6.1	U
Arsenic	1.7	1.9	J	2.1	2.1		1.9	2.4	J	0.72	0.98	J
Barium	62.1	20		338	18		163	25		62.8	20	
Beryllium	0.41	0.5	J	0.28	0.44	J	0.35	0.62	J	0.22	0.5	J
Cadmium	<	0.5	U	<	0.44	U	<	0.62	U	<	0.5	U
Calcium	60300	5000		179000	4400		86500	6200		22100	500	
Chromium, Total	10.3	0.99		17.2	0.89		11	1.2		6.1	1	
Cobalt	2.6	5	J	2.5	4.4	J	1.7	6.2	J	1.8	5	J
Copper	2.6	2.5		2.7	2.2		2.6	3.1	J	2.3	2.5	J
Iron	6260	9.9		3570	8.9		5040	12		3880	10	
Lead	3.9	11	J	2	9.5	J	2.4	12	J	2.1	9.8	J
Magnesium	3080	500		5420	440		8530	620		7750	500	
Manganese	75.5	1.5		51.6	1.3		41.6	1.9		47.5	1.5	
Mercury	<	0.2	U	0.07	0.21	J	0.14	0.25	J	<	0.2	U
Nickel	5.4	4		4.9	3.6		5.1	5		3.4	4	J
Potassium	2050	500		1140	440		1740	620		1030	500	
Selenium	<	4.8	U	<	5.3	U	<	5.9	U	<	2.5	U
Silver	<	0.99	U	<	0.89	U	<	1.2	U	<	1	U
Sodium	167	500	J	134	440	J	182	620	J	137	500	J
Thallium	<	1.1	U	<	0.95	U	<	1.2	U	<	0.98	
Vanadium	15.8	5		11.2	4.4		13.4	6.2		13.8	5	
Zinc	17	2	E	11.1	1.8	E	12	2.5	E	8.1	2	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB04-003			CAG-SB04-006			CAG-SB04-206			CAG-SB04-011		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	13	U	<	11	U	<	12	U	<	11	U
1,1,2,2-Tetrachloroethane	<	13	U	<	11	U	<	12	U	<	11	U
1,1,2-Trichloroethane	<	13	U	<	11	U	<	12	U	<	11	U
1,1-Dichloroethane	<	13	U	<	11	U	<	12	U	<	11	U
1,1-Dichloroethene	<	13	U	<	11	U	<	12	U	<	11	U
1,2-Dichloroethane	<	13	U	<	11	U	<	12	U	<	11	U
1,2-Dichloropropane	<	13	U	<	11	U	<	12	U	<	11	U
2-Hexanone	<	21	U	<	19	U	<	19	U	<	19	U
Acetone	<	99	U	<	21	U	<	74	U	<	61	U
Benzene	<	13	U	<	11	U	<	12	U	<	11	U
Bromodichloromethane	<	13	U	<	11	U	<	12	U	<	11	U
Bromoform	<	13	U	<	11	U	<	12	U	<	11	U
Bromomethane	<	13	U	<	11	U	<	12	U	<	11	U
Carbon Disulfide	<	13	U	<	11	U	<	12	U	<	11	U
Carbon Tetrachloride	<	13	U	<	11	U	<	12	U	<	11	U
Chlorobenzene	<	13	U	<	11	U	<	12	U	<	11	U
Chloroethane	<	13	U	<	11	U	<	12	U	<	11	U
Chloroform	<	13	U	<	11	U	<	12	U	<	11	U
Chloromethane	<	13	U	<	11	U	<	12	U	<	11	U
cis-1,2-Dichloroethylene	<	13	U	<	11	U	<	12	U	<	11	U
cis-1,3-Dichloropropene	<	13	U	<	11	U	<	12	U	<	11	U
Dibromochloromethane	<	13	U	<	11	U	<	12	U	<	11	U
Dichlorodifluoromethane	<	13	U	<	11	U	<	12	U	<	11	U
Ethylbenzene	<	13	U	<	11	U	<	12	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	13	U	<	11	U	<	12	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	21	U	<	19	U	<	19	U	<	19	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	6	21	J	<	19	U	<	19	U	6	19	J
Methylene Chloride	<	40	U	<	28	U	<	34	U	<	30	U
O-Xylene (1,2-Dimethylbenzene)	<	13	U	<	11	U	<	12	U	<	11	U
Styrene	<	13	U	<	11	U	<	12	U	<	11	U
Tetrachloroethylene(PCE)	<	13	U	<	11	U	<	12	U	<	11	U
Toluene	<	13	U	<	11	U	<	12	U	<	11	U
trans-1,2-Dichloroethene	<	13	U	<	11	U	<	12	U	<	11	U
trans-1,3-Dichloropropene	<	13	U	<	11	U	<	12	U	<	11	U
Trichloroethylene (TCE)	<	13	U	<	11	U	<	12	U	<	11	U
Trichlorofluoromethane	<	13	U	<	11	U	<	12	U	<	11	U
Vinyl Chloride	<	13	U	<	11	U	<	12	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	420	U	<	380	U	<	380	U	<	370	U
1,2-Dichlorobenzene	<	420	U	<	380	U	<	380	U	<	370	U
1,2-Diphenylhydrazine	<	420	U	<	380	U	<	380	U	<	370	U
1,3-Dichlorobenzene	<	420	U	<	380	U	<	380	U	<	370	U
1,4-Dichlorobenzene	<	420	U	<	380	U	<	380	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	420	U	<	380	U	<	380	U	<	370	U
2,4,5-Trichlorophenol	<	420	U	<	380	U	<	380	U	<	370	U
2,4,6-Trichlorophenol	<	420	U	<	380	U	<	380	U	<	370	U
2,4-Dichlorophenol	<	420	U	<	380	U	<	380	U	<	370	U
2,4-Dimethylphenol	<	420	U	<	380	U	<	380	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB04-003			CAG-SB04-006			CAG-SB04-206			CAG-SB04-011		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	850	U	<	760	U	<	770	U	<	740	U
2,4-Dinitrotoluene	<	420	U	<	380	U	<	380	U	<	370	U
2,6-Dinitrotoluene	<	420	U	<	380	U	<	380	U	<	370	U
2-Chloronaphthalene	<	420	U	<	380	U	<	380	U	<	370	U
2-Chlorophenol	<	420	U	<	380	U	<	380	U	<	370	U
2-Methylnaphthalene	<	420	U	<	380	U	<	380	U	<	370	U
2-Methylphenol (O-Cresol)	<	420	U	<	380	U	<	380	U	<	370	U
2-Nitroaniline	<	420	U	<	380	U	<	380	U	<	370	U
2-Nitrophenol	<	420	U	<	380	U	<	380	U	<	370	U
3,3'-Dichlorobenzidine	<	850	U	<	760	U	<	770	U	<	740	U
3-Nitroaniline	<	420	U	<	380	U	<	380	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	850	U	<	760	U	<	770	U	<	740	U
4-Bromophenyl Phenyl Ether	<	420	U	<	380	U	<	380	U	<	370	U
4-Chloro-3-Methylphenol	<	420	U	<	380	U	<	380	U	<	370	U
4-Chloroaniline	<	420	U	<	380	U	<	380	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	420	U	<	380	U	<	380	U	<	370	U
4-Methylphenol (P-Cresol)	<	420	U	<	380	U	<	380	U	<	370	U
4-Nitroaniline	<	420	U	<	380	U	<	380	U	<	370	U
4-Nitrophenol	<	850	U	<	760	U	<	770	U	<	740	U
Acenaphthene	<	420	U	<	380	U	<	380	U	<	370	U
Acenaphthylene	<	420	U	<	380	U	<	380	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	420	U	<	380	U	<	380	U	<	370	U
Anthracene	<	420	U	<	380	U	<	380	U	<	370	U
Benzo(a)anthracene	<	420	U	39	380	J	<	380	U	<	370	U
Benzo(a)pyrene	<	420	U	52	380	J	<	380	U	47	370	J
Benzo(b)fluoranthene	<	420	U	55	380	J	<	380	U	46	370	J
Benzo(g,h,i)perylene	<	420	U	<	380	U	<	380	U	<	370	U
Benzo(k)fluoranthene	<	420	U	46	380	J	<	380	U	<	370	U
Benzoic Acid	<	2100	U	<	1900	U	<	1900	U	<	1900	U
Benzyl Alcohol	<	420	U	<	380	U	<	380	U	<	370	U
Benzyl Butyl Phthalate	<	420	U	<	380	U	<	380	U	<	370	U
bis(2-Chloroethoxy) Methane	<	420	U	<	380	U	<	380	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	420	U	<	380	U	<	380	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	420	U	<	380	U	<	380	U	<	370	U
Carbazole	<	420	U	<	380	U	<	380	U	<	370	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)							<	380	U			
Chrysene	<	420	U	51	380	J	<	380	U	43	370	J
Di-N-Butyl Phthalate	<	420	U	<	380	U	<	380	U	<	370	U
Di-N-Octylphthalate	<	420	U	<	380	U	<	380	U	150	370	J
Dibenz(a,h)anthracene	<	420	U	<	380	U	<	380	U	<	370	U
Dibenzofuran	<	420	U	<	380	U	<	380	U	<	370	U
Diethyl Phthalate	<	420	U	<	380	U	<	380	U	<	370	U
Dimethyl Propanedioic	<	420	U	<	380	U	<	380	U	<	370	U
Fluoranthene	<	420	U	69	380	J	<	380	U	67	370	J
Fluorene	<	420	U	<	380	U	<	380	U	<	370	U
Hexachlorobenzene	<	420	U	<	380	U	<	380	U	<	370	U
Hexachlorobutadiene	<	420	U	<	380	U	<	380	U	<	370	U
Hexachlorocyclopentadiene	<	420	U	<	380	U	<	380	U	<	370	U
Hexachloroethane	<	420	U	<	380	U	<	380	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB04-003			CAG-SB04-006			CAG-SB04-206			CAG-SB04-011		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	420	U	<	380	U	<	380	U	<	370	U
Isophorone	<	420	U	<	380	U	<	380	U	<	370	U
N-Nitrosodi-N-Propylamine	<	420	U	<	380	U	<	380	U	<	370	U
N-Nitrosodiphenylamine	<	420	U	<	380	U	<	380	U	<	370	U
Naphthalene	<	420	U	<	380	U	<	380	U	<	370	U
Nitrobenzene	<	420	U	<	380	U	<	770	U	<	370	U
Pentachlorophenol	<	850	U	<	760	U	<	380	U	<	740	U
Phenanthrene	<	420	U	<	380	U	<	380	U	<	370	U
Phenol	<	420	U	<	380	U	<	380	U	<	370	U
Pyrene	<	420	U	49	380	J				53	370	J
PESTICIDES/PCB (µg/kg)							<	0.39	U			
Aldrin	<	0.43	U	<	0.39	U	<	0.39	U	<	0.38	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	0.43	U	<	0.39	U	<	0.39	U	<	0.38	U
Alpha Endosulfan	<	0.43	U	<	0.39	U	<	0.39	U	<	0.38	U
Alpha-Chlordane	<	0.43	U	<	0.39	U	<	0.39	U	<	0.38	U
Beta BHC (Beta Hexachlorocyclohexane)	<	0.43	U	<	0.39	U	<	0.76	U	<	0.38	U
Beta Endosulfan	<	0.84	U	<	0.75	U	<	76	U	<	0.73	U
Chlordane	<	84	U	<	75	U	<	0.76	U	<	73	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	0.84	U	<	0.75	U	<	0.76	U	<	0.73	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	0.84	U	<	0.75	U	<	0.76	U	<	0.73	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	0.84	U	<	0.75	U	<	0.39	U	<	0.73	U
Delta BHC (Delta Hexachlorocyclohexane)	<	0.43	U	<	0.39	U	<	0.76	U	<	0.38	U
Dieldrin	<	0.84	U	<	0.75	U	<	0.76	U	<	0.73	U
Endosulfan Sulfate	<	0.84	U	<	0.75	U	<	0.76	U	<	0.73	U
Endrin	<	0.84	U	<	0.75	U	<	0.76	U	<	0.73	U
Endrin Aldehyde	<	0.84	U	<	0.75	U	<	0.76	U	<	0.73	U
Endrin Ketone	<	0.84	U	<	0.75	U	<	0.39	U	<	0.73	U
Gamma BHC (Lindane)	<	0.43	U	<	0.39	U	<	0.39	U	<	0.38	U
Gamma-Chlordane	<	0.43	U	<	0.39	U	<	0.39	U	<	0.38	U
Heptachlor	<	0.43	U	<	0.39	U	<	0.39	U	<	0.38	U
Heptachlor Epoxide	<	0.43	U	<	0.39	U	<	3.9	U	<	0.38	U
Methoxychlor	<	4.3	U	<	3.9	U	<	7.6	U	<	3.8	U
PESTICIDES/PCB (µg/kg)							<	7.6	U			
PCB-1016 (Arochlor 1016)	<	8.4	U	<	7.5	U	<	7.6	U	<	7.3	U
PCB-1221 (Arochlor 1221)	<	8.4	U	<	7.5	U	<	7.6	U	<	7.3	U
PCB-1232 (Arochlor 1232)	<	8.4	U	<	7.5	U	<	7.6	U	<	7.3	U
PCB-1242 (Arochlor 1242)	<	8.4	U	<	7.5	U	<	7.6	U	<	7.3	U
PCB-1248 (Arochlor 1248)	<	8.4	U	<	7.5	U	<	7.6	U	<	7.3	U
PCB-1254 (Arochlor 1254)	<	8.4	U	<	7.5	U	<	39	U	<	7.3	U
PCB-1260 (Arochlor 1260)	<	8.4	U	<	7.5	U				<	7.3	U
TOXaphene	<	43	U	<	39	U	<	3.5	U	<	38	U
HERBICIDES (µg/kg)							<	3.1	U			
2,4 Db	<	3.8	U	<	3.4	U	<	3.5	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	3.4	U	<	3	U	<	6.1	U	<	3	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.8	U	<	3.4	U	<	6.1	U	<	3.3	U
Dalapon	<	6.8	U	<	6.1	U	<	3.5	U	<	5.9	U
Dicamba	<	6.8	U	<	6.1	U	<	770	U	<	5.9	U
Dichloroprop	<	3.8	U	<	3.4	U	<	1500	U	<	3.3	U
Dinoseb	<	6.8	U	<	6.1	U	<	3.1	U	<	5.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB04-003			CAG-SB04-006			CAG-SB04-206			CAG-SB04-011		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	850	U	<	760	U				<	740	U
Mcpp	<	1700	U	<	1500	U	<	12	U	<	1500	U
Silvex (2,4,5-Tp)	<	3.4	U	<	3	U	<	29	U	<	3	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	<	13	U	<	11	U	11600	21		<	11	U
Phc As Diesel Fuel	<	32		<	29		<	6.2	U	<	28	
METALS (mg/kg)							2.1	2.2				
Aluminum	15400	23		11300	20		1480	21		9270	20	
Antimony	<	6.9	U	<	6	U	0.56	0.52		<	6.1	U
Arsenic	2.9	2.4		2	2.3	J	<	0.52	U	1.9	2.1	J
Barium	247	23		1250	20		183000	5200		257	20	
Beryllium	0.75	0.57		0.62	0.5		18.8	1		0.42	0.51	J
Cadmium	<	0.57	U	<	0.5	U	2.6	5.2		<	0.51	U
Calcium	140000	5700		174000	5000		4.2	2.6		156000	5100	
Chromium, Total	20.6	1.1		17.9	1		6520	10		16.5	1	
Cobalt	4	5.7	J	3.1	5	J	4.2	11		2.9	5.1	J
Copper	8.1	2.9		4.3	2.5		5020	520		2.7	2.5	
Iron	10700	11		6510	10		68.9	1.6		5490	10	
Lead	6.2	10	J	4.2	10	J	0.06	0.2		3.4	10	J
Magnesium	4110	570		5110	500		7.1	4.1		3650	510	
Manganese	131	1.7		72	1.5		1770	520		64.4	1.5	
Mercury	0.41	0.24		0.07	0.2	J	<	5.6	U	0.04	0.2	J
Nickel	10.4	4.6		7	4		<	1	U	5.6	4	
Potassium	2400	570		1760	500		211	520		1750	510	
Selenium	<	6	U	<	5.7	U	<	1.1	U	<	5.2	U
Silver	<	1.1	U	<	1	U	18.5	5.2		<	1	U
Sodium	138	570	J	221	500	J	19.6	2.1	E	210	510	J
Thallium	<	1		<	1	U				<	1	U
Vanadium	24.3	5.7		18.8	5					16.4	5.1	
Zinc	29.8	2.3	E	19.4	2	E				16	2	E

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB04-021			CAG-SB04-031			CAG-SB04-041			CAG-SB05-002		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	19	U	<	18	U	<	18	U	<	18	U
Acetone	<	54	U	<	82	U	<	85	U	<	42	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	19	U	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	19	U	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	32	U	<	34	U	<	11	U	<	12	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
1,2-Dichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
1,2-Diphenylhydrazine	<	370	U	<	360	U	<	360	U	<	370	U
1,3-Dichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
1,4-Dichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	370	U	<	360	U	<	360	U	<	370	U
2,4,5-Trichlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2,4,6-Trichlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2,4-Dichlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2,4-Dimethylphenol	<	370	U	<	360	U	<	360	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB04-021			CAG-SB04-031			CAG-SB04-041			CAG-SB05-002		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	750	U	<	710	U	<	720	U	<	730	U
2,4-Dinitrotoluene	<	370	U	<	360	U	<	360	U	<	370	U
2,6-Dinitrotoluene	<	370	U	<	360	U	<	360	U	<	370	U
2-Chloronaphthalene	<	370	U	<	360	U	<	360	U	<	370	U
2-Chlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2-Methylnaphthalene	<	370	U	<	360	U	<	360	U	<	370	U
2-Methylphenol (O-Cresol)	<	370	U	<	360	U	<	360	U	<	370	U
2-Nitroaniline	<	370	U	<	360	U	<	360	U	<	370	U
2-Nitrophenol	<	370	U	<	360	U	<	360	U	<	370	U
3,3'-Dichlorobenzidine	<	750	U	<	710	U	<	720	U	<	730	U
3-Nitroaniline	<	370	U	<	360	U	<	360	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	750	U	<	710	U	<	720	U	<	730	U
4-Bromophenyl Phenyl Ether	<	370	U	<	360	U	<	360	U	<	370	U
4-Chloro-3-Methylphenol	<	370	U	<	360	U	<	360	U	<	370	U
4-Chloroaniline	<	370	U	<	360	U	<	360	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	370	U	<	360	U	<	360	U	<	370	U
4-Methylphenol (P-Cresol)	<	370	U	<	360	U	<	360	U	<	370	U
4-Nitroaniline	<	370	U	<	360	U	<	360	U	<	370	U
4-Nitrophenol	<	750	U	<	710	U	<	720	U	<	730	U
Acenaphthene	<	370	U	<	360	U	<	360	U	<	370	U
Acenaphthylene	<	370	U	<	360	U	<	360	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	370	U	<	360	U	<	360	U	<	370	U
Anthracene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(a)anthracene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(a)pyrene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(b)fluoranthene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(g,h,i)perylene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(k)fluoranthene	<	370	U	<	360	U	<	360	U	<	370	U
Benzoic Acid	<	1900	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	370	U	<	360	U	<	360	U	<	370	U
Benzyl Butyl Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
bis(2-Chloroethoxy) Methane	<	370	U	<	360	U	<	360	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	370	U	<	360	U	<	360	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
Carbazole	<	370	U	<	360	U	<	360	U	<	370	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
Chrysene	<	370	U	<	360	U	<	360	U	<	370	U
Di-N-Butyl Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
Di-N-Octylphthalate	<	370	U	<	360	U	<	360	U	<	370	U
Dibenz(a,h)anthracene	<	370	U	<	360	U	<	360	U	<	370	U
Dibenzofuran	<	370	U	<	360	U	<	360	U	<	370	U
Diethyl Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
Dimethyl Propanedioic	<	370	U	<	360	U	<	360	U	<	370	U
Fluoranthene	<	370	U	<	360	U	<	360	U	<	370	U
Fluorene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachlorobutadiene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachlorocyclopentadiene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachloroethane	<	370	U	<	360	U	<	360	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB04-021			CAG-SB04-031			CAG-SB04-041			CAG-SB05-002		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	370	U	<	360	U	<	360	U	<	370	U
Isophorone	<	370	U	<	360	U	<	360	U	<	370	U
N-Nitrosodi-N-Propylamine	<	370	U	<	360	U	<	360	U	<	370	U
N-Nitrosodiphenylamine	<	370	U	<	360	U	<	360	U	<	370	U
Naphthalene	<	370	U	<	360	U	<	360	U	<	370	U
Nitrobenzene	<	370	U	<	360	U	<	360	U	<	370	U
Pentachlorophenol	<	750	U	<	710	U	<	720	U	<	730	U
Phenanthrene	<	370	U	<	360	U	<	360	U	<	370	U
Phenol	<	370	U	<	360	U	<	360	U	<	370	U
Pyrene	<	370	U	<	360	U	<	360	U	<	370	U
PESTICIDES/PCB (µg/kg)												
Aldrin	<	0.38	U	<	0.36	U	<	0.37	U	<	0.37	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	0.38	U	<	0.36	U	<	0.37	U	<	0.37	U
Alpha Endosulfan	<	0.38	U	<	0.36	U	<	0.37	U	<	0.37	U
Alpha-Chlordane	<	0.38	U	<	0.36	U	<	0.37	U	<	0.37	U
Beta BHC (Beta Hexachlorocyclohexane)	<	0.38	U	<	0.36	U	<	0.37	U	<	0.37	U
Beta Endosulfan	<	0.74	U	<	0.71	U	<	0.71	U	<	0.73	U
Chlordane	<	74	U	<	71	U	<	71	U	<	73	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	0.74	U	<	0.71	U	<	0.71	U	<	0.73	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	0.74	U	<	0.71	U	<	0.71	U	<	0.73	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	0.74	U	<	0.71	U	<	0.71	U	<	0.73	U
Delta BHC (Delta Hexachlorocyclohexane)	<	0.38	U	<	0.36	U	<	0.37	U	<	0.37	U
Dieldrin	<	0.74	U	<	0.71	U	<	0.71	U	<	0.73	U
Endosulfan Sulfate	<	0.74	U	<	0.71	U	<	0.71	U	<	0.73	U
Endrin	<	0.74	U	<	0.71	U	<	0.71	U	<	0.73	U
Endrin Aldehyde	<	0.74	U	<	0.71	U	<	0.71	U	<	0.73	U
Endrin Ketone	<	0.74	U	<	0.71	U	<	0.71	U	<	0.73	U
Gamma BHC (Lindane)	<	0.38	U	<	0.36	U	<	0.37	U	<	0.37	U
Gamma-Chlordane	<	0.38	U	<	0.36	U	<	0.37	U	<	0.37	U
Heptachlor	<	0.38	U	<	0.36	U	<	0.37	U	<	0.37	U
Heptachlor Epoxide	<	0.38	U	<	0.36	U	<	0.37	U	<	0.37	U
Methoxychlor	<	3.8	U	<	3.6	U	<	3.7	U	<	3.7	U
PESTICIDES/PCB (µg/kg)												
PCB-1016 (Arochlor 1016)	<	7.4	U	<	7.1	U	<	7.1	U	<	7.3	U
PCB-1221 (Arochlor 1221)	<	7.4	U	<	7.1	U	<	7.1	U	<	7.3	U
PCB-1232 (Arochlor 1232)	<	7.4	U	<	7.1	U	<	7.1	U	<	7.3	U
PCB-1242 (Arochlor 1242)	<	7.4	U	<	7.1	U	<	7.1	U	<	7.3	U
PCB-1248 (Arochlor 1248)	<	7.4	U	<	7.1	U	<	7.1	U	<	7.3	U
PCB-1254 (Arochlor 1254)	<	7.4	U	<	7.1	U	<	7.1	U	<	7.3	U
PCB-1260 (Arochlor 1260)	<	7.4	U	<	7.1	U	<	7.1	U	<	7.3	U
TOXaphene	<	38	U	<	36	U	<	37	U	<	37	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.4	U	<	3.2	U	<	3.2	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	3	U	<	2.8	U	<	2.9	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.4	U	<	3.2	U	<	3.2	U	<	3.3	U
Dalapon	<	6	U	<	5.7	U	<	5.8	U	<	5.9	U
Dicamba	<	6	U	<	5.7	U	<	5.8	U	<	5.9	U
Dichloroprop	<	3.4	U	<	3.2	U	<	3.2	U	<	3.3	U
Dinoseb	<	6	U	<	5.7	U	<	5.8	U	<	5.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB04-021			CAG-SB04-031			CAG-SB04-041			CAG-SB05-002		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	750	U	<	710	U	<	720	U	<	730	U
Mcpp	<	1500	U	<	1400	U	<	1400	U	<	1500	U
Silvex (2,4,5-Tp)	<	3	U	<	2.8	U	<	2.9	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	<	11	U	<	11	U	<	11	U	<	11	U
Phc As Diesel Fuel	<	28		<	27		<	27		<	28	
METALS (mg/kg)												
Aluminum	5840	21		3570	20		4170	21		21300	21	
Antimony	<	6.3	U	<	6	U	<	6.2	U	<	6.2	U
Arsenic	1.6	2.1	J	1.2	2	J	1.3	1.9	J	2.9	1.7	
Barium	296	21		835	20		120	21		112	21	
Beryllium	0.24	0.53	J	0.18	0.5	J	0.19	0.51	J	0.94	0.51	
Cadmium	<	0.53	U	<	0.5		<	0.51	U	0.61	0.51	
Calcium	225000	5300		65500	5000		108000	5100		4300	510	
Chromium, Total	19	1.1		7	1		14.5	1		15.4	1	
Cobalt	2	5.3	J	1	5	J	1.3	5.1	J	6.3	5.1	
Copper	1.8	2.6	J	<	2.5		2	2.6	J	10.3	2.6	
Iron	3060	11		2970	10		2950	10		15400	10	
Lead	1.6	11	J	1.6	10	J	1.8	9.5	J	12.2	19	J
Magnesium	8090	530		2750	500		4660	510		3120	510	
Manganese	31.5	1.6		34.8	1.5		32	1.5		250	1.5	
Mercury	<	0.22	U	0.04	0.15	J	<	0.16	U	<	0.22	U
Nickel	4.2	4.2		2.7	4	J	3.5	4.1	J	13.4	4.1	
Potassium	954	530		748	500		795	510		3240	510	
Selenium	<	5.3	U	<	4.9	U	<	4.7	U	<	4.1	U
Silver	<	1.1	U	<	1	U	<	1	U	<	1	U
Sodium	217	530	J	131	500	J	149	510	J	331	510	J
Thallium	<	1.1	U	<	1	U	<	0.95	U	<	0.95	U
Vanadium	14.5	5.3		7	5		8.5	5.1		32.6	5.1	
Zinc	9.3	2.1	E	6.7	2	E	9.1	2.1	E	42.6	2.1	E

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB05-202			CAG-SB05-005			CAG-SB05-010			CAG-SB05-020		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	12	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	12	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	21	U	<	19	U	<	18	U	<	19	U
Acetone	<	95	U	<	58	U	<	18	U	<	19	U
Benzene	<	12	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	12	U	<	11	U	<	11	U	<	11	U
Bromoform	<	12	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	12	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	12	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	12	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	12	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	12	U	<	11	U	<	11	U	<	11	U
Chloroform	<	12	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	12	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	12	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	12	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	12	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	12	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	12	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	21	U	<	19	U	<	18	U	<	19	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	21	U	<	19	U	<	18	U	<	19	U
Methylene Chloride	<	14	U	<	12	U	<	13	U	<	14	U
O-Xylene (1,2-Dimethylbenzene)	<	12	U	<	11	U	<	11	U	<	11	U
Styrene	<	12	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	12	U	<	11	U	<	11	U	<	11	U
Toluene	<	12	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	12	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	12	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	12	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	12	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	420	U	<	380	U	<	360	U	<	370	U
1,2-Dichlorobenzene	<	420	U	<	380	U	<	360	U	<	370	U
1,2-Diphenylhydrazine	<	420	U	<	380	U	<	360	U	<	370	U
1,3-Dichlorobenzene	<	420	U	<	380	U	<	360	U	<	370	U
1,4-Dichlorobenzene	<	420	U	<	380	U	<	360	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	420	U	<	380	U	<	360	U	<	370	U
2,4,5-Trichlorophenol	<	420	U	<	380	U	<	360	U	<	370	U
2,4,6-Trichlorophenol	<	420	U	<	380	U	<	360	U	<	370	U
2,4-Dichlorophenol	<	420	U	<	380	U	<	360	U	<	370	U
2,4-Dimethylphenol	<	420	U	<	380	U	<	360	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB05-202			CAG-SB05-005			CAG-SB05-010			CAG-SB05-020		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	830	U			U	<	730	U	<	740	U
2,4-Dinitrotoluene	<	420	U	<	380	U	<	360	U	<	370	U
2,6-Dinitrotoluene	<	420	U	<	380	U	<	360	U	<	370	U
2-Chloronaphthalene	<	420	U	<	380	U	<	360	U	<	370	U
2-Chlorophenol	<	420	U	<	380	U	<	360	U	<	370	U
2-Methylnaphthalene	<	420	U	<	380	U	<	360	U	<	370	U
2-Methylphenol (O-Cresol)	<	420	U	<	380	U	<	360	U	<	370	U
2-Nitroaniline	<	420	U	<	380	U	<	360	U	<	370	U
2-Nitrophenol	<	420	U	<	380	U	<	360	U	<	370	U
3,3'-Dichlorobenzidine	<	830	U	<	760	U	<	730	U	<	740	U
3-Nitroaniline	<	420	U	<	380	U	<	360	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	830	U	<	760	U	<	730	U	<	740	U
4-Bromophenyl Phenyl Ether	<	420	U	<	380	U	<	360	U	<	370	U
4-Chloro-3-Methylphenol	<	420	U	<	380	U	<	360	U	<	370	U
4-Chloroaniline	<	420	U	<	380	U	<	360	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	420	U	<	380	U	<	360	U	<	370	U
4-Methylphenol (P-Cresol)	<	420	U	<	380	U	<	360	U	<	370	U
4-Nitroaniline	<	420	U	<	380	U	<	360	U	<	370	U
4-Nitrophenol	<	830	U	<	760	U	<	730	U	<	740	U
Acenaphthene	<	420	U	<	380	U	<	360	U	<	370	U
Acenaphthylene	<	420	U	<	380	U	<	360	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	420	U	<	380	U	<	360	U	<	370	U
Anthracene	<	420	U	<	380	U	<	360	U	<	370	U
Benzo(a)anthracene	<	420	U	<	380	U	<	360	U	<	370	U
Benzo(a)pyrene	<	420	U	<	380	U	<	360	U	<	370	U
Benzo(b)fluoranthene	<	420	U	<	380	U	<	360	U	<	370	U
Benzo(g,h,i)perylene	<	420	U	<	380	U	<	360	U	<	370	U
Benzo(k)fluoranthene	<	420	U	<	380	U	<	360	U	<	370	U
Benzoic Acid	<	2100	U	<	1900	U	<	1800	U	<	1900	U
Benzyl Alcohol	<	420	U	<	380	U	<	360	U	<	370	U
Benzyl Butyl Phthalate	<	420	U	<	380	U	<	360	U	<	370	U
bis(2-Chloroethoxy) Methane	<	420	U	<	380	U	<	360	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	420	U	<	380	U	<	360	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	420	U	<	380	U	<	360	U	<	370	U
Carbazole	<	420	U	<	380	U	<	360	U	<	370	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)	<	420	U									
Chrysene	<	420	U	<	380	U	<	360	U	<	370	U
Di-N-Butyl Phthalate	<	420	U	<	380	U	<	360	U	<	370	U
Di-N-Octylphthalate	<	420	U	<	380	U	<	360	U	<	370	U
Dibenz(a,h)anthracene	<	420	U	<	380	U	<	360	U	<	370	U
Dibenzofuran	<	420	U	<	380	U	<	360	U	<	370	U
Diethyl Phthalate	<	420	U	<	380	U	<	360	U	<	370	U
Dimethyl Propanedioic	<	420	U	<	380	U	<	360	U	<	370	U
Fluoranthene	<	420	U	<	380	U	<	360	U	<	370	U
Fluorene	<	420	U	<	380	U	<	360	U	<	370	U
Hexachlorobenzene	<	420	U	<	380	U	<	360	U	<	370	U
Hexachlorobutadiene	<	420	U	<	380	U	<	360	U	<	370	U
Hexachlorocyclopentadiene	<	420	U	<	380	U	<	360	U	<	370	U
Hexachloroethane	<	420	U	<	380	U	<	360	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB05-202			CAG-SB05-005			CAG-SB05-010			CAG-SB05-020		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	420	U	<	380	U	<	360	U	<	370	U
Isophorone	<	420	U	<	380	U	<	360	U	<	370	U
N-Nitrosodi-N-Propylamine	<	420	U	<	380	U	<	360	U	<	370	U
N-Nitrosodiphenylamine	<	420	U	<	380	U	<	360	U	<	370	U
Naphthalene	<	420	U	<	380	U	<	360	U	<	370	U
Nitrobenzene	<	830	U	<	380	U	<	360	U	<	370	U
Pentachlorophenol	<	420	U	<	760	U	<	730	U	<	740	U
Phenanthrene	<	420	U	<	380	U	<	360	U	<	370	U
Phenol	<	420	U	<	380	U	<	360	U	<	370	U
Pyrene				<	380	U	<	360	U	<	370	U
PESTICIDES/PCB (µg/kg)	<	0.42	U									
Aldrin	<	0.42	U	<	0.39	U	<	3.7	U	<	3.8	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	0.42	U	<	0.39	U	<	3.7	U	<	3.8	U
Alpha Endosulfan	<	0.42	U	<	0.39	U	<	3.7	U	<	3.8	U
Alpha-Chlordane	<	0.42	U	<	0.39	U	<	3.7	U	<	3.8	U
Beta BHC (Beta Hexachlorocyclohexane)	<	0.82	U	<	0.39	U	<	3.7	U	<	3.8	U
Beta Endosulfan	<	82	U	<	0.75	U	<	7.2	U	<	7.3	U
Chlordane	<	0.82	U	<	75	U	<	720	U	<	730	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	0.82	U	<	0.75	U	<	7.2	U	<	7.3	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	0.82	U	<	0.75	U	<	7.2	U	<	7.3	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	0.42	U	<	0.75	U	<	7.2	U	<	7.3	U
Delta BHC (Delta Hexachlorocyclohexane)	<	0.82	U	<	0.39	U	<	3.7	U	<	3.8	U
Dieldrin	<	0.82	U	<	0.75	U	<	7.2	U	<	7.3	U
Endosulfan Sulfate	<	0.82	U	<	0.75	U	<	7.2	U	<	7.3	U
Endrin	<	0.82	U	<	0.75	U	<	7.2	U	<	7.3	U
Endrin Aldehyde	<	0.82	U	<	0.75	U	<	7.2	U	<	7.3	U
Endrin Ketone	<	0.42	U	<	0.75	U	<	7.2	U	<	7.3	U
Gamma BHC (Lindane)	<	0.42	U	<	0.39	U	<	3.7	U	<	3.8	U
Gamma-Chlordane	<	0.42	U	<	0.39	U	<	3.7	U	<	3.8	U
Heptachlor	<	0.42	U	<	0.39	U	<	3.7	U	<	3.8	U
Heptachlor Epoxide	<	4.2	U	<	0.39	U	<	3.7	U	<	3.8	U
Methoxychlor	<	8.2	U	<	3.9	U	<	37	U	<	38	U
PESTICIDES/PCB (µg/kg)	<	8.2	U									
PCB-1016 (Arochlor 1016)	<	8.2	U	<	7.5	U	<	72	U	<	73	U
PCB-1221 (Arochlor 1221)	<	8.2	U	<	7.5	U	<	72	U	<	73	U
PCB-1232 (Arochlor 1232)	<	8.2	U	<	7.5	U	<	72	U	<	73	U
PCB-1242 (Arochlor 1242)	<	8.2	U	<	7.5	U	<	72	U	<	73	U
PCB-1248 (Arochlor 1248)	<	8.2	U	<	7.5	U	<	72	U	<	73	U
PCB-1254 (Arochlor 1254)	<	42	U	<	7.5	U	<	72	U	<	73	U
PCB-1260 (Arochlor 1260)				<	7.5	U	<	72	U	<	73	U
TOXaphene	<	3.7	U	<	39	U	<	370	U	<	380	U
HERBICIDES (µg/kg)	<	3.3	U									
2,4 Db	<	3.7	U	<	3.4	U	<	3.3	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	6.6	U	<	3	U	<	2.9	U	<	3	U
2,4-D (Dichlorophenoxyacetic Acid)	<	6.6	U	<	3.4	U	<	3.3	U	<	3.3	U
Dalapon	<	3.7	U	<	6.1	U	<	5.8	U	<	5.9	U
Dicamba	<	830	U	<	6.1	U	<	5.8	U	<	5.9	U
Dichloroprop	<	1700	U	<	3.4	U	<	3.3	U	<	3.3	U
Dinoseb	<	3.3	U	<	6.1	U	<	5.8	U	<	5.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB05-202			CAG-SB05-005			CAG-SB05-010			CAG-SB05-020		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa				<	760	U	<	730	U	<	740	U
Mcpp	<	12	U	<	1500	U	<	1500	U	800	1500	U
Silvex (2,4,5-Tp)	<	31	U	<	3	U	<	2.9	U	<	3	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	23300	23		<	11	U	<	5.5	U	<	5.6	U
Phc As Diesel Fuel	<	6.8	U	<	28		<	27		<	28	
METALS (mg/kg)	3.1	2.1										
Aluminum	121	23		8590	20		10400	21		5970	20	
Antimony	1.1	0.57		<	6.1	U	<	6.2	U	<	6.1	U
Arsenic	0.65	0.57		2.2	2.1		2.3	0.97		1.5	0.98	
Barium	4450	570		162	20		177	21		762	20	
Beryllium	16.8	1.1		0.43	0.51	J	0.65	0.52		0.22	0.51	J
Cadmium	7.1	5.7					0.22	0.52	J	0.14	0.51	J
Calcium	11.6	2.8		216000	5100		87400	5200		195000	5100	
Chromium, Total	17500	11		20.1	1		12.1	1		18	1	
Cobalt	10.2	12		2.8	5.1	J	4	5.2	J	2.3	5.1	J
Copper	3480	570		4.2	2.5		4.5	2.6		3.5	2.6	
Iron	284	1.7		5130	10		7070	10		3030	10	
Lead	<	0.25	U	2.7	11	J	6.3	9.7	J	1.6	9.8	J
Magnesium	15.3	4.5		3810	510		4000	520		16900	510	
Manganese	3530	570		51.9	1.5		113	1.6		31.9	1.5	
Mercury	<	5.3	U	0.1	0.18	J	<	0.19	U	<	0.31	U
Nickel	<	1.1	U	5.6	4.1		8.2	4.2		6.7	4.1	
Potassium	360	570		1250	510		1940	520		1090	510	
Selenium	<	1.2	U	<	5.2	U	<	2.4	U	<	2.5	U
Silver	36.7	5.7		<	1	U	<	1	U	<	1	U
Sodium	48.4	2.3	E	273	510	J	351	520	J	289	510	J
Thallium				<	1.1	U	0.28	0.97	J	0.22	0.98	J
Vanadium				15.3	5.1		22.8	5.2		15	5.1	
Zinc				14.7	2	E	19.4	2.1		7.7	2	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB05-030			CAG-SB05-040			CAG-SB06-002			CAG-SB06-005		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	18	U	<	18	U	<	18	U
Acetone	<	18	U	<	40	U	<	18	U	<	18	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	14	U	<	19	U	<	14	U	<	13	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	370	U	<	360	U	<	370	U	<	360	U
1,2-Dichlorobenzene	<	370	U	<	360	U	<	370	U	<	360	U
1,2-Diphenylhydrazine	<	370	U	<	360	U	<	370	U	<	360	U
1,3-Dichlorobenzene	<	370	U	<	360	U	<	370	U	<	360	U
1,4-Dichlorobenzene	<	370	U	<	360	U	<	370	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	370	U	<	360	U	<	370	U	<	360	U
2,4,5-Trichlorophenol	<	370	U	<	360	U	<	370	U	<	360	U
2,4,6-Trichlorophenol	<	370	U	<	360	U	<	370	U	<	360	U
2,4-Dichlorophenol	<	370	U	<	360	U	<	370	U	<	360	U
2,4-Dimethylphenol	<	370	U	<	360	U	<	370	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB05-030			CAG-SB05-040			CAG-SB06-002			CAG-SB06-005		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	740	U	<	720	U	<	730	U	<	720	U
2,4-Dinitrotoluene	<	370	U	<	360	U	<	370	U	<	360	U
2,6-Dinitrotoluene	<	370	U	<	360	U	<	370	U	<	360	U
2-Chloronaphthalene	<	370	U	<	360	U	<	370	U	<	360	U
2-Chlorophenol	<	370	U	<	360	U	<	370	U	<	360	U
2-Methylnaphthalene	<	370	U	<	360	U	<	370	U	<	360	U
2-Methylphenol (O-Cresol)	<	370	U	<	360	U	<	370	U	<	360	U
2-Nitroaniline	<	370	U	<	360	U	<	370	U	<	360	U
2-Nitrophenol	<	370	U	<	360	U	<	370	U	<	360	U
3,3'-Dichlorobenzidine	<	740	U	<	720	U	<	730	U	<	720	U
3-Nitroaniline	<	370	U	<	360	U	<	370	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	740	U	<	720	U	<	730	U	<	720	U
4-Bromophenyl Phenyl Ether	<	370	U	<	360	U	<	370	U	<	360	U
4-Chloro-3-Methylphenol	<	370	U	<	360	U	<	370	U	<	360	U
4-Chloroaniline	<	370	U	<	360	U	<	370	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	370	U	<	360	U	<	370	U	<	360	U
4-Methylphenol (P-Cresol)	<	370	U	<	360	U	<	370	U	<	360	U
4-Nitroaniline	<	370	U	<	360	U	<	370	U	<	360	U
4-Nitrophenol	<	740	U	<	720	U	<	730	U	<	720	U
Acenaphthene	<	370	U	<	360	U	<	370	U	<	360	U
Acenaphthylene	<	370	U	<	360	U	<	370	U	<	360	U
Aniline (Phenylamine, Aminobenzene)	<	370	U	<	360	U	<	370	U	<	360	U
Anthracene	<	370	U	<	360	U	<	370	U	<	360	U
Benzo(a)anthracene	<	370	U	<	360	U	<	370	U	<	360	U
Benzo(a)pyrene	<	370	U	<	360	U	<	370	U	<	360	U
Benzo(b)fluoranthene	<	370	U	<	360	U	<	370	U	<	360	U
Benzo(g,h,i)perylene	<	370	U	<	360	U	<	370	U	<	360	U
Benzo(k)fluoranthene	<	370	U	<	360	U	<	370	U	<	360	U
Benzoic Acid	<	1800	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	370	U	<	360	U	<	370	U	<	360	U
Benzyl Butyl Phthalate	<	370	U	<	360	U	<	370	U	<	360	U
bis(2-Chloroethoxy) Methane	<	370	U	<	360	U	<	370	U	<	360	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	370	U	<	360	U	<	370	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	370	U	<	360	U	<	370	U	<	360	U
Carbazole	<	370	U	<	360	U	<	370	U	<	360	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
Chrysene	<	370	U	<	360	U	<	370	U	<	360	U
Di-N-Butyl Phthalate	<	370	U	<	360	U	<	370	U	<	360	U
Di-N-Octylphthalate	<	370	U	<	360	U	<	370	U	<	360	U
Dibenz(a,h)anthracene	<	370	U	<	360	U	<	370	U	<	360	U
Dibenzofuran	<	370	U	<	360	U	<	370	U	<	360	U
Diethyl Phthalate	<	370	U	<	360	U	<	370	U	<	360	U
Dimethyl Propanedioic	<	370	U	<	360	U	<	370	U	<	360	U
Fluoranthene	<	370	U	<	360	U	<	370	U	<	360	U
Fluorene	<	370	U	<	360	U	<	370	U	<	360	U
Hexachlorobenzene	<	370	U	<	360	U	<	370	U	<	360	U
Hexachlorobutadiene	<	370	U	<	360	U	<	370	U	<	360	U
Hexachlorocyclopentadiene	<	370	U	<	360	U	<	370	U	<	360	U
Hexachloroethane	<	370	U	<	360	U	<	370	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB05-030			CAG-SB05-040			CAG-SB06-002			CAG-SB06-005		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	370	U	<	360	U	<	370	U	<	360	U
Isophorone	<	370	U	<	360	U	<	370	U	<	360	U
N-Nitrosodi-N-Propylamine	<	370	U	<	360	U	<	370	U	<	360	U
N-Nitrosodiphenylamine	<	370	U	<	360	U	<	370	U	<	360	U
Naphthalene	<	370	U	<	360	U	<	370	U	<	360	U
Nitrobenzene	<	370	U	<	360	U	<	370	U	<	360	U
Pentachlorophenol	<	740	U	<	720	U	<	730	U	<	720	U
Phenanthrene	<	370	U	<	360	U	<	370	U	<	360	U
Phenol	<	370	U	<	360	U	<	370	U	<	360	U
Pyrene	<	370	U	<	360	U	<	370	U	<	360	U
PESTICIDES/PCB (µg/kg)												
Aldrin	<	3.8	U	<	3.7	U	<	3.7	U	<	3.6	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.8	U	<	3.7	U	<	3.7	U	<	3.6	U
Alpha Endosulfan	<	3.8	U	<	3.7	U	<	3.7	U	<	3.6	U
Alpha-Chlordane	<	3.8	U	<	3.7	U	<	3.7	U	<	3.6	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.8	U	<	3.7	U	<	3.7	U	<	3.6	U
Beta Endosulfan	<	7.3	U	<	7.2	U	<	7.2	U	<	7.1	U
Chlordane	<	730	U	<	720	U	<	720	U	<	710	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.3	U	<	7.2	U	<	7.2	U	<	7.1	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.3	U	<	7.2	U	<	7.2	U	<	7.1	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.3	U	<	7.2	U	<	7.2	U	<	7.1	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.8	U	<	3.7	U	<	3.7	U	<	3.6	U
Dieldrin	<	7.3	U	<	7.2	U	<	7.2	U	<	7.1	U
Endosulfan Sulfate	<	7.3	U	<	7.2	U	<	7.2	U	<	7.1	U
Endrin	<	7.3	U	<	7.2	U	<	7.2	U	<	7.1	U
Endrin Aldehyde	<	7.3	U	<	7.2	U	<	7.2	U	<	7.1	U
Endrin Ketone	<	7.3	U	<	7.2	U	<	7.2	U	<	7.1	U
Gamma BHC (Lindane)	<	3.8	U	<	3.7	U	<	3.7	U	<	3.6	U
Gamma-Chlordane	<	3.8	U	<	3.7	U	<	3.7	U	<	3.6	U
Heptachlor	<	3.8	U	<	3.7	U	<	3.7	U	<	3.6	U
Heptachlor Epoxide	<	3.8	U	<	3.7	U	<	3.7	U	<	3.6	U
Methoxychlor	<	38	U	<	37	U	<	37	U	<	36	U
PESTICIDES/PCB (µg/kg)												
PCB-1016 (Arochlor 1016)	<	73	U	<	72	U	<	72	U	<	71	U
PCB-1221 (Arochlor 1221)	<	73	U	<	72	U	<	72	U	<	71	U
PCB-1232 (Arochlor 1232)	<	73	U	<	72	U	<	72	U	<	71	U
PCB-1242 (Arochlor 1242)	<	73	U	<	72	U	<	72	U	<	71	U
PCB-1248 (Arochlor 1248)	<	73	U	<	72	U	<	72	U	<	71	U
PCB-1254 (Arochlor 1254)	<	73	U	<	72	U	<	72	U	<	71	U
PCB-1260 (Arochlor 1260)	<	73	U	<	72	U	<	72	U	<	71	U
TOXaphene	<	380	U	<	370	U	<	370	U	<	360	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.3	U	<	3.3	U	<	3.3	U	<	3.2	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	2.9	U	<	2.9	U	<	2.9	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.3	U	<	3.3	U	<	3.3	U	<	3.2	U
Dalapon	<	5.9	U	<	5.8	U	<	5.8	U	<	5.7	U
Dicamba	<	5.9	U	<	5.8	U	<	5.8	U	<	5.7	U
Dichloroprop	<	3.3	U	<	3.3	U	<	3.3	U	<	3.2	U
Dinoseb	<	5.9	U	<	5.8	U	<	5.8	U	<	5.7	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB05-030			CAG-SB05-040			CAG-SB06-002			CAG-SB06-005		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	740	U	<	720	U	<	730	U	<	710	U
Mcpp	<	1500	U	960	1400	U	<	1500	U	<	1400	U
Silvex (2,4,5-Tp)	<	2.9	U	<	2.9	U	<	2.9	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	<	5.5	U	<	5.4	U	<	5.5	U	<	5.4	U
Phc As Diesel Fuel	<	28		<	27		<	27		<	27	
METALS (mg/kg)												
Aluminum	6610	21		5110	21		20900	20		10100	21	
Antimony	<	6.2	U	<	6.3	U	<	5.9	U	<	6.2	U
Arsenic	1.2	0.99		1.1	0.97		2.5	0.97		2.3	0.96	
Barium	151	21		96.8	21		144	20		329	21	
Beryllium	0.27	0.52	J	0.22	0.52	J	0.94	0.49		0.51	0.52	J
Cadmium	<	0.52	U	0.15	0.52	J	<	0.49	U	0.25	0.52	J
Calcium	138000	5200		75300	5200		5430	490		158000	5200	
Chromium, Total	14.5	1		10.8	1		14.2	0.98		16.9	1	
Cobalt	2	5.2	J	1.5	5.2	J	6.4	4.9		3.8	5.2	J
Copper	2.2	2.6	J	2.8	2.6		10.3	2.5		4.6	2.6	
Iron	3660	10		3520	10		15400	9.8		6560	10	
Lead	2.7	9.9	J	1.9	9.7	J	5.1	19	J	6	9.6	J
Magnesium	8790	520		7240	520		3350	490		3600	520	
Manganese	31.9	1.6		38	1.6		268	1.5		72.1	1.5	
Mercury	<	0.2	U	<	0.2	U	<	0.17	U	<	0.16	U
Nickel	4.8	4.1		4.2	4.2		13.8	3.9		6.5	4.1	
Potassium	1200	520		1020	520		3280	490		1650	520	
Selenium	<	2.5	U	<	2.4	U	<	2.4	U	<	2.4	U
Silver	<	1	U	<	1	U	<	0.98	U	<	1	U
Sodium	240	520	J	168	520	J	189	490	J	202	520	J
Thallium	0.39	0.99	J	0.27	0.97	J	0.43	0.97	J	0.31	0.96	J
Vanadium	12.9	5.2		12.7	5.2		29.4	4.9		18.7	5.2	
Zinc	8	2.1		8.6	2.1		36.5	2		16.7	2.1	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB06-205			CAG-SB06-010			CAG-SB06-020			CAG-SB06-030		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	19	U	<	18	U	<	18	U
Acetone	<	27	U	<	19	U	<	18	U	<	18	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	19	U	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	19	U	<	18	U	<	18	U
Methylene Chloride	<	13	U	<	14	U	<	26	U	<	15	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	370	U	<	360	U	<	360	U
1,2-Dichlorobenzene	<	360	U	<	370	U	<	360	U	<	360	U
1,2-Diphenylhydrazine	<	360	U	<	370	U	<	360	U	<	360	U
1,3-Dichlorobenzene	<	360	U	<	370	U	<	360	U	<	360	U
1,4-Dichlorobenzene	<	360	U	<	370	U	<	360	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	370	U	<	360	U	<	360	U
2,4,5-Trichlorophenol	<	360	U	<	370	U	<	360	U	<	360	U
2,4,6-Trichlorophenol	<	360	U	<	370	U	<	360	U	<	360	U
2,4-Dichlorophenol	<	360	U	<	370	U	<	360	U	<	360	U
2,4-Dimethylphenol	<	360	U	<	370	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB06-205			CAG-SB06-010			CAG-SB06-020			CAG-SB06-030		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	720	U	<	740	U	<	730	U	<	730	U
2,4-Dinitrotoluene	<	360	U	<	370	U	<	360	U	<	360	U
2,6-Dinitrotoluene	<	360	U	<	370	U	<	360	U	<	360	U
2-Chloronaphthalene	<	360	U	<	370	U	<	360	U	<	360	U
2-Chlorophenol	<	360	U	<	370	U	<	360	U	<	360	U
2-Methylnaphthalene	<	360	U	<	370	U	<	360	U	<	360	U
2-Methylphenol (O-Cresol)	<	360	U	<	370	U	<	360	U	<	360	U
2-Nitroaniline	<	360	U	<	370	U	<	360	U	<	360	U
2-Nitrophenol	<	360	U	<	370	U	<	360	U	<	360	U
3,3'-Dichlorobenzidine	<	720	U	<	740	U	<	730	U	<	730	U
3-Nitroaniline	<	360	U	<	370	U	<	360	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	720	U	<	740	U	<	730	U	<	730	U
4-Bromophenyl Phenyl Ether	<	360	U	<	370	U	<	360	U	<	360	U
4-Chloro-3-Methylphenol	<	360	U	<	370	U	<	360	U	<	360	U
4-Chloroaniline	<	360	U	<	370	U	<	360	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	370	U	<	360	U	<	360	U
4-Methylphenol (P-Cresol)	<	360	U	<	370	U	<	360	U	<	360	U
4-Nitroaniline	<	360	U	<	370	U	<	360	U	<	360	U
4-Nitrophenol	<	720	U	<	740	U	<	730	U	<	730	U
Acenaphthene	<	360	U	<	370	U	<	360	U	<	360	U
Acenaphthylene	<	360	U	<	370	U	<	360	U	<	360	U
Aniline (Phenylamine, Aminobenzene)	<	360	U	<	370	U	<	360	U	<	360	U
Anthracene	<	360	U	<	370	U	<	360	U	<	360	U
Benzo(a)anthracene	<	360	U	<	370	U	<	360	U	<	360	U
Benzo(a)pyrene	<	360	U	<	370	U	<	360	U	<	360	U
Benzo(b)fluoranthene	<	360	U	<	370	U	<	360	U	<	360	U
Benzo(g,h,i)perylene	<	360	U	<	370	U	<	360	U	<	360	U
Benzo(k)fluoranthene	<	360	U	<	370	U	<	360	U	<	360	U
Benzoic Acid	<	1800	U	<	1900	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	360	U	<	370	U	<	360	U	<	360	U
Benzyl Butyl Phthalate	<	360	U	<	370	U	<	360	U	<	360	U
bis(2-Chloroethoxy) Methane	<	360	U	<	370	U	<	360	U	<	360	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	360	U	<	370	U	<	360	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	360	U	<	370	U	<	360	U	<	360	U
Carbazole	<	360	U	<	370	U	<	360	U	<	360	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)	<	360	U									
Chrysene	<	360	U	<	370	U	<	360	U	<	360	U
Di-N-Butyl Phthalate	<	360	U	39	370	J	<	360	U	<	360	U
Di-N-Octylphthalate	<	360	U	<	370	U	<	360	U	<	360	U
Dibenz(a,h)anthracene	<	360	U	<	370	U	<	360	U	<	360	U
Dibenzofuran	<	360	U	<	370	U	<	360	U	<	360	U
Diethyl Phthalate	<	360	U	<	370	U	<	360	U	<	360	U
Dimethyl Propanedioic	<	360	U	<	370	U	<	360	U	<	360	U
Fluoranthene	<	360	U	<	370	U	<	360	U	<	360	U
Fluorene	<	360	U	<	370	U	<	360	U	<	360	U
Hexachlorobenzene	<	360	U	<	370	U	<	360	U	<	360	U
Hexachlorobutadiene	<	360	U	<	370	U	<	360	U	<	360	U
Hexachlorocyclopentadiene	<	360	U	<	370	U	<	360	U	<	360	U
Hexachloroethane	<	360	U	<	370	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB06-205			CAG-SB06-010			CAG-SB06-020			CAG-SB06-030		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	360	U	<	370	U	<	360	U	<	360	U
Isophorone	<	360	U	<	370	U	<	360	U	<	360	U
N-Nitrosodi-N-Propylamine	<	360	U	<	370	U	<	360	U	<	360	U
N-Nitrosodiphenylamine	<	360	U	<	370	U	<	360	U	<	360	U
Naphthalene	<	360	U	<	370	U	<	360	U	<	360	U
Nitrobenzene	<	720	U	<	370	U	<	360	U	<	360	U
Pentachlorophenol	<	360	U	<	740	U	<	730	U	<	730	U
Phenanthrene	<	360	U	<	370	U	<	360	U	<	360	U
Phenol	<	360	U	<	370	U	<	360	U	<	360	U
Pyrene				<	370	U	<	360	U	<	360	U
PESTICIDES/PCB (µg/kg)	<	3.7	U									
Aldrin	<	3.7	U	<	3.8	U	<	3.7	U	<	3.7	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.7	U	<	3.8	U	<	3.7	U	<	3.7	U
Alpha Endosulfan	<	3.7	U	<	3.8	U	<	3.7	U	<	3.7	U
Alpha-Chlordane	<	3.7	U	<	3.8	U	<	3.7	U	<	3.7	U
Beta BHC (Beta Hexachlorocyclohexane)	<	7.1	U	<	3.8	U	<	3.7	U	<	3.7	U
Beta Endosulfan	<	710	U	<	7.4	U	<	7.2	U	<	7.2	U
Chlordane	<	7.1	U	<	740	U	<	720	U	<	720	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.1	U	<	7.4	U	<	7.2	U	<	7.2	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.1	U	<	7.4	U	<	7.2	U	<	7.2	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	3.7	U	<	7.4	U	<	7.2	U	<	7.2	U
Delta BHC (Delta Hexachlorocyclohexane)	<	7.1	U	<	3.8	U	<	3.7	U	<	3.7	U
Dieldrin	<	7.1	U	<	7.4	U	<	7.2	U	<	7.2	U
Endosulfan Sulfate	<	7.1	U	<	7.4	U	<	7.2	U	<	7.2	U
Endrin	<	7.1	U	<	7.4	U	<	7.2	U	<	7.2	U
Endrin Aldehyde	<	7.1	U	<	7.4	U	<	7.2	U	<	7.2	U
Endrin Ketone	<	3.7	U	<	7.4	U	<	7.2	U	<	7.2	U
Gamma BHC (Lindane)	<	3.7	U	<	3.8	U	<	3.7	U	<	3.7	U
Gamma-Chlordane	<	3.7	U	<	3.8	U	<	3.7	U	<	3.7	U
Heptachlor	<	3.7	U	<	3.8	U	<	3.7	U	<	3.7	U
Heptachlor Epoxide	<	37	U	<	3.8	U	<	3.7	U	<	3.7	U
Methoxychlor	<	71	U	<	38	U	<	37	U	<	37	U
PESTICIDES/PCB (µg/kg)	<	71	U									
PCB-1016 (Arochlor 1016)	<	71	U	<	74	U	<	72	U	<	72	U
PCB-1221 (Arochlor 1221)	<	71	U	<	74	U	<	72	U	<	72	U
PCB-1232 (Arochlor 1232)	<	71	U	<	74	U	<	72	U	<	72	U
PCB-1242 (Arochlor 1242)	<	71	U	<	74	U	<	72	U	<	72	U
PCB-1248 (Arochlor 1248)	<	71	U	<	74	U	<	72	U	<	72	U
PCB-1254 (Arochlor 1254)	<	370	U	<	74	U	<	72	U	<	72	U
PCB-1260 (Arochlor 1260)				<	74	U	<	72	U	<	72	U
TOXaphene	<	3.2	U	<	380	U	<	370	U	<	370	U
HERBICIDES (µg/kg)	<	2.9	U									
2,4 Db	<	3.2	U	<	3.3	U	<	3.3	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	5.7	U	<	3	U	<	2.9	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	5.7	U	<	3.3	U	<	3.3	U	<	3.3	U
Dalapon	<	3.2	U	<	5.9	U	<	5.8	U	<	5.8	U
Dicamba	<	720	U	<	5.9	U	<	5.8	U	<	5.8	U
Dichloroprop	<	1400	U	<	3.3	U	<	3.3	U	<	3.3	U
Dinoseb	<	2.9	U	<	5.9	U	<	5.8	U	<	5.8	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB06-205			CAG-SB06-010			CAG-SB06-020			CAG-SB06-030		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa				<	740	U	<	730	U	<	730	U
Mcpp	<	5.4	U	<	1500	U	<	1500	U	850	1500	U
Silvex (2,4,5-Tp)	<	27	U	<	3	U	<	2.9	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	13800	20		<	5.6	U	<	5.5	U	<	5.5	U
Phc As Diesel Fuel	<	5.9	U	<	28		<	27		<	27	
METALS (mg/kg)	2.2	0.96										
Aluminum	321	20		16700	21		8280	21		11700	20	
Antimony	0.6	0.49		<	6.2	U	<	6.3	U	<	6	U
Arsenic	0.18	0.49		2.5	0.98		2.4	0.97		1.2	0.98	
Barium	127000	4900		322	21		70.1	21		271	20	
Beryllium	16.7	0.98		0.69	0.52		0.41	0.52	J	0.4	0.5	J
Cadmium	3.7	4.9		0.24	0.52	J	<	0.52	U	<	0.5	U
Calcium	6.2	2.4		80000	5200		43300	520		18200	500	
Chromium, Total	8590	9.8		14.6	1		7.5	1		9.2	1	
Cobalt	6.1	9.6		2.5	5.2	J	2.3	5.2	J	1.9	5	J
Copper	3750	490		3.2	2.6		2.2	2.6	J	3	2.5	
Iron	107	1.5		9620	10		6110	10		7220	10	
Lead	<	0.21	U	6.1	9.8	J	6.6	9.7	J	3.3	9.8	J
Magnesium	8.2	3.9		9470	520		4570	520		10400	500	
Manganese	2200	490		66.2	1.6		77.7	1.6		48.2	1.5	
Mercury	<	2.4	U	<	0.2	U	<	0.21	U	<	0.19	
Nickel	<	0.98	U	9.8	4.1		6	4.2		5.9	4	
Potassium	204	490		3930	520		2120	520		2360	500	
Selenium	0.24	0.96		<	2.4	U	<	2.4	U	<	2.4	
Silver	22.2	4.9		<	1	U	<	1	U	<	1	
Sodium	22	2		575	520		303	520	J	245	500	J
Thallium				0.41	0.98	J	<	0.97	U	0.26	0.98	J
Vanadium				28.4	5.2		23.7	5.2		18.4	5	
Zinc				21.4	2.1		13.8	2.1		13.4	2	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB06-040			CAG-SB07-002			CAG-SB07-005			CAG-SB07-010		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	19	U	<	19	U	<	19	U
Acetone	<	18	U	<	19	U	<	19	U	<	19	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	19	U	<	19	U	<	19	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	19	U	<	19	U	<	19	U
Methylene Chloride	<	13	U	<	15	U	<	14	U	<	14	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	370	U	<	370	U	<	370	U
1,2-Dichlorobenzene	<	360	U	<	370	U	<	370	U	<	370	U
1,2-Diphenylhydrazine	<	360	U	<	370	U	<	370	U	<	370	U
1,3-Dichlorobenzene	<	360	U	<	370	U	<	370	U	<	370	U
1,4-Dichlorobenzene	<	360	U	<	370	U	<	370	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	370	U	<	370	U	<	370	U
2,4,5-Trichlorophenol	<	360	U	<	370	U	<	370	U	<	370	U
2,4,6-Trichlorophenol	<	360	U	<	370	U	<	370	U	<	370	U
2,4-Dichlorophenol	<	360	U	<	370	U	<	370	U	<	370	U
2,4-Dimethylphenol	<	360	U	<	370	U	<	370	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB06-040			CAG-SB07-002			CAG-SB07-005			CAG-SB07-010		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	710	U	<	750	U	<	750	U	<	750	U
2,4-Dinitrotoluene	<	360	U	<	370	U	<	370	U	<	370	U
2,6-Dinitrotoluene	<	360	U	<	370	U	<	370	U	<	370	U
2-Chloronaphthalene	<	360	U	<	370	U	<	370	U	<	370	U
2-Chlorophenol	<	360	U	<	370	U	<	370	U	<	370	U
2-Methylnaphthalene	<	360	U	<	370	U	<	370	U	<	370	U
2-Methylphenol (O-Cresol)	<	360	U	<	370	U	<	370	U	<	370	U
2-Nitroaniline	<	360	U	<	370	U	<	370	U	<	370	U
2-Nitrophenol	<	360	U	<	370	U	<	370	U	<	370	U
3,3'-Dichlorobenzidine	<	710	U	<	750	U	<	750	U	<	750	U
3-Nitroaniline	<	360	U	<	370	U	<	370	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	710	U	<	750	U	<	750	U	<	750	U
4-Bromophenyl Phenyl Ether	<	360	U	<	370	U	<	370	U	<	370	U
4-Chloro-3-Methylphenol	<	360	U	<	370	U	<	370	U	<	370	U
4-Chloroaniline	<	360	U	<	370	U	<	370	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	370	U	<	370	U	<	370	U
4-Methylphenol (P-Cresol)	<	360	U	<	370	U	<	370	U	<	370	U
4-Nitroaniline	<	360	U	<	370	U	<	370	U	<	370	U
4-Nitrophenol	<	710	U	<	750	U	<	750	U	<	750	U
Acenaphthene	<	360	U	<	370	U	<	370	U	<	370	U
Acenaphthylene	<	360	U	<	370	U	<	370	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	360	U	<	370	U	<	370	U	<	370	U
Anthracene	<	360	U	<	370	U	<	370	U	<	370	U
Benzo(a)anthracene	<	360	U	<	370	U	<	370	U	<	370	U
Benzo(a)pyrene	<	360	U	<	370	U	<	370	U	<	370	U
Benzo(b)fluoranthene	<	360	U	<	370	U	<	370	U	<	370	U
Benzo(g,h,i)perylene	<	360	U	<	370	U	<	370	U	<	370	U
Benzo(k)fluoranthene	<	360	U	<	370	U	<	370	U	<	370	U
Benzoic Acid	<	1800	U	<	1900	U	<	1900	U	<	1900	U
Benzyl Alcohol	<	360	U	<	370	U	<	370	U	<	370	U
Benzyl Butyl Phthalate	<	360	U	<	370	U	<	370	U	<	370	U
bis(2-Chloroethoxy) Methane	<	360	U	<	370	U	<	370	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	360	U	<	370	U	<	370	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	360	U	<	370	U	<	370	U	<	370	U
Carbazole	<	360	U	<	370	U	<	370	U	<	370	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
Chrysene	<	360	U	<	370	U	<	370	U	<	370	U
Di-N-Butyl Phthalate	<	360	U	<	370	U	19	370	J	<	370	U
Di-N-Octylphthalate	<	360	U	<	370	U	<	370	U	<	370	U
Dibenz(a,h)anthracene	<	360	U	<	370	U	<	370	U	<	370	U
Dibenzofuran	<	360	U	<	370	U	<	370	U	<	370	U
Diethyl Phthalate	<	360	U	<	370	U	<	370	U	<	370	U
Dimethyl Propanedioic	<	360	U	<	370	U	<	370	U	<	370	U
Fluoranthene	<	360	U	<	370	U	<	370	U	<	370	U
Fluorene	<	360	U	<	370	U	<	370	U	<	370	U
Hexachlorobenzene	<	360	U	<	370	U	<	370	U	<	370	U
Hexachlorobutadiene	<	360	U	<	370	U	<	370	U	<	370	U
Hexachlorocyclopentadiene	<	360	U	<	370	U	<	370	U	<	370	U
Hexachloroethane	<	360	U	<	370	U	<	370	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB06-040			CAG-SB07-002			CAG-SB07-005			CAG-SB07-010		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	360	U	<	370	U	<	370	U	<	370	U
Isophorone	<	360	U	<	370	U	<	370	U	<	370	U
N-Nitrosodi-N-Propylamine	<	360	U	<	370	U	<	370	U	<	370	U
N-Nitrosodiphenylamine	<	360	U	<	370	U	<	370	U	<	370	U
Naphthalene	<	360	U	<	370	U	<	370	U	<	370	U
Nitrobenzene	<	360	U	<	370	U	<	370	U	<	370	U
Pentachlorophenol	<	710	U	<	750	U	<	750	U	<	750	U
Phenanthrene	<	360	U	<	370	U	<	370	U	<	370	U
Phenol	<	360	U	<	370	U	<	370	U	<	370	U
Pyrene	<	360	U	<	370	U	<	370	U	<	370	U
PESTICIDES/PCB (µg/kg)												
Aldrin	<	3.6	U	<	3.8	U	<	3.8	U	<	3.8	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.6	U	<	3.8	U	<	3.8	U	<	3.8	U
Alpha Endosulfan	<	3.6	U	<	3.8	U	<	3.8	U	<	3.8	U
Alpha-Chlordane	<	3.6	U	<	3.8	U	<	3.8	U	<	3.8	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.6	U	<	3.8	U	<	3.8	U	<	3.8	U
Beta Endosulfan	<	7.1	U	<	7.4	U	<	7.4	U	<	7.4	U
Chlordane	<	710	U	<	740	U	<	740	U	<	740	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.1	U	<	7.4	U	<	7.4	U	<	7.4	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.1	U	<	7.4	U	<	7.4	U	<	7.4	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.1	U	<	7.4	U	<	7.4	U	<	7.4	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.6	U	<	3.8	U	<	3.8	U	<	3.8	U
Dieldrin	<	7.1	U	<	7.4	U	<	7.4	U	<	7.4	U
Endosulfan Sulfate	<	7.1	U	<	7.4	U	<	7.4	U	<	7.4	U
Endrin	<	7.1	U	<	7.4	U	<	7.4	U	<	7.4	U
Endrin Aldehyde	<	7.1	U	<	7.4	U	<	7.4	U	<	7.4	U
Endrin Ketone	<	7.1	U	<	7.4	U	<	7.4	U	<	7.4	U
Gamma BHC (Lindane)	<	3.6	U	<	3.8	U	<	3.8	U	<	3.8	U
Gamma-Chlordane	<	3.6	U	<	3.8	U	<	3.8	U	<	3.8	U
Heptachlor	<	3.6	U	<	3.8	U	<	3.8	U	<	3.8	U
Heptachlor Epoxide	<	3.6	U	<	3.8	U	<	3.8	U	<	3.8	U
Methoxychlor	<	36	U	<	38	U	<	38	U	<	38	U
PESTICIDES/PCB (µg/kg)												
PCB-1016 (Arochlor 1016)	<	71	U	<	74	U	<	74	U	<	74	U
PCB-1221 (Arochlor 1221)	<	71	U	<	74	U	<	74	U	<	74	U
PCB-1232 (Arochlor 1232)	<	71	U	<	74	U	<	74	U	<	74	U
PCB-1242 (Arochlor 1242)	<	71	U	<	74	U	<	74	U	<	74	U
PCB-1248 (Arochlor 1248)	<	71	U	<	74	U	<	74	U	<	74	U
PCB-1254 (Arochlor 1254)	<	71	U	<	74	U	<	74	U	<	74	U
PCB-1260 (Arochlor 1260)	<	71	U	<	74	U	<	74	U	<	74	U
TOXaphene	<	360	U	<	380	U	<	380	U	<	380	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.2	U	<	3.4	U	<	3.4	U	<	3.4	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	2.8	U	<	3	U	<	3	U	<	3	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.2	U	<	3.4	U	<	3.4	U	<	3.4	U
Dalapon	<	5.7	U	<	6	U	<	6	U	<	6	U
Dicamba	<	5.7	U	<	6	U	<	6	U	<	6	U
Dichloroprop	<	3.2	U	<	3.4	U	<	3.4	U	<	3.4	U
Dinoseb	<	5.7	U	<	6	U	<	6	U	<	6	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB06-040			CAG-SB07-002			CAG-SB07-005			CAG-SB07-010		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/4/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	710	U	<	750	U	<	750	U	<	750	U
Mcpp	1430	1400	U	<	1500	U	<	1500	U	<	1500	U
Silvex (2,4,5-Tp)	<	2.8	U	<	3	U	<	3	U	<	3	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	<	5.3	U	<	5.6	U	<	5.6	U	<	5.6	U
Phc As Diesel Fuel	<	27		<	28		<	28		<	28	
METALS (mg/kg)												
Aluminum	5540	19		14300	21		10900	19		9230	21	
Antimony	<	5.7	U	<	6.3	U	<	5.8	U	<	6.2	U
Arsenic	0.78	0.95	J	3.4	2		2.6	0.99		1.9	0.82	
Barium	30.1	19		159	21		1280	19		219	21	
Beryllium	0.25	0.48	J	0.84	0.53		0.51	0.49		0.44	0.52	J
Cadmium	<	0.48	U	<	0.53	U	0.2	0.49	J	0.16	0.52	J
Calcium	17700	480		11800	530		133000	4900		175000	5200	
Chromium, Total	5.2	0.95		12	1.1		15.2	0.97		17.3	1	
Cobalt	1.9	4.8	J	6.1	5.3		2.8	4.9	J	3.5	5.2	J
Copper	1.7	2.4	J	9.6	2.6		4.5	2.4		4	2.6	
Iron	4050	9.5		12300	11		7170	9.7		6040	10	
Lead	2.4	9.5	J	14.9	20	J	9.2	9.9	J	4.9	8.2	J
Magnesium	6190	480		2630	530		3550	490		3590	520	
Manganese	52.7	1.4		247	1.6		79.4	1.5		64.2	1.5	
Mercury	<	0.3	U	<	0.22	U	<	0.2	U	<	0.16	U
Nickel	4.2	3.8		12.5	4.2		7.4	3.9		6.8	4.1	
Potassium	1220	480		2500	530		1730	490		1500	520	
Selenium	<	2.4	U	<	2.5	U	<	2.5	U	<	2	U
Silver	<	0.95	U	<	1.1	U	<	0.97	U	<	1	U
Sodium	102	480	J	336	530	J	281	490	J	270	520	J
Thallium	<	0.95	U	0.41	0.99	J	0.32	0.99	J	<	0.82	U
Vanadium	13.3	4.8		24.6	5.3		21	4.9		17.4	5.2	
Zinc	8.9	1.9		29.7	2.1		17.9	1.9		15.3	2.1	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB07-020			CAG-SB07-030			CAG-SB07-040			CAG-SB08-002		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	19	U	<	18	U	<	18	U	<	18	U
Acetone	<	19	U	<	18	U	<	18	U	<	18	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	19	U	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	19	U	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	29	U	<	32	U	<	29	U	<	33	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
1,2-Dichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
1,2-Diphenylhydrazine	<	370	U	<	360	U	<	360	U	<	370	U
1,3-Dichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
1,4-Dichlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	370	U	<	360	U	<	360	U	<	370	U
2,4,5-Trichlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2,4,6-Trichlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2,4-Dichlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2,4-Dimethylphenol	<	370	U	<	360	U	<	360	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB07-020			CAG-SB07-030			CAG-SB07-040			CAG-SB08-002		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	740	U	<	720	U	<	720	U	<	730	U
2,4-Dinitrotoluene	<	370	U	<	360	U	<	360	U	<	370	U
2,6-Dinitrotoluene	<	370	U	<	360	U	<	360	U	<	370	U
2-Chloronaphthalene	<	370	U	<	360	U	<	360	U	<	370	U
2-Chlorophenol	<	370	U	<	360	U	<	360	U	<	370	U
2-Methylnaphthalene	<	370	U	<	360	U	<	360	U	<	370	U
2-Methylphenol (O-Cresol)	<	370	U	<	360	U	<	360	U	<	370	U
2-Nitroaniline	<	370	U	<	360	U	<	360	U	<	370	U
2-Nitrophenol	<	370	U	<	360	U	<	360	U	<	370	U
3,3'-Dichlorobenzidine	<	740	U	<	720	U	<	720	U	<	730	U
3-Nitroaniline	<	370	U	<	360	U	<	360	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	740	U	<	720	U	<	720	U	<	730	U
4-Bromophenyl Phenyl Ether	<	370	U	<	360	U	<	360	U	<	370	U
4-Chloro-3-Methylphenol	<	370	U	<	360	U	<	360	U	<	370	U
4-Chloroaniline	<	370	U	<	360	U	<	360	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	370	U	<	360	U	<	360	U	<	370	U
4-Methylphenol (P-Cresol)	<	370	U	<	360	U	<	360	U	<	370	U
4-Nitroaniline	<	370	U	<	360	U	<	360	U	<	370	U
4-Nitrophenol	<	740	U	<	720	U	<	720	U	<	730	U
Acenaphthene	<	370	U	<	360	U	<	360	U	<	370	U
Acenaphthylene	<	370	U	<	360	U	<	360	U	<	370	U
Aniline (Phenylamine, Aminobenzene)	<	370	U	<	360	U	<	360	U	<	370	U
Anthracene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(a)anthracene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(a)pyrene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(b)fluoranthene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(g,h,i)perylene	<	370	U	<	360	U	<	360	U	<	370	U
Benzo(k)fluoranthene	<	370	U	<	360	U	<	360	U	<	370	U
Benzoic Acid	<	1900	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	370	U	<	360	U	<	360	U	<	370	U
Benzyl Butyl Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
bis(2-Chloroethoxy) Methane	<	370	U	<	360	U	<	360	U	<	370	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	370	U	<	360	U	<	360	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
Carbazole	<	370	U	<	360	U	<	360	U	<	370	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
Chrysene	<	370	U	<	360	U	<	360	U	<	370	U
Di-N-Butyl Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
Di-N-Octylphthalate	<	370	U	<	360	U	<	360	U	<	370	U
Dibenz(a,h)anthracene	<	370	U	<	360	U	<	360	U	<	370	U
Dibenzofuran	<	370	U	<	360	U	<	360	U	<	370	U
Diethyl Phthalate	<	370	U	<	360	U	<	360	U	<	370	U
Dimethyl Propanedioic	<	370	U	<	360	U	<	360	U	<	370	U
Fluoranthene	<	370	U	<	360	U	<	360	U	<	370	U
Fluorene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachlorobenzene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachlorobutadiene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachlorocyclopentadiene	<	370	U	<	360	U	<	360	U	<	370	U
Hexachloroethane	<	370	U	<	360	U	<	360	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB07-020			CAG-SB07-030			CAG-SB07-040			CAG-SB08-002		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	370	U	<	360	U	<	360	U	<	370	U
Isophorone	<	370	U	<	360	U	<	360	U	<	370	U
N-Nitrosodi-N-Propylamine	<	370	U	<	360	U	<	360	U	<	370	U
N-Nitrosodiphenylamine	<	370	U	<	360	U	<	360	U	<	370	U
Naphthalene	<	370	U	<	360	U	<	360	U	<	370	U
Nitrobenzene	<	370	U	<	360	U	<	360	U	<	370	U
Pentachlorophenol	<	740	U	<	720	U	<	720	U	<	730	U
Phenanthrene	<	370	U	<	360	U	<	360	U	<	370	U
Phenol	<	370	U	<	360	U	<	360	U	<	370	U
Pyrene	<	370	U	<	360	U	<	360	U	<	370	U
PESTICIDES/PCB (µg/kg)												
Aldrin	<	3.8	U	<	3.7	U	<	3.7	U	<	3.7	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.8	U	<	3.7	U	<	3.7	U	<	3.7	U
Alpha Endosulfan	<	3.8	U	<	3.7	U	<	3.7	U	<	3.7	U
Alpha-Chlordane	<	3.8	U	<	3.7	U	<	3.7	U	<	3.7	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.8	U	<	3.7	U	<	3.7	U	<	3.7	U
Beta Endosulfan	<	7.3	U	<	7.1	U	<	7.1	U	<	7.3	U
Chlordane	<	730	U	<	710	U	<	710	U	<	730	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.3	U	<	7.1	U	<	7.1	U	<	7.3	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.3	U	<	7.1	U	<	7.1	U	<	7.3	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.3	U	<	7.1	U	<	7.1	U	<	7.3	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.8	U	<	3.7	U	<	3.7	U	<	3.7	U
Dieldrin	<	7.3	U	<	7.1	U	<	7.1	U	<	7.3	U
Endosulfan Sulfate	<	7.3	U	<	7.1	U	<	7.1	U	<	7.3	U
Endrin	<	7.3	U	<	7.1	U	<	7.1	U	<	7.3	U
Endrin Aldehyde	<	7.3	U	<	7.1	U	<	7.1	U	<	7.3	U
Endrin Ketone	<	7.3	U	<	7.1	U	<	7.1	U	<	7.3	U
Gamma BHC (Lindane)	<	3.8	U	<	3.7	U	<	3.7	U	<	3.7	U
Gamma-Chlordane	<	3.8	U	<	3.7	U	<	3.7	U	<	3.7	U
Heptachlor	<	3.8	U	<	3.7	U	<	3.7	U	<	3.7	U
Heptachlor Epoxide	<	3.8	U	<	3.7	U	<	3.7	U	<	3.7	U
Methoxychlor	<	38	U	<	37	U	<	37	U	<	37	U
PESTICIDES/PCB (µg/kg)												
PCB-1016 (Arochlor 1016)	<	73	U	<	71	U	<	71	U	<	73	U
PCB-1221 (Arochlor 1221)	<	73	U	<	71	U	<	71	U	<	73	U
PCB-1232 (Arochlor 1232)	<	73	U	<	71	U	<	71	U	<	73	U
PCB-1242 (Arochlor 1242)	<	73	U	<	71	U	<	71	U	<	73	U
PCB-1248 (Arochlor 1248)	<	73	U	<	71	U	<	71	U	<	73	U
PCB-1254 (Arochlor 1254)	<	73	U	<	71	U	<	71	U	<	73	U
PCB-1260 (Arochlor 1260)	<	73	U	<	71	U	<	71	U	<	73	U
TOXaphene	<	380	U	<	370	U	<	370	U	<	370	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.3	U	<	3.2	U	<	3.2	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	3	U	<	2.9	U	<	2.9	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.3	U	<	3.2	U	<	3.2	U	<	3.3	U
Dalapon	<	5.9	U	<	5.7	U	<	5.8	U	<	5.9	U
Dicamba	<	5.9	U	<	5.7	U	<	5.8	U	<	5.9	U
Dichloroprop	<	3.3	U	<	3.2	U	<	3.2	U	<	3.3	U
Dinoseb	<	5.9	U	<	5.7	U	<	5.8	U	<	5.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB07-020			CAG-SB07-030			CAG-SB07-040			CAG-SB08-002		
COLLECT DATE	5/4/98			5/4/98			5/4/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	740	U	<	720	U	<	720	U	<	730	U
Mcpp	<	1500	U	<	1400	U	<	1400	U	<	1500	U
Silvex (2,4,5-Tp)	<	3	U	<	2.9	U	<	2.9	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
Gasoline Components	<	5.6	U	<	5.4	U	<	5.4	U	<	5.5	U
Phc As Diesel Fuel	<	28		<	27		<	27		<	28	
METALS (mg/kg)												
Aluminum	8450	21		5010	19		4040	21		16100	21	
Antimony	<	6.2	U	<	5.7	U	<	6.4	U	<	6.4	U
Arsenic	1.2	0.98		0.94	0.94		0.54	0.97	J	3.3	1.5	
Barium	557	21		52.3	19		26.2	21		133	21	
Beryllium	0.33	0.51	J	0.18	0.47	J	0.2	0.53	J	0.92	0.53	
Cadmium	<	0.51	U	<	0.47	U	<	0.53	U	<	0.53	U
Calcium	107000	5100		89100	4700		29500	530		2880	530	
Chromium, Total	14.8	1		8.7	0.94		5.2	1.1		12.4	1.1	
Cobalt	2	5.1	J	1.2	4.7	J	1.2	5.3	J	6.1	5.3	
Copper	2.2	2.6	J	1.2	2.4	J	1.3	2.7	J	10.9	2.7	
Iron	4610	10		3200	9.4		2950	11		14100	11	
Lead	3	9.8	J	2	9.4	J	1.7	9.7	J	4.6	15	J
Magnesium	10500	510		4710	470		6210	530		2600	530	
Manganese	38.8	1.5		27.7	1.4		35.1	1.6		278	1.6	
Mercury	<	0.2	U	<	0.21	U	<	0.19	U	<	0.2	U
Nickel	5.7	4.1		2.6	3.8	J	3.5	4.2	J	12.1	4.3	
Potassium	1460	510		1000	470		761	530		2590	530	
Selenium	<	2.5	U	<	2.4	U	<	2.4	U	<	1.9	U
Silver	<	1	U	<	0.94	U	<	1.1	U	<	1.1	U
Sodium	356	510	J	183	470	J	88.4	530	J	49.9	530	J
Thallium	0.41	0.98	J	<	0.94		<	0.97	U	0.45	0.75	J
Vanadium	18.4	5.1		9.5	4.7		10.8	5.3		29.2	5.3	
Zinc	10	2.1		6.7	1.9		6.2	2.1		32.9	2.1	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB08-005			CAG-SB08-010			CAG-SB08-020		
COLLECT DATE	5/5/98			5/5/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)									
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	18	U	<	18	U
Acetone	<	18	U	<	18	U	<	18	U
Benzene	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	23	U	<	27	U	<	24	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)									
1,2,4-Trichlorobenzene	<	350	U	<	350	U	<	360	U
1,2-Dichlorobenzene	<	350	U	<	350	U	<	360	U
1,2-Diphenylhydrazine	<	350	U	<	350	U	<	360	U
1,3-Dichlorobenzene	<	350	U	<	350	U	<	360	U
1,4-Dichlorobenzene	<	350	U	<	350	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	350	U	<	350	U	<	360	U
2,4,5-Trichlorophenol	<	350	U	<	350	U	<	360	U
2,4,6-Trichlorophenol	<	350	U	<	350	U	<	360	U
2,4-Dichlorophenol	<	350	U	<	350	U	<	360	U
2,4-Dimethylphenol	<	350	U	<	350	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB08-005			CAG-SB08-010			CAG-SB08-020		
COLLECT DATE	5/5/98			5/5/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	710	U	<	710	U	<	720	U
2,4-Dinitrotoluene	<	350	U	<	350	U	<	360	U
2,6-Dinitrotoluene	<	350	U	<	350	U	<	360	U
2-Chloronaphthalene	<	350	U	<	350	U	<	360	U
2-Chlorophenol	<	350	U	<	350	U	<	360	U
2-Methylnaphthalene	<	350	U	<	350	U	<	360	U
2-Methylphenol (O-Cresol)	<	350	U	<	350	U	<	360	U
2-Nitroaniline	<	350	U	<	350	U	<	360	U
2-Nitrophenol	<	350	U	<	350	U	<	360	U
3,3'-Dichlorobenzidine	<	710	U	<	710	U	<	720	U
3-Nitroaniline	<	350	U	<	350	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	710	U	<	710	U	<	720	U
4-Bromophenyl Phenyl Ether	<	350	U	<	350	U	<	360	U
4-Chloro-3-Methylphenol	<	350	U	<	350	U	<	360	U
4-Chloroaniline	<	350	U	<	350	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	350	U	<	350	U	<	360	U
4-Methylphenol (P-Cresol)	<	350	U	<	350	U	<	360	U
4-Nitroaniline	<	350	U	<	350	U	<	360	U
4-Nitrophenol	<	710	U	<	710	U	<	720	U
Acenaphthene	<	350	U	<	350	U	<	360	U
Acenaphthylene	<	350	U	<	350	U	<	360	U
Aniline (Phenylamine, Aminobenzene)	<	350	U	<	350	U	<	360	U
Anthracene	<	350	U	<	350	U	<	360	U
Benzo(a)anthracene	<	350	U	<	350	U	<	360	U
Benzo(a)pyrene	<	350	U	<	350	U	<	360	U
Benzo(b)fluoranthene	<	350	U	<	350	U	<	360	U
Benzo(g,h,i)perylene	<	350	U	<	350	U	<	360	U
Benzo(k)fluoranthene	<	350	U	<	350	U	<	360	U
Benzoic Acid	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	350	U	<	350	U	<	360	U
Benzyl Butyl Phthalate	<	350	U	<	350	U	<	360	U
bis(2-Chloroethoxy) Methane	<	350	U	<	350	U	<	360	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	350	U	<	350	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	350	U	<	350	U	<	360	U
Carbazole	<	350	U	<	350	U	<	360	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)									
Chrysene	<	350	U	<	350	U	<	360	U
Di-N-Butyl Phthalate	<	350	U	<	350	U	<	360	U
Di-N-Octylphthalate	<	350	U	<	350	U	<	360	U
Dibenz(a,h)anthracene	<	350	U	<	350	U	<	360	U
Dibenzofuran	<	350	U	<	350	U	<	360	U
Diethyl Phthalate	<	350	U	<	350	U	<	360	U
Dimethyl Propanedioic	<	350	U	<	350	U	<	360	U
Fluoranthene	<	350	U	<	350	U	<	360	U
Fluorene	<	350	U	<	350	U	<	360	U
Hexachlorobenzene	<	350	U	<	350	U	<	360	U
Hexachlorobutadiene	<	350	U	<	350	U	<	360	U
Hexachlorocyclopentadiene	<	350	U	<	350	U	<	360	U
Hexachloroethane	<	350	U	<	350	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB08-005			CAG-SB08-010			CAG-SB08-020		
COLLECT DATE	5/5/98			5/5/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	350	U	<	350	U	<	360	U
Isophorone	<	350	U	<	350	U	<	360	U
N-Nitrosodi-N-Propylamine	<	350	U	<	350	U	<	360	U
N-Nitrosodiphenylamine	<	350	U	<	350	U	<	360	U
Naphthalene	<	350	U	<	350	U	<	360	U
Nitrobenzene	<	350	U	<	350	U	<	360	U
Pentachlorophenol	<	710	U	<	710	U	<	720	U
Phenanthrene	<	350	U	<	350	U	<	360	U
Phenol	<	350	U	<	350	U	<	360	U
Pyrene	<	350	U	<	350	U	<	360	U
PESTICIDES/PCB (µg/kg)									
Aldrin	<	3.6	U	<	3.6	U	<	3.7	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.6	U	<	3.6	U	<	3.7	U
Alpha Endosulfan	<	3.6	U	<	3.6	U	<	3.7	U
Alpha-Chlordane	<	3.6	U	<	3.6	U	<	3.7	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.6	U	<	3.6	U	<	3.7	U
Beta Endosulfan	<	7	U	<	7	U	<	7.2	U
Chlordane	<	700	U	<	700	U	<	720	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7	U	<	7	U	<	7.2	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7	U	<	7	U	<	7.2	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7	U	<	7	U	<	7.2	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.6	U	<	3.6	U	<	3.7	U
Dieldrin	<	7	U	<	7	U	<	7.2	U
Endosulfan Sulfate	<	7	U	<	7	U	<	7.2	U
Endrin	<	7	U	<	7	U	<	7.2	U
Endrin Aldehyde	<	7	U	<	7	U	<	7.2	U
Endrin Ketone	<	7	U	<	7	U	<	7.2	U
Gamma BHC (Lindane)	<	3.6	U	<	3.6	U	<	3.7	U
Gamma-Chlordane	<	3.6	U	<	3.6	U	<	3.7	U
Heptachlor	<	3.6	U	<	3.6	U	<	3.7	U
Heptachlor Epoxide	<	3.6	U	<	3.6	U	<	3.7	U
Methoxychlor	<	36	U	<	36	U	<	37	U
PESTICIDES/PCB (µg/kg)									
PCB-1016 (Arochlor 1016)	<	70	U	<	70	U	<	72	U
PCB-1221 (Arochlor 1221)	<	70	U	<	70	U	<	72	U
PCB-1232 (Arochlor 1232)	<	70	U	<	70	U	<	72	U
PCB-1242 (Arochlor 1242)	<	70	U	<	70	U	<	72	U
PCB-1248 (Arochlor 1248)	<	70	U	<	70	U	<	72	U
PCB-1254 (Arochlor 1254)	<	70	U	<	70	U	<	72	U
PCB-1260 (Arochlor 1260)	<	70	U	<	70	U	<	72	U
TOXaphene	<	360	U	<	360	U	<	370	U
HERBICIDES (µg/kg)									
2,4 Db	<	3.2	U	<	3.2	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	2.8	U	<	2.8	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.2	U	<	3.2	U	<	3.3	U
Dalapon	<	5.6	U	<	5.6	U	<	5.8	U
Dicamba	<	5.6	U	<	5.6	U	<	5.8	U
Dichloroprop	<	3.2	U	<	3.2	U	<	3.3	U
Dinoseb	<	5.6	U	<	5.6	U	<	5.8	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB08-005			CAG-SB08-010			CAG-SB08-020		
COLLECT DATE	5/5/98			5/5/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Mcpa	<	710	U	<	710	U	<	720	U
Mcpp	<	1400	U	<	1400	U	<	1400	U
Silvex (2,4,5-Tp)	<	2.8	U	<	2.8	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)									
Gasoline Components	<	5.3	U	<	11	U	<	11	U
Phc As Diesel Fuel	<	26		<	26		<	27	
METALS (mg/kg)									
Aluminum	10400	18		8500	18		11700	19	
Antimony	<	5.3	U	<	5.4	U	<	5.6	U
Arsenic	1.7	0.95		1	0.92		1.5	0.94	
Barium	108	18		493	18		221	19	J
Beryllium	0.61	0.44		0.43	0.45	J	0.7	0.47	
Cadmium	0.22	0.44	J	0.29	0.45	J	<	0.47	U
Calcium	56000	4400		100000	450		63700	470	
Chromium, Total	11.6	0.88		13.6	0.91		10.9	0.94	
Cobalt	4.3	4.4	J	3.4	4.5	J	3.7	4.7	J
Copper	7.3	2.2		4.1	2.3		4.3	2.3	
Iron	8460	8.8		6450	9.1		7820	9.4	
Lead	8	9.5	J	3.5	9.2	J	5.6	9.4	J
Magnesium	2810	440		3140	450		4880	470	
Manganese	156	1.3		91	1.4		115	1.4	
Mercury	<	0.19	U	<	0.2	U	<	0.21	U
Nickel	9.4	3.5		6.7	3.6		6.7	3.7	
Potassium	1930	440		1960	450	E	2790	470	E
Selenium	<	2.4	U	<	0.46	U	<	0.47	U
Silver	<	0.88	U	<	0.91	U	<	0.94	U
Sodium	76.3	440	J	202	450	JE	358	470	JE
Thallium	<	0.95	U	0.18	0.92	J	0.31	0.94	J
Vanadium	18	4.4		16.9	4.5		18.4	4.7	
Zinc	22.1	1.8		16.3	1.8		20.8	1.9	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB08-030			CAG-SB08-040		
COLLECT DATE	5/5/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)						
1,1,1-Trichloroethane	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U
2-Hexanone	<	18	U	<	18	U
Acetone	<	18	U	<	18	U
Benzene	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U
Carbon Disulfide	22	11		11	11	
Carbon Tetrachloride	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U
Methyl Ethyl Ketone (2-Butanone)	<	18	U	<	18	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<	18	U	<	18	U
Methylene Chloride	<	23	U	<	21	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U
Styrene	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U
Toluene	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)						
1,2,4-Trichlorobenzene	<	370	U	<	350	U
1,2-Dichlorobenzene	<	370	U	<	350	U
1,2-Diphenylhydrazine	<	370	U	<	350	U
1,3-Dichlorobenzene	<	370	U	<	350	U
1,4-Dichlorobenzene	<	370	U	<	350	U
2,2'-Oxybis(1-Chloro)Propane	<	370	U	<	350	U
2,4,5-Trichlorophenol	<	370	U	<	350	U
2,4,6-Trichlorophenol	<	370	U	<	350	U
2,4-Dichlorophenol	<	370	U	<	350	U
2,4-Dimethylphenol	<	370	U	<	350	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB08-030			CAG-SB08-040		
COLLECT DATE	5/5/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual
2,4-Dinitrophenol	<	740	U	<	710	U
2,4-Dinitrotoluene	<	370	U	<	350	U
2,6-Dinitrotoluene	<	370	U	<	350	U
2-Chloronaphthalene	<	370	U	<	350	U
2-Chlorophenol	<	370	U	<	350	U
2-Methylnaphthalene	<	370	U	<	350	U
2-Methylphenol (O-Cresol)	<	370	U	<	350	U
2-Nitroaniline	<	370	U	<	350	U
2-Nitrophenol	<	370	U	<	350	U
3,3'-Dichlorobenzidine	<	740	U	<	710	U
3-Nitroaniline	<	370	U	<	350	U
4,6-Dinitro-2-Methylphenol	<	740	U	<	710	U
4-Bromophenyl Phenyl Ether	<	370	U	<	350	U
4-Chloro-3-Methylphenol	<	370	U	<	350	U
4-Chloroaniline	<	370	U	<	350	U
4-Chlorophenyl Phenyl Ether	<	370	U	<	350	U
4-Methylphenol (P-Cresol)	<	370	U	<	350	U
4-Nitroaniline	<	370	U	<	350	U
4-Nitrophenol	<	740	U	<	710	U
Acenaphthene	<	370	U	<	350	U
Acenaphthylene	<	370	U	<	350	U
Aniline (Phenylamine, Aminobenzene)	<	370	U	<	350	U
Anthracene	<	370	U	<	350	U
Benzo(a)anthracene	<	370	U	<	350	U
Benzo(a)pyrene	<	370	U	<	350	U
Benzo(b)fluoranthene	<	370	U	<	350	U
Benzo(g,h,i)perylene	<	370	U	<	350	U
Benzo(k)fluoranthene	<	370	U	<	350	U
Benzoic Acid	<	1800	U	<	1800	U
Benzyl Alcohol	<	370	U	<	350	U
Benzyl Butyl Phthalate	<	370	U	<	350	U
bis(2-Chloroethoxy) Methane	<	370	U	<	350	U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	<	370	U	<	350	U
bis(2-Ethylhexyl) Phthalate	<	370	U	<	350	U
Carbazole	<	370	U	<	350	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)						
Chrysene	<	370	U	<	350	U
Di-N-Butyl Phthalate	<	370	U	270	350	J
Di-N-Octylphthalate	<	370	U	<	350	U
Dibenz(a,h)anthracene	<	370	U	<	350	U
Dibenzofuran	<	370	U	<	350	U
Diethyl Phthalate	<	370	U	<	350	U
Dimethyl Propanedioic	<	370	U	<	350	U
Fluoranthene	<	370	U	<	350	U
Fluorene	<	370	U	<	350	U
Hexachlorobenzene	<	370	U	<	350	U
Hexachlorobutadiene	<	370	U	<	350	U
Hexachlorocyclopentadiene	<	370	U	<	350	U
Hexachloroethane	<	370	U	<	350	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB08-030			CAG-SB08-040		
COLLECT DATE	5/5/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual
Indeno(1,2,3-c,d)pyrene	<	370	U	<	350	U
Isophorone	<	370	U	<	350	U
N-Nitrosodi-N-Propylamine	<	370	U	<	350	U
N-Nitrosodiphenylamine	<	370	U	<	350	U
Naphthalene	<	370	U	<	350	U
Nitrobenzene	<	370	U	<	350	U
Pentachlorophenol	<	740	U	<	710	U
Phenanthrene	<	370	U	<	350	U
Phenol	<	370	U	<	350	U
Pyrene	<	370	U	<	350	U
PESTICIDES/PCB (µg/kg)						
Aldrin	<	3.8	U	<	3.6	U
Alpha BHC (Alpha Hexachlorocyclohexane)	<	3.8	U	<	3.6	U
Alpha Endosulfan	<	3.8	U	<	3.6	U
Alpha-Chlordane	<	3.8	U	<	3.6	U
Beta BHC (Beta Hexachlorocyclohexane)	<	3.8	U	<	3.6	U
Beta Endosulfan	<	7.3	U	<	7	U
Chlordane	<	730	U	<	700	U
DDD (1,1-bis(Chlorophenyl)-2,2-Dichloroethane)	<	7.3	U	<	7	U
DDE (1,1-bis(Chlorophenyl)-2,2-Dichloroethene)	<	7.3	U	<	7	U
DDT (1,1-bis(Chlorophenyl)-2,2,2-Trichloroethane)	<	7.3	U	<	7	U
Delta BHC (Delta Hexachlorocyclohexane)	<	3.8	U	<	3.6	U
Dieldrin	<	7.3	U	<	7	U
Endosulfan Sulfate	<	7.3	U	<	7	U
Endrin	<	7.3	U	<	7	U
Endrin Aldehyde	<	7.3	U	<	7	U
Endrin Ketone	<	7.3	U	<	7	U
Gamma BHC (Lindane)	<	3.8	U	<	3.6	U
Gamma-Chlordane	<	3.8	U	<	3.6	U
Heptachlor	<	3.8	U	<	3.6	U
Heptachlor Epoxide	<	3.8	U	<	3.6	U
Methoxychlor	<	38	U	<	36	U
PESTICIDES/PCB (µg/kg)						
PCB-1016 (Arochlor 1016)	<	73	U	<	70	U
PCB-1221 (Arochlor 1221)	<	73	U	<	70	U
PCB-1232 (Arochlor 1232)	<	73	U	<	70	U
PCB-1242 (Arochlor 1242)	<	73	U	<	70	U
PCB-1248 (Arochlor 1248)	<	73	U	<	70	U
PCB-1254 (Arochlor 1254)	<	73	U	<	70	U
PCB-1260 (Arochlor 1260)	<	73	U	<	70	U
TOXaphene	<	380	U	<	360	U
HERBICIDES (µg/kg)						
2,4 Db	<	3.3	U	<	3.2	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	2.9	U	<	2.8	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.3	U	<	3.2	U
Dalapon	<	5.9	U	<	5.7	U
Dicamba	<	5.9	U	<	5.7	U
Dichloroprop	<	3.3	U	<	3.2	U
Dinoseb	<	5.9	U	<	5.7	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-G
CANNON AFB, NEW MEXICO

FIELD ID	CAG-SB08-030			CAG-SB08-040		
COLLECT DATE	5/5/98			5/5/98		
	Result	RL	Qual	Result	RL	Qual
Mcpa	<	740	U	<	710	U
Mcpp	<	1500	U	<	1400	U
Silvex (2,4,5-Tp)	<	2.9	U	<	2.8	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
Gasoline Components	<	11	U	<	11	U
Phc As Diesel Fuel	<	28		<	27	
METALS (mg/kg)						
Aluminum	13300	19		5200	18	
Antimony	1.1	5.6	J	<	5.4	U
Arsenic	0.87	0.96	J	0.81	0.93	J
Barium	125	19		43.6	18	
Beryllium	0.46	0.47	J	0.22	0.45	J
Cadmium	<	0.47	U	<	0.45	U
Calcium	48700	470		38900	450	
Chromium, Total	12.1	0.94		6.4	0.9	
Cobalt	2.7	4.7	J	1.2	4.5	J
Copper	3.5	2.3		2	2.3	J
Iron	6980	9.4		3420	9	
Lead	3.6	9.6	J	2.1	9.3	J
Magnesium	15300	470		7300	450	
Manganese	54.4	1.4		34.9	1.4	
Mercury	<	0.21	U	<	0.21	U
Nickel	5.9	3.8		3.7	3.6	
Potassium	2780	470	E	1080	450	E
Selenium	<	0.48	U	<	0.46	U
Silver	<	0.94	U	<	0.9	U
Sodium	302	470	JE	142	450	JE
Thallium	0.25	0.96	J	<	0.93	
Vanadium	18.5	4.7		10.8	4.5	
Zinc	14.8	1.9		7.6	1.8	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB01-002			CAH-SB01-202			CAH-SB01-005			CAH-SB01-010		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	12	U	<	12	U	<	13	U	<	14	U
1,1,2,2-Tetrachloroethane	<	12	U	<	12	U	<	13	U	<	14	U
1,1,2-Trichloroethane	<	12	U	<	12	U	<	13	U	<	14	U
1,1-Dichloroethane	<	12	U	<	12	U	<	13	U	<	14	U
1,1-Dichloroethene	<	12	U	<	12	U	<	13	U	<	14	U
1,2-Dichloroethane	<	12	U	<	12	U	<	13	U	<	14	U
1,2-Dichloropropane	<	12	U	<	12	U	<	13	U	<	14	U
2-Hexanone	<	20	U	<	20	U	<	21	U	7	24	
Acetone	<	20	U	<	20	U	<	21	U	<	82	U
Benzene	<	12	U	<	12	U	<	13	U	<	14	U
Bromodichloromethane	<	12	U	<	12	U	<	13	U	<	14	U
Bromoform	<	12	U	<	12	U	<	13	U	<	14	U
Bromomethane	<	12	U	<	12	U	<	13	U	<	14	U
Carbon Disulfide	<	12	U	<	12	U	<	13	U	<	14	U
Carbon Tetrachloride	<	12	U	<	12	U	<	13	U	<	14	U
Chlorobenzene	<	12	U	<	12	U	<	13	U	<	14	U
Chloroethane	<	12	U	<	12	U	<	13	U	<	14	U
Chloroform	<	12	U	<	12	U	<	13	U	<	14	U
Chloromethane	<	12	U	<	12	U	<	13	U	<	14	U
cis-1,2-Dichloroethylene	<	12	U	<	12	U	<	13	U	<	14	U
cis-1,3-Dichloropropene	<	12	U	<	12	U	<	13	U	<	14	U
Dibromochloromethane	<	12	U	<	12	U	<	13	U	<	14	U
Dichlorodifluoromethane	<	12	U	<	12	U	<	13	U	<	14	U
Ethylbenzene	<	12	U	<	12	U	<	13	U	<	14	U
M,P-Xylene (Sum of Isomers)	<	12	U	<	12	U	<	13	U	<	14	U
Methyl Ethyl Ketone	<	20	U	<	20	U	<	21	U	23	24	
Methyl Isobutyl Ketone	<	20	U	<	20	U	<	21	U	41	24	
Methylene Chloride	<	13	U	<	14	U	<	16	U	<	14	U
O-Xylene (1,2-Dimethylbenzene)	<	12	U	<	12	U	<	13	U	<	14	U
Styrene	<	12	U	<	12	U	<	13	U	<	14	U
Tetrachloroethylene(PCE)	<	12	U	<	12	U	<	13	U	<	14	U
Toluene	<	12	U	<	12	U	<	13	U	<	14	U
trans-1,2-Dichloroethene	<	12	U	<	12	U	<	13	U	<	14	U
trans-1,3-Dichloropropene	<	12	U	<	12	U	<	13	U	<	14	U
Trichloroethylene (TCE)	<	12	U	<	12	U	<	13	U	<	14	U
Trichlorofluoromethane	<	12	U	<	12	U	<	13	U	<	14	U
Vinyl Chloride	<	12	U	<	12	U	<	13	U	<	14	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	370	U	<	370	U	<	420	U	<	470	U
1,2-Dichlorobenzene	<	370	U	<	370	U	<	420	U	<	470	U
1,2-Diphenylhydrazine	<	370	U	<	370	U	<	420	U	<	470	U
1,3-Dichlorobenzene	<	370	U	<	370	U	<	420	U	<	470	U
1,4-Dichlorobenzene	<	370	U	<	370	U	<	420	U	<	470	U
2,2'-Oxybis(1-Chloro)Propane	<	370	U	<	370	U	<	420	U	<	470	U
2,4,5-Trichlorophenol	<	370	U	<	370	U			U	<	470	U
2,4,6-Trichlorophenol	<	370	U	<	370	U	<	420	U	<	470	U
2,4-Dichlorophenol	<	370	U	<	370	U	<	420	U	<	470	U
2,4-Dimethylphenol	<	370	U	<	370	U	<	420	U	<	470	U
2,4-Dinitrophenol	<	750	U	<	740	U	<	840	U	<	950	U
2,4-Dinitrotoluene	<	370	U	<	370	U	<	420	U	<	470	U
2,6-Dinitrotoluene	<	370	U	<	370	U	<	420	U	<	470	U
2-Chloronaphthalene	<	370	U	<	370	U	<	420	U	<	470	U
2-Chlorophenol	<	370	U	<	370	U	<	420	U	<	470	U
2-Methylnaphthalene	<	370	U	<	370	U	<	420	U	<	470	U
2-Methylphenol	<	370	U	<	370	U	<	420	U	<	470	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB01-002			CAH-SB01-202			CAH-SB01-005			CAH-SB01-010		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	370	U	<	370	U	<	420	U	<	470	U
2-Nitrophenol	<	370	U	<	370	U	<	420	U	<	470	U
3,3'-Dichlorobenzidine	<	750	U	<	740	U	<	840	U	<	950	U
3-Nitroaniline	<	370	U	<	370	U	<	420	U	<	470	U
4,6-Dinitro-2-Methylphenol	<	750	U	<	740	U	<	840	U	<	950	U
4-Bromophenyl Phenyl Ether	<	370	U	<	370	U	<	420	U	<	470	U
4-Chloro-3-Methylphenol	<	370	U	<	370	U	<	420	U	<	470	U
4-Chloroaniline	<	370	U	<	370	U	<	420	U	<	470	U
4-Chlorophenyl Phenyl Ether	<	370	U	<	370	U	<	420	U	<	470	U
4-Methylphenol	<	370	U	<	370	U	<	420	U	<	470	U
4-Nitroaniline	<	370	U	<	370	U	<	420	U	<	470	U
4-Nitrophenol	<	750	U	<	740	U	<	840	U	<	950	U
Acenaphthene	<	370	U	<	370	U	<	420	U	<	470	U
Acenaphthylene	<	370	U	<	370	U	<	420	U	<	470	U
Aniline	<	370	U	<	370	U	<	420	U	<	470	U
Anthracene	<	370	U	<	370	U	<	420	U	<	470	U
Benzo(a)anthracene	<	370	U	<	370	U	<	420	U	<	470	U
Benzo(a)pyrene	<	370	U	<	370	U	<	420	U	<	470	U
Benzo(b)fluoranthene	<	370	U	<	370	U	<	420	U	<	470	U
Benzo(g,h,i)perylene	<	370	U	<	370	U	<	420	U	<	470	U
Benzo(k)fluoranthene	<	370	U	<	370	U	<	420	U	<	470	U
Benzoic Acid	<	1900	U	<	1900	U	<	2100	U	<	2400	U
Benzyl Alcohol	<	370	U	<	370	U	<	420	U	<	470	U
Benzyl Butyl Phthalate	<	370	U	<	370	U	<	420	U	<	470	U
bis(2-Chloroethoxy) Methane	<	370	U	<	370	U	<	420	U	<	470	U
bis(2-Chloroethyl) Ether	<	370	U	<	370	U	<	420	U	<	470	U
bis(2-Ethylhexyl) Phthalate	66	370	U	<	370	U	<	420	U	<	470	U
Carbazole	<	370	U	<	370	U	<	420	U	<	470	U
Chrysene	<	370	U	<	370	U	<	420	U	<	470	U
Di-N-Butyl Phthalate	<	370	U	<	370	U	<	420	U	<	470	U
Di-N-Octylphthalate	40	370	J	<	370	U	<	420	U	<	470	U
Dibenz(a,h)anthracene	<	370	U	<	370	U	<	420	U	<	470	U
Dibenzofuran	<	370	U	<	370	U	<	420	U	<	470	U
Diethyl Phthalate	<	370	U	<	370	U	<	420	U	<	470	U
Dimethyl Propanedioic	<	370	U	<	370	U	<	420	U	<	470	U
Fluoranthene	<	370	U	<	370	U	<	420	U	<	470	U
Fluorene	<	370	U	<	370	U	<	420	U	<	470	U
Hexachlorobenzene	<	370	U	<	370	U	<	420	U	<	470	U
Hexachlorobutadiene	<	370	U	<	370	U	<	420	U	<	470	U
Hexachlorocyclopentadiene	<	370	U	<	370	U	<	420	U	<	470	U
Hexachloroethane	<	370	U	<	370	U	<	420	U	<	470	U
Indeno(1,2,3-c,d)pyrene	<	370	U	<	370	U	<	420	U	<	470	U
Isophorone	<	370	U	<	370	U	<	420	U	<	470	U
N-Nitrosodi-N-Propylamine	<	370	U	<	370	U	<	420	U	<	470	U
N-Nitrosodiphenylamine	<	370	U	<	370	U	<	420	U	<	470	U
Naphthalene	<	370	U	<	370	U	<	420	U	<	470	U
Nitrobenzene	<	370	U	<	370	U	<	420	U	<	470	U
Pentachlorophenol	<	750	U	<	740	U	<	840	U	<	950	U
Phenanthrene	<	370	U	<	370	U	<	420	U	<	470	U
Phenol	<	370	U	<	370	U	<	420	U	<	470	U
Pyrene	<	370	U	<	370	U	<	420	U	<	470	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.8	U	<	3.8	U	<	0.43	U	<	0.48	U
Alpha BHC	<	3.8	U	<	3.8	U	<	0.43	U	<	0.48	U
Alpha Endosulfan	<	3.8	U	<	3.8	U	<	0.43	U	<	0.48	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB01-002			CAH-SB01-202			CAH-SB01-005			CAH-SB01-010		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.8	U	<	3.8	U	<	0.43	U	<	0.48	U
Beta BHC	<	3.8	U	<	3.8	U	<	0.43	U	<	0.48	U
Beta Endosulfan	<	7.4	U	<	7.3	U	<	0.83	U	<	0.94	U
Chlordane	<	740	U	<	730	U	<	83	U	<	94	U
DDD	<	7.4	U	<	7.3	U	<	0.83	U	<	0.94	U
DDE	<	7.4	U	<	7.3	U	3.6	0.83		<	0.94	U
DDT	<	7.4	U	<	7.3	U	<	0.83	U	<	0.94	U
Delta BHC	<	3.8	U	<	3.8	U	<	0.43	U	<	0.48	U
Dieldrin	<	7.4	U	<	7.3	U	<	0.83	U	<	0.94	U
Endosulfan Sulfate	<	7.4	U	<	7.3	U	<	0.83	U	<	0.94	U
Endrin	<	7.4	U	<	7.3	U	<	0.83	U	<	0.94	U
Endrin Aldehyde	<	7.4	U	<	7.3	U	<	0.83	U	<	0.94	U
Endrin Ketone	<	7.4	U	<	7.3	U	<	0.83	U	<	0.94	U
Gamma BHC (Lindane)	<	3.8	U	<	3.8	U	<	0.43	U	<	0.48	U
Gamma-Chlordane	<	3.8	U	<	3.8	U	<	0.43	U	<	0.48	U
Heptachlor	<	3.8	U	<	3.8	U	<	0.43	U	<	0.48	U
Heptachlor Epoxide	<	3.8	U	<	3.8	U	<	0.43	U	<	0.48	U
Methoxychlor	<	38	U	<	38	U	<	4.3	U	<	4.8	U
PCB-1016 (Arochlor 1016)	<	74	U	<	73	U	<	8.3	U	<	9.4	U
PCB-1221 (Arochlor 1221)	<	74	U	<	73	U	<	8.3	U	<	9.4	U
PCB-1232 (Arochlor 1232)	<	74	U	<	73	U	<	8.3	U	<	9.4	U
PCB-1242 (Arochlor 1242)	<	74	U	<	73	U	<	8.3	U	<	9.4	U
PCB-1248 (Arochlor 1248)	<	74	U	<	73	U	<	8.3	U	<	9.4	U
PCB-1254 (Arochlor 1254)	<	74	U	<	73	U	<	8.3	U	<	9.4	U
PCB-1260 (Arochlor 1260)	<	74	U	<	73	U	<	8.3	U	<	9.4	U
Toxaphene	<	380	U	<	380	U	<	43	U	<	48	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.4	U	<	3.3	U	<	3.8	U	<	4.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	3	U	<	3	U	<	3.4	U	<	3.8	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.4	U	<	3.3	U	<	3.8	U	<	4.3	U
Dalapon	<	6	U	<	5.9	U	<	6.7	U	<	7.6	U
Dicamba	<	6	U	<	5.9	U	<	6.7	U	<	7.6	U
Dichloroprop	<	3.4	U	<	3.3	U	<	3.8	U	<	4.3	U
Dinoseb	<	6	U	<	5.9	U	<	6.7	U	<	7.6	U
Mcpa	<	740	U	<	740	U	<	840	U	<	950	U
Mcpp	<	1500	U	<	1500	U	<	1700	U	<	1900	U
Silvex (2,4,5-Tp)	<	3	U	<	3	U	<	3.4	U	<	3.8	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO	<	5.4	U	<	5.3	U	<	13	U	<	14	U
DRO	<	28	U	<	28	U	<	32	U	<	36	U
METALS (mg/kg)												
Aluminum	11800	2.7		10700	2.7	U	14600	24		13000	25	
Antimony	<	1.2	U	<	1.2	U	<	7.1	U	<	7.5	U
Arsenic	2.2	0.22		2.1	0.22		2.5	2.4		2.8	2.8	
Barium	74.2	0.079		65.8	0.081		81.6	24		736	25	
Beryllium	0.48	0.03		0.46	0.03	U	0.67	0.59		0.65	0.62	
Cadmium	0.25	0.14		<	0.14		<	0.59	U	<	0.62	U
Calcium	4870	2.8		3970	2.8		9430	590		153000	6200	
Chromium, Total	9.9	0.63		9.1	0.65		11.4	1.2		20	1.2	
Cobalt	3.1	0.29		3	0.29		4.3	5.9		3.5	6.2	
Copper	6.2	0.21		5.5	0.21		9	2.9		4.9	3.1	
Iron	9190	0.53		8480	0.54		10700	12		7790	12	
Lead	20.3	0.45		11	0.18		10.2	12		4.5	12	
Magnesium	1570	2.2		1400	2.2		2170	590		5110	620	
Manganese	152	0.089		139	0.091		158	1.8		92.8	1.9	

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB01-002			CAH-SB01-202			CAH-SB01-005			CAH-SB01-010		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/1/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury	<	0.041	U	0.22	0.039	U	0.34	0.24		0.16	0.23	J
Nickel	7.1	0.36		6.7	0.36		9.4	4.7		7.5	5	
Potassium	2080	11		1960	11	U	2490	590		2150	620	
Selenium	<	0.9	U	<	0.91	U	<	6.1	U	<	7	U
Silver	<	0.3	U	<	0.3		<	1.2	U	<	1.2	U
Sodium	24.1	2.6		25.1	2.6	U	41.2	590		192	620	
Thallium	0.21	0.2		<	0.2		<	1.2	U	<	1.2	U
Vanadium	19.2	0.2		18	0.2		20.9	5.9		20.9	6.2	
Zinc	27.2	0.43	E	23	0.43		35.4	2.4		22.3	2.5	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB01-020			CAH-SB01-030			CAH-SB01-040			CAH-SB02-002		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	12	U	<	11	U	<	11	U	<	12	U
1,1,2,2-Tetrachloroethane	<	12	U	<	11	U	<	11	U	<	12	U
1,1,2-Trichloroethane	<	12	U	<	11	U	<	11	U	<	12	U
1,1-Dichloroethane	<	12	U	<	11	U	<	11	U	<	12	U
1,1-Dichloroethene	<	12	U	<	11	U	<	11	U	<	12	U
1,2-Dichloroethane	<	12	U	<	11	U	<	11	U	<	12	U
1,2-Dichloropropane	<	12	U	<	11	U	<	11	U	<	12	U
2-Hexanone	<	20		<	18		<	18	U	<	19	U
Acetone	<	20	U	<	18	U	<	18	U	<	88	J
Benzene	<	12	U	<	11	U	<	11	U	<	12	U
Bromodichloromethane	<	12	U	<	11	U	<	11	U	<	12	U
Bromoform	<	12	U	<	11	U	<	11	U	<	12	U
Bromomethane	<	12	U	<	11	U	<	11	U	<	12	U
Carbon Disulfide	<	12	U	<	11	U	<	11	U	<	12	U
Carbon Tetrachloride	<	12	U	<	11	U	<	11	U	<	12	U
Chlorobenzene	<	12	U	<	11	U	<	11	U	<	12	U
Chloroethane	<	12	U	<	11	U	<	11	U	<	12	U
Chloroform	<	12	U	<	11	U	<	11	U	<	12	U
Chloromethane	<	12	U	<	11	U	<	11	U	<	12	U
cis-1,2-Dichloroethylene	<	12	U	<	11	U	<	11	U	<	12	U
cis-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	12	U
Dibromochloromethane	<	12	U	<	11	U	<	11	U	<	12	U
Dichlorodifluoromethane	<	12	U	<	11	U	<	11	U	<	12	U
Ethylbenzene	<	12	U	<	11	U	<	11	U	<	12	U
M,P-Xylene (Sum of Isomers)	<	12	U	<	11	U	<	11	U	<	12	U
Methyl Ethyl Ketone	<	20		<	18		<	18	U	<	19	U
Methyl Isobutyl Ketone	<	20		<	18		<	18	U	17	19	
Methylene Chloride	<	12	U	<	11	U	<	14	U	<	12	U
O-Xylene (1,2-Dimethylbenzene)	<	12	U	<	11	U	<	11	U	<	12	U
Styrene	<	12	U	<	11	U	<	11	U	<	12	U
Tetrachloroethylene(PCE)	<	12	U	<	11	U	<	11	U	<	12	U
Toluene	<	12	U	<	11	U	<	11	U	<	12	U
trans-1,2-Dichloroethene	<	12	U	<	11	U	<	11	U	<	12	U
trans-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	12	U
Trichloroethylene (TCE)	<	12	U	<	11	U	<	11	U	<	12	U
Trichlorofluoromethane	<	12	U	<	11	U	<	11	U	<	12	U
Vinyl Chloride	<	12	U	<	11	U	<	11	U	<	12	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	400	U	<	370	U	<	350	U	<	380	U
1,2-Dichlorobenzene	<	400	U	<	370	U	<	350	U	<	380	U
1,2-Diphenylhydrazine	<	400	U	<	370	U	<	350	U	<	380	U
1,3-Dichlorobenzene	<	400	U	<	370	U	<	350	U	<	380	U
1,4-Dichlorobenzene	<	400	U	<	370	U	<	350	U	<	380	U
2,2'-Oxybis(1-Chloro)Propane	<	400	U	<	370	U	<	350	U	<	380	U
2,4,5-Trichlorophenol	<	400	U	<	370	U	<	350	U	<	380	U
2,4,6-Trichlorophenol	<	400	U	<	370	U	<	350	U	<	380	U
2,4-Dichlorophenol	<	400	U	<	370	U	<	350	U	<	380	U
2,4-Dimethylphenol	<	400	U	<	370	U	<	350	U	<	380	U
2,4-Dinitrophenol	<	810	U	<	730	U	<	710	U	<	770	U
2,4-Dinitrotoluene	<	400	U	<	370	U	<	350	U	<	380	U
2,6-Dinitrotoluene	<	400	U	<	370	U	<	350	U	<	380	U
2-Chloronaphthalene	<	400	U	<	370	U	<	350	U	<	380	U
2-Chlorophenol	<	400	U	<	370	U	<	350	U	<	380	U
2-Methylnaphthalene	<	400	U	<	370	U	<	350	U	<	380	U
2-Methylphenol	<	400	U	<	370	U	<	350	U	<	380	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB01-020			CAH-SB01-030			CAH-SB01-040			CAH-SB02-002		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	400	U	<	370	U	<	350	U	<	380	U
2-Nitrophenol	<	400	U	<	370	U	<	350	U	<	380	U
3,3'-Dichlorobenzidine	<	810	U	<	730	U	<	710	U	<	770	U
3-Nitroaniline	<	400	U	<	370	U	<	350	U	<	380	U
4,6-Dinitro-2-Methylphenol	<	810	U	<	730	U	<	710	U	<	770	U
4-Bromophenyl Phenyl Ether	<	400	U	<	370	U	<	350	U	<	380	U
4-Chloro-3-Methylphenol	<	400	U	<	370	U	<	350	U	<	380	U
4-Chloroaniline	<	400	U	<	370	U	<	350	U	<	380	U
4-Chlorophenyl Phenyl Ether	<	400	U	<	370	U	<	350	U	<	380	U
4-Methylphenol	<	400	U	<	370	U	<	350	U	<	380	U
4-Nitroaniline	<	400	U	<	370	U	<	350	U	<	380	U
4-Nitrophenol	<	810	U	<	730	U	<	710	U	<	770	U
Acenaphthene	<	400	U	<	370	U	<	350	U	<	380	U
Acenaphthylene	<	400	U	<	370	U	<	350	U	<	380	U
Aniline	<	400	U	<	370	U	<	350	U	<	380	U
Anthracene	<	400	U	<	370	U	<	350	U	<	380	U
Benzo(a)anthracene	<	400	U	<	370	U	<	350	U	<	380	U
Benzo(a)pyrene	<	400	U	<	370	U	<	350	U	<	380	U
Benzo(b)fluoranthene	<	400	U	<	370	U	<	350	U	<	380	U
Benzo(g,h,i)perylene	<	400	U	<	370	U	<	350	U	<	380	U
Benzo(k)fluoranthene	<	400	U	<	370	U	<	350	U	<	380	U
Benzoic Acid	<	2000	U	<	1800	U	<	1800	U	<	1900	U
Benzyl Alcohol	<	400	U	<	370	U	<	350	U	<	380	U
Benzyl Butyl Phthalate	<	400	U	<	370	U	<	350	U	<	380	U
bis(2-Chloroethoxy) Methane	<	400	U	<	370	U	<	350	U	<	380	U
bis(2-Chloroethyl) Ether	<	400	U	<	370	U	<	350	U	<	380	U
bis(2-Ethylhexyl) Phthalate	<	400	U	<	370	U	<	350	U	39	380	U
Carbazole	<	400	U	<	370	U	<	350	U	<	380	U
Chrysene	<	400	U	<	370	U	<	350	U	<	380	U
Di-N-Butyl Phthalate	<	400	U	<	370	U	<	350	U	<	380	U
Di-N-Octylphthalate	<	400	U	<	370	U	<	350	U	<	380	U
Dibenz(a,h)anthracene	<	400	U	<	370	U	<	350	U	<	380	U
Dibenzofuran	<	400	U	<	370	U	<	350	U	<	380	U
Diethyl Phthalate	<	400	U	<	370	U	<	350	U	<	380	U
Dimethyl Propanedioic	<	400	U	<	370	U	<	350	U	<	380	U
Fluoranthene	<	400	U	<	370	U	<	350	U	<	380	U
Fluorene	<	400	U	<	370	U	<	350	U	<	380	U
Hexachlorobenzene	<	400	U	<	370	U	<	350	U	<	380	U
Hexachlorobutadiene	<	400	U	<	370	U	<	350	U	<	380	U
Hexachlorocyclopentadiene	<	400	U	<	370	U	<	350	U	<	380	U
Hexachloroethane	<	400	U	<	370	U	<	350	U	<	380	U
Indeno(1,2,3-c,d)pyrene	<	400	U	<	370	U	<	350	U	<	380	U
Isophorone	<	400	U	<	370	U	<	350	U	<	380	U
N-Nitrosodi-N-Propylamine	<	400	U	<	370	U	<	350	U	<	380	U
N-Nitrosodiphenylamine	<	400	U	<	370	U	<	350	U	<	380	U
Naphthalene	<	400	U	<	370	U	<	350	U	<	380	U
Nitrobenzene	<	400	U	<	370	U	<	350	U	<	380	U
Pentachlorophenol	<	810	U	<	730	U	<	710	U	<	770	U
Phenanthrene	<	400	U	<	370	U	<	350	U	<	380	U
Phenol	<	400	U	<	370	U	<	350	U	<	380	U
Pyrene	<	400	U	<	370	U	<	350	U	<	380	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	0.41	U	<	0.37	U	<	0.36	U	<	2	U
Alpha BHC	<	0.41	U	<	0.37	U	<	0.36	U	<	2	U
Alpha Endosulfan	<	0.41	U	<	0.37	U	<	0.36	U	<	2	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB01-020			CAH-SB01-030			CAH-SB01-040			CAH-SB02-002		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	0.41	U	<	0.37	U	<	0.36	U	<	2	U
Beta BHC	<	0.41	U	<	0.37	U	<	0.36	U	<	2	U
Beta Endosulfan	<	0.8	U	<	0.73	U	<	0.7	U	<	3.8	U
Chlordane	<	80	U	<	73	U	<	70	U	<	380	U
DDD	<	0.8	U	<	0.73	U	<	0.7	U	<	3.8	U
DDE	<	0.8	U	<	0.73	U	<	0.7	U	3.95	2	
DDT	<	0.8	U	<	0.73	U	<	0.7	U	<	3.8	U
Delta BHC	<	0.41	U	<	0.37	U	<	0.36	U	<	2	U
Dieldrin	<	0.8	U	<	0.73	U	<	0.7	U	<	3.8	U
Endosulfan Sulfate	<	0.8	U	<	0.73	U	<	0.7	U	<	3.8	U
Endrin	<	0.8	U	<	0.73	U	<	0.7	U	<	3.8	U
Endrin Aldehyde	<	0.8	U	<	0.73	U	<	0.7	U	<	3.8	U
Endrin Ketone	<	0.8	U	<	0.73	U	<	0.7	U	<	3.8	U
Gamma BHC (Lindane)	<	0.41	U	<	0.37	U	<	0.36	U	<	2	U
Gamma-Chlordane	<	0.41	U	<	0.37	U	<	0.36	U	<	2	U
Heptachlor	<	0.41	U	<	0.37	U	<	0.36	U	<	2	U
Heptachlor Epoxide	<	0.41	U	<	0.37	U	<	0.36	U	<	2	U
Methoxychlor	<	4.1	U	<	3.7	U	<	3.6	U	<	20	U
PCB-1016 (Arochlor 1016)	<	8	U	<	7.3	U	<	7	U	<	38	U
PCB-1221 (Arochlor 1221)	<	8	U	<	7.3	U	<	7	U	<	38	U
PCB-1232 (Arochlor 1232)	<	8	U	<	7.3	U	<	7	U	<	38	U
PCB-1242 (Arochlor 1242)	<	8	U	<	7.3	U	<	7	U	<	38	U
PCB-1248 (Arochlor 1248)	<	8	U	<	7.3	U	<	7	U	<	38	U
PCB-1254 (Arochlor 1254)	<	8	U	<	7.3	U	<	7	U	<	38	U
PCB-1260 (Arochlor 1260)	<	8	U	<	7.3	U	<	7	U	<	38	U
Toxaphene	<	41	U	<	37	U	<	36	U	<	200	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.6	U	<	3.3	U	<	3.2	U	<	1.7	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	3.2	U	<	2.9	U	<	2.8	U	<	1.5	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.6	U	<	3.3	U	<	3.2	U	<	1.7	U
Dalapon	<	6.4	U	<	5.9	U	<	5.7	U	<	3.1	U
Dicamba	<	6.4	U	<	5.9	U	<	5.7	U	<	3.1	U
Dichloroprop	<	3.6	U	<	3.3	U	<	3.2	U	<	1.7	U
Dinoseb	<	6.4	U	<	5.9	U	<	5.7	U	<	3.1	U
Mcpa	<	800	U	<	730	U	<	710	U	<	380	U
Mcpp	1100	1600	J	<	1500	U	<	1400	U	<	770	U
Silvex (2,4,5-Tp)	<	3.2	U	<	2.9	U	<	2.8	U	<	1.5	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO	<	12	U	<	11	U	<	11	U	<	5.8	U
DRO	<	30	U	<	28	U	<	27	U	<	29	U
METALS (mg/kg)												
Aluminum	7350	24		5790	19		6000	19		17200	22	
Antimony	<	7.2	U	<	5.8	U	<	5.8	U	<	6.6	U
Arsenic	1.6	2.3		1.3	2.1		1.2	1.9		2.5	1.9	
Barium	133	24		90.6	19		31.4	19		92.8	22	
Beryllium	0.37	0.6	J	0.23	0.49	J	0.24	0.48	J	0.76	0.55	
Cadmium	<	0.6	U	<	0.49	U	<	0.48	U	<	0.55	U
Calcium	81500	6000		111000	4900		57500	480		3090	550	
Chromium, Total	10.8	1.2		12.8	0.97		8	0.97		12.4	1.1	
Cobalt	2.4	6		1.2	4.9		1.6	4.8		5.2	5.5	
Copper	2.6	3		2.3	2.4		<	2.4		8.2	2.8	
Iron	5060	12		3520	9.7		3860	9.7		12500	11	
Lead	3.2	11		2	10		2.9	9.2		8	0.28	
Magnesium	3170	600		9250	490		5300	480		2210	550	
Manganese	58	1.8		28.2	1.5		37.6	1.5		210	1.7	

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB01-020			CAH-SB01-030			CAH-SB01-040			CAH-SB02-002		
COLLECT DATE	5/1/98			5/1/98			5/1/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury	0.04	0.22	J	<	0.2	U	0.16	0.2	J	<	0.19	U
Nickel	5.7	4.8		4.1	3.9		3.5	3.9	J	10.6	4.4	
Potassium	1570	600		1020	490		1200	480		2670	550	
Selenium	<	5.8	U	<	5.3	U	<	4.8	U	<	2.4	U
Silver	<	1.2	U	<	0.97	U	<	0.97	U	<	1.1	U
Sodium	120	600		166	490		111	480		32.6	550	
Thallium	<	1.1	U	<	1	U	<	0.92	U	<	0.94	U
Vanadium	15.2	6		21.2	4.9		15.6	4.8		26.4	5.5	
Zinc	14.2	2.4		8.7	1.9		9.3	1.9		31.2	2.2	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB02-202			CAH-SB02-005			CAH-SB02-010			CAH-SB02-020		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	12	U	<	11	U	<	11	U	<	12	U
1,1,2,2-Tetrachloroethane	<	12	U	<	11	U	<	11	U	<	12	U
1,1,2-Trichloroethane	<	12	U	<	11	U	<	11	U	<	12	U
1,1-Dichloroethane	<	12	U	<	11	U	<	11	U	<	12	U
1,1-Dichloroethene	<	12	U	<	11	U	<	11	U	<	12	U
1,2-Dichloroethane	<	12	U	<	11	U	<	11	U	<	12	U
1,2-Dichloropropane	<	12	U	<	11	U	<	11	U	<	12	U
2-Hexanone	<	20	U	<	19	U	<	18	U	<	20	U
Acetone	<	71	U	<	140	U	<	88	J	<	170	U
Benzene	<	12	U	<	11	U	<	11	U	<	12	U
Bromodichloromethane	<	12	U	<	11	U	<	11	U	<	12	U
Bromoform	<	12	U	<	11	U	<	11	U	<	12	U
Bromomethane	<	12	U	<	11	U	<	11	U	<	12	U
Carbon Disulfide	<	12	U	<	11	U	<	11	U	<	12	U
Carbon Tetrachloride	<	12	U	<	11	U	<	11	U	<	12	U
Chlorobenzene	<	12	U	<	11	U	<	11	U	<	12	U
Chloroethane	<	12	U	<	11	U	<	11	U	<	12	U
Chloroform	<	12	U	<	11	U	<	11	U	<	12	U
Chloromethane	<	12	U	<	11	U	<	11	U	<	12	U
cis-1,2-Dichloroethylene	<	12	U	<	11	U	<	11	U	<	12	U
cis-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	12	U
Dibromochloromethane	<	12	U	<	11	U	<	11	U	<	12	U
Dichlorodifluoromethane	<	12	U	<	11	U	<	11	U	<	12	U
Ethylbenzene	<	12	U	<	11	U	<	11	U	<	12	U
M,P-Xylene (Sum of Isomers)	<	12	U	<	11	U	<	11	U	<	12	U
Methyl Ethyl Ketone	<	20	U	37	19		<	18	U	34	20	
Methyl Isobutyl Ketone	16	20		59	19		8	18	J	66	20	
Methylene Chloride	<	14	U	<	22	U	<	11	U	<	14	U
O-Xylene (1,2-Dimethylbenzene)	<	12	U	<	11	U	<	11	U	<	12	U
Styrene	<	12	U	<	11	U	<	11	U	<	12	U
Tetrachloroethylene(PCE)	<	12	U	<	11	U	<	11	U	<	12	U
Toluene	11	12		<	11	U	6	11		22	12	
trans-1,2-Dichloroethene	<	12	U	<	11	U	<	11	U	<	12	U
trans-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	12	U
Trichloroethylene (TCE)	<	12	U	<	11	U	<	11	U	<	12	U
Trichlorofluoromethane	<	12	U	<	11	U	<	11	U	<	12	U
Vinyl Chloride	<	12	U	<	11	U	<	11	U	<	12	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	410	U	<	370	U	<	360	U	<	390	U
1,2-Dichlorobenzene	<	410	U	<	370	U	<	360	U	<	390	U
1,2-Diphenylhydrazine	<	410	U	<	370	U	<	360	U	<	390	U
1,3-Dichlorobenzene	<	410	U	<	370	U	<	360	U	<	390	U
1,4-Dichlorobenzene	<	410	U	<	370	U	<	360	U	<	390	U
2,2'-Oxybis(1-Chloro)Propane	<	410	U	<	370	U	<	360	U	<	390	U
2,4,5-Trichlorophenol	<	410	U	<	370	U	<	360	U	<	390	U
2,4,6-Trichlorophenol	<	410	U	<	370	U	<	360	U	<	390	U
2,4-Dichlorophenol	<	410	U	<	370	U	<	360	U	<	390	U
2,4-Dimethylphenol	<	410	U	<	370	U	<	360	U	<	390	U
2,4-Dinitrophenol	<	820	U	<	740	U	<	720	U	<	790	U
2,4-Dinitrotoluene	<	410	U	<	370	U	<	360	U	<	390	U
2,6-Dinitrotoluene	<	410	U	<	370	U	<	360	U	<	390	U
2-Chloronaphthalene	<	410	U	<	370	U	<	360	U	<	390	U
2-Chlorophenol	<	410	U	<	370	U	<	360	U	<	390	U
2-Methylnaphthalene	<	410	U	<	370	U	<	360	U	<	390	U
2-Methylphenol	<	410	U	<	370	U	<	360	U	<	390	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB02-202			CAH-SB02-005			CAH-SB02-010			CAH-SB02-020		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	410	U	<	370	U	<	360	U	<	390	U
2-Nitrophenol	<	410	U	<	370	U	<	360	U	<	390	U
3,3'-Dichlorobenzidine	<	820	U	<	740	U	<	720	U	<	790	U
3-Nitroaniline	<	410	U	<	370	U	<	360	U	<	390	U
4,6-Dinitro-2-Methylphenol	<	820	U	<	740	U	<	720	U	<	790	U
4-Bromophenyl Phenyl Ether	<	410	U	<	370	U	<	360	U	<	390	U
4-Chloro-3-Methylphenol	<	410	U	<	370	U	<	360	U	<	390	U
4-Chloroaniline	<	410	U	<	370	U	<	360	U	<	390	U
4-Chlorophenyl Phenyl Ether	<	410	U	<	370	U	<	360	U	<	390	U
4-Methylphenol	<	410	U	<	370	U	<	360	U	<	390	U
4-Nitroaniline	<	410	U	<	370	U	<	360	U	<	390	U
4-Nitrophenol	<	820	U	<	740	U	<	720	U	<	790	U
Acenaphthene	<	410	U	<	370	U	<	360	U	<	390	U
Acenaphthylene	<	410	U	<	370	U	<	360	U	<	390	U
Aniline	<	410	U	<	370	U	<	360	U	<	390	U
Anthracene	<	410	U	<	370	U	<	360	U	<	390	U
Benzo(a)anthracene	<	410	U	<	370	U	<	360	U	<	390	U
Benzo(a)pyrene	<	410	U	<	370	U	<	360	U	<	390	U
Benzo(b)fluoranthene	<	410	U	<	370	U	<	360	U	<	390	U
Benzo(g,h,i)perylene	<	410	U	<	370	U	<	360	U	<	390	U
Benzo(k)fluoranthene	<	410	U	<	370	U	<	360	U	<	390	U
Benzoic Acid	<	2000	U	<	1900	U	<	1800	U	<	2000	U
Benzyl Alcohol	<	410	U	<	370	U	<	360	U	<	390	U
Benzyl Butyl Phthalate	<	410	U	<	370	U	<	360	U	<	390	U
bis(2-Chloroethoxy) Methane	<	410	U	<	370	U	<	360	U	<	390	U
bis(2-Chloroethyl) Ether	<	410	U	<	370	U	<	360	U	<	390	U
bis(2-Ethylhexyl) Phthalate	<	410	U	<	370	U	<	360	U	<	390	U
Carbazole	<	410	U	<	370	U	<	360	U	<	390	U
Chrysene	<	410	U	<	370	U	<	360	U	<	390	U
Di-N-Butyl Phthalate	<	410	U	<	370	U	<	360	U	<	390	U
Di-N-Octylphthalate	<	410	U	<	370	U	<	360	U	<	390	U
Dibenz(a,h)anthracene	<	410	U	<	370	U	<	360	U	<	390	U
Dibenzofuran	<	410	U	<	370	U	<	360	U	<	390	U
Diethyl Phthalate	<	410	U	<	370	U	<	360	U	<	390	U
Dimethyl Propanedioic	<	410	U	<	370	U	<	360	U	<	390	U
Fluoranthene	<	410	U	<	370	U	<	360	U	<	390	U
Fluorene	<	410	U	<	370	U	<	360	U	<	390	U
Hexachlorobenzene	<	410	U	<	370	U	<	360	U	<	390	U
Hexachlorobutadiene	<	410	U	<	370	U	<	360	U	<	390	U
Hexachlorocyclopentadiene	<	410	U	<	370	U	<	360	U	<	390	U
Hexachloroethane	<	410	U	<	370	U	<	360	U	<	390	U
Indeno(1,2,3-c,d)pyrene	<	410	U	<	370	U	<	360	U	<	390	U
Isophorone	<	410	U	<	370	U	<	360	U	<	390	U
N-Nitrosodi-N-Propylamine	<	410	U	<	370	U	<	360	U	<	390	U
N-Nitrosodiphenylamine	<	410	U	<	370	U	<	360	U	<	390	U
Naphthalene	<	410	U	<	370	U	<	360	U	<	390	U
Nitrobenzene	<	410	U	<	370	U	<	360	U	<	390	U
Pentachlorophenol	<	820	U	<	740	U	<	720	U	<	790	U
Phenanthrene	<	410	U	<	370	U	<	360	U	<	390	U
Phenol	<	410	U	<	370	U	<	360	U	<	390	U
Pyrene	<	410	U	<	370	U	<	360	U	<	390	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	2.1	U	<	1.9	U	<	1.8	U	<	2	U
Alpha BHC	<	2.1	U	<	1.9	U	<	1.8	U	<	2	U
Alpha Endosulfan	<	2.1	U	<	1.9	U	<	1.8	U	<	2	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB02-202			CAH-SB02-005			CAH-SB02-010			CAH-SB02-020		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	2.1	U	<	1.9	U	<	1.8	U	<	2	U
Beta BHC	<	2.1	U	<	1.9	U	<	1.8	U	<	2	U
Beta Endosulfan	<	4	U	<	3.7	U	<	3.5	U	<	3.9	U
Chlordane	<	400	U	<	370	U	<	350	U	<	390	U
DDD	<	4	U	<	3.7	U	<	3.5	U	<	3.9	U
DDE	<	4	U	<	3.7	U	<	3.5	U	<	3.9	U
DDT	<	4	U	<	3.7	U	<	3.5	U	<	3.9	U
Delta BHC	<	2.1	U	<	1.9	U	<	1.8	U	<	2	U
Dieldrin	<	4	U	<	3.7	U	<	3.5	U	<	3.9	U
Endosulfan Sulfate	<	4	U	<	3.7	U	<	3.5	U	<	3.9	U
Endrin	<	4	U	<	3.7	U	<	3.5	U	<	3.9	U
Endrin Aldehyde	<	4	U	<	3.7	U	<	3.5	U	<	3.9	U
Endrin Ketone	<	4	U	<	3.7	U	<	3.5	U	<	3.9	U
Gamma BHC (Lindane)	<	2.1	U	<	1.9	U	<	1.8	U	<	2	U
Gamma-Chlordane	<	2.1	U	<	1.9	U	<	1.8	U	<	2	U
Heptachlor	<	2.1	U	<	1.9	U	<	1.8	U	<	2	U
Heptachlor Epoxide	<	2.1	U	<	1.9	U	<	1.8	U	<	2	U
Methoxychlor	<	21	U	<	19	U	<	18	U	<	20	U
PCB-1016 (Arochlor 1016)	<	40	U	<	37	U	<	35	U	<	39	U
PCB-1221 (Arochlor 1221)	<	40	U	<	37	U	<	35	U	<	39	U
PCB-1232 (Arochlor 1232)	<	40	U	<	37	U	<	35	U	<	39	U
PCB-1242 (Arochlor 1242)	<	40	U	<	37	U	<	35	U	<	39	U
PCB-1248 (Arochlor 1248)	<	40	U	<	37	U	<	35	U	<	39	U
PCB-1254 (Arochlor 1254)	<	40	U	<	37	U	<	35	U	<	39	U
PCB-1260 (Arochlor 1260)	<	40	U	<	37	U	<	35	U	<	39	U
Toxaphene	<	210	U	<	190	U	<	180	U	<	200	U
HERBICIDES (µg/kg)												
2,4 Db	<	1.8	U	<	1.7	U	<	1.6	U	<	1.8	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	1.6	U	<	1.5	U	<	1.4	U	<	1.6	U
2,4-D (Dichlorophenoxyacetic Acid)	<	1.8	U	<	1.7	U	<	1.6	U	<	1.8	U
Dalapon	<	3.3	U	<	3	U	<	2.9	U	<	3.1	U
Dicamba	<	3.3	U	<	3	U	<	2.9	U	<	3.1	U
Dichloroprop	<	1.8	U	<	1.7	U	<	1.6	U	<	1.8	U
Dinoseb	<	410	U	<	3	U	<	2.9	U	<	3.1	U
Mcpa	<	820	U	<	370	U	<	360	U	<	390	U
Mcpp	<	1.6	U	<	740	U	<	720	U	<	790	U
Silvex (2,4,5-Tp)	<	1.5	U	<	1.5	U	<	1.4	U	<	1.6	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO	<	6.1	U	<	5.6	U	<	5.4	U	<	5.9	U
DRO	<	31	U	<	28	U	<	27	U	<	30	U
METALS (mg/kg)												
Aluminum	16600	23		16000	21		10500	19		9660	20	
Antimony	<	6.8	U	<	6.2	UJ	<	5.6	U	<	6.1	U
Arsenic	2.7	2.2		2.5	2		2.4	2		1.4	2.2	
Barium	86.9	23		89.2	21		159	19		186	20	
Beryllium	0.81	0.57		0.74	0.52		0.52	0.47		0.4	0.5	J
Cadmium	<	0.57	U	<	0.52	U	<	0.47	U	<	0.5	U
Calcium	21900	570		28900	520		123000	4700		97500	5000	
Chromium, Total	12.3	1.1		13.1	1		15.1	0.94		12.4	1	
Cobalt	5.7	5.7		5.3	5.2		3.3	4.7		1.9	5	
Copper	8	2.8		8	2.6		4	2.4		2.7	2.5	
Iron	11800	11		11200	10		6650	9.4		5590	10	
Lead	7.5	0.33		8.3	0.31		5.6	0.3		4	0.33	
Magnesium	3130	570		2960	520		3660	470		5300	500	
Manganese	176	1.7		174	1.6		95.8	1.4		55.3	1.5	

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB02-202			CAH-SB02-005			CAH-SB02-010			CAH-SB02-020		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury	<	0.2	U	<	0.21	U	<	0.15	U	<	0.23	U
Nickel	11.6	4.5		11.1	4.2		6.4	3.8		4.6	4	
Potassium	2820	570		2660	520		1900	470		1840	500	
Selenium	0.75	2.7	J	<	2.6	U	<	2.5	U	<	2.8	U
Silver	<	1.1	U	<	1	U	<	0.94	U	<	1	U
Sodium	44.2	570		40.7	520		180	470		149	500	
Thallium	0.3	1.1	J	0.35	1	J	<	1	U	<	1.1	U
Vanadium	23.2	5.7		22.3	5.2		18.2	4.7		18.4	5	
Zinc	30.4	2.3		28.9	2.1		18.3	1.9		15.8	2	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB02-030			CAH-SB02-040			CAH-SB03-002			CAH-SB03-005		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	10	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	10	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	10	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	10	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	10	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	10	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	10	U
2-Hexanone	<	19	U	<	18	U	<	18	U	<	17	U
Acetone	<	170	U	<	96	U	<	60	U	<	17	U
Benzene	<	11	U	<	11	U	<	11	U	<	10	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	10	U
Bromoform	<	11	U	<	11	U	<	11	U	<	10	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	10	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	10	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	10	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	10	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	10	U
Chloroform	<	11	U	<	11	U	<	11	U	<	10	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	10	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	10	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	10	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	10	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	10	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	10	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	10	U
Methyl Ethyl Ketone	<	19	U	<	18	U	<	18	U	<	17	U
Methyl Isobutyl Ketone	14	19		<	18	U	<	18	U	<	17	U
Methylene Chloride	<	14	U	<	34	U	<	12	U	<	10	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	10	U
Styrene	<	11	U	<	11	U	<	11	U	<	10	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	10	U
Toluene	<	11	U	<	11	U	<	11	U	12	10	
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	10	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	10	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	10	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	10	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	10	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	370	U	<	370	U	<	360	U	<	360	U
1,2-Dichlorobenzene	<	370	U	<	370	U	<	360	U	<	360	U
1,2-Diphenylhydrazine	<	370	U	<	370	U	<	360	U	<	360	U
1,3-Dichlorobenzene	<	370	U	<	370	U	<	360	U	<	360	U
1,4-Dichlorobenzene	<	370	U	<	370	U	<	360	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	370	U	<	370	U	<	360	U	<	360	U
2,4,5-Trichlorophenol	<	370	U	<	370	U	<	360	U	<	360	U
2,4,6-Trichlorophenol	<	370	U	<	370	U	<	360	U	<	360	U
2,4-Dichlorophenol	<	370	U	<	370	U	<	360	U	<	360	U
2,4-Dimethylphenol	<	370	U	<	370	U	<	360	U	<	360	U
2,4-Dinitrophenol	<	740	U	<	740	U	<	730	U	<	710	U
2,4-Dinitrotoluene	<	370	U	<	370	U	<	360	U	<	360	U
2,6-Dinitrotoluene	<	370	U	<	370	U	<	360	U	<	360	U
2-Chloronaphthalene	<	370	U	<	370	U	<	360	U	<	360	U
2-Chlorophenol	<	370	U	<	370	U	<	360	U	<	360	U
2-Methylnaphthalene	<	370	U	<	370	U	<	360	U	<	360	U
2-Methylphenol	<	370	U	<	370	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB02-030			CAH-SB02-040			CAH-SB03-002			CAH-SB03-005		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	370	U	<	370	U	<	360	U	<	360	U
2-Nitrophenol	<	370	U	<	370	U	<	360	U	<	360	U
3,3'-Dichlorobenzidine	<	740	U	<	740	U	<	730	U	<	710	U
3-Nitroaniline	<	370	U	<	370	U	<	360	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	740	U	<	740	U	<	730	U	<	710	U
4-Bromophenyl Phenyl Ether	<	370	U	<	370	U	<	360	U	<	360	U
4-Chloro-3-Methylphenol	<	370	U	<	370	U	<	360	U	<	360	U
4-Chloroaniline	<	370	U	<	370	U	<	360	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	370	U	<	370	U	<	360	U	<	360	U
4-Methylphenol	<	370	U	<	370	U	<	360	U	<	360	U
4-Nitroaniline	<	370	U	<	370	U	<	360	U	<	360	U
4-Nitrophenol	<	740	U	<	740	U	<	730	U	<	710	U
Acenaphthene	<	370	U	<	370	U	<	360	U	<	360	U
Acenaphthylene	<	370	U	<	370	U	<	360	U	<	360	U
Aniline	<	370	U	<	370	U	<	360	U	<	360	U
Anthracene	<	370	U	<	370	U	<	360	U	<	360	U
Benzo(a)anthracene	<	370	U	<	370	U	<	360	U	<	360	U
Benzo(a)pyrene	<	370	U	<	370	U	<	360	U	<	360	U
Benzo(b)fluoranthene	<	370	U	<	370	U	<	360	U	<	360	U
Benzo(g,h,i)perylene	<	370	U	<	370	U	<	360	U	<	360	U
Benzo(k)fluoranthene	<	370	U	<	370	U	<	360	U	<	360	U
Benzoic Acid	<	1900	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	370	U	<	370	U	<	360	U	<	360	U
Benzyl Butyl Phthalate	<	370	U	<	370	U	<	360	U	<	360	U
bis(2-Chloroethoxy) Methane	<	370	U	<	370	U	<	360	U	<	360	U
bis(2-Chloroethyl) Ether	<	370	U	<	370	U	<	360	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	1500	U	<	370	U	<	360	U	<	360	U
Carbazole	<	370	U	<	370	U	<	360	U	<	360	U
Chrysene	<	370	U	<	370	U	<	360	U	<	360	U
Di-N-Butyl Phthalate	<	370	U	<	370	U	<	360	U	<	360	U
Di-N-Octylphthalate	<	370	U	<	370	U	<	360	U	<	360	U
Dibenz(a,h)anthracene	<	370	U	<	370	U	<	360	U	<	360	U
Dibenzofuran	<	370	U	<	370	U	<	360	U	<	360	U
Diethyl Phthalate	<	370	U	<	370	U	<	360	U	<	360	U
Dimethyl Propanedioic	<	370	U	<	370	U	<	360	U	<	360	U
Fluoranthene	<	370	U	<	370	U	<	360	U	<	360	U
Fluorene	<	370	U	<	370	U	<	360	U	<	360	U
Hexachlorobenzene	<	370	U	<	370	U	<	360	U	<	360	U
Hexachlorobutadiene	<	370	U	<	370	U	<	360	U	<	360	U
Hexachlorocyclopentadiene	<	370	U	<	370	U	<	360	U	<	360	U
Hexachloroethane	<	370	U	<	370	U	<	360	U	<	360	U
Indeno(1,2,3-c,d)pyrene	<	370	U	<	370	U	<	360	U	<	360	U
Isophorone	<	370	U	<	370	U	<	360	U	<	360	U
N-Nitrosodi-N-Propylamine	<	370	U	<	370	U	<	360	U	<	360	U
N-Nitrosodiphenylamine	<	370	U	<	370	U	<	360	U	<	360	U
Naphthalene	<	370	U	<	370	U	<	360	U	<	360	U
Nitrobenzene	<	370	U	<	370	U	<	360	U	<	360	U
Pentachlorophenol	<	740	U	<	740	U	<	730	U	<	710	U
Phenanthrene	<	370	U	<	370	U	<	360	U	<	360	U
Phenol	<	370	U	<	370	U	<	360	U	<	360	U
Pyrene	<	370	U	<	370	U	<	360	U	<	360	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	1.9	U	<	1.9	U	<	3.7	U	<	3.6	U
Alpha BHC	<	1.9	U	<	1.9	U	<	3.7	U	<	3.6	U
Alpha Endosulfan	<	1.9	U	<	1.9	U	<	3.7	U	<	3.6	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB02-030			CAH-SB02-040			CAH-SB03-002			CAH-SB03-005		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	1.9	U	<	1.9	U	<	3.7	U	<	3.6	U
Beta BHC	<	1.9	U	<	1.9	U	<	3.7	U	<	3.6	U
Beta Endosulfan	<	3.7	U	<	3.7	U	<	7.2	U	<	7.1	U
Chlordane	<	370	U	<	370	U	<	720	U	<	710	U
DDD	<	3.7	U	<	3.7	U	<	7.2	U	<	7.1	U
DDE	<	3.7	U	<	3.7	U	11	7.2		<	7.1	U
DDT	<	3.7	U	<	3.7	U	2.1	7.2		<	7.1	U
Delta BHC	<	1.9	U	<	1.9	U	<	3.7	U	<	3.6	U
Dieldrin	<	3.7	U	<	3.7	U	<	7.2	U	<	7.1	U
Endosulfan Sulfate	<	3.7	U	<	3.7	U	<	7.2	U	<	7.1	U
Endrin	<	3.7	U	<	3.7	U	<	7.2	U	<	7.1	U
Endrin Aldehyde	<	3.7	U	<	3.7	U	<	7.2	U	<	7.1	U
Endrin Ketone	<	3.7	U	<	3.7	U	<	7.2	U	<	7.1	U
Gamma BHC (Lindane)	<	1.9	U	<	1.9	U	<	3.7	U	<	3.6	U
Gamma-Chlordane	<	1.9	U	<	1.9	U	<	3.7	U	<	3.6	U
Heptachlor	<	1.9	U	<	1.9	U	<	3.7	U	<	3.6	U
Heptachlor Epoxide	<	1.9	U	<	1.9	U	<	3.7	U	<	3.6	U
Methoxychlor	<	19	U	<	19	U	<	37	U	<	36	U
PCB-1016 (Arochlor 1016)	<	37	U	<	37	U	<	72	U	<	71	U
PCB-1221 (Arochlor 1221)	<	37	U	<	37	U	<	72	U	<	71	U
PCB-1232 (Arochlor 1232)	<	37	U	<	37	U	<	72	U	<	71	U
PCB-1242 (Arochlor 1242)	<	37	U	<	37	U	<	72	U	<	71	U
PCB-1248 (Arochlor 1248)	<	37	U	<	37	U	<	72	U	<	71	U
PCB-1254 (Arochlor 1254)	<	37	U	<	37	U	<	72	U	<	71	U
PCB-1260 (Arochlor 1260)	<	37	U	<	37	U	<	72	U	<	71	U
Toxaphene	<	190	U	<	190	U	<	370	U	<	360	U
HERBICIDES (µg/kg)												
2,4 Db	<	1.7	U	<	1.7	U	<	3.3	U	<	3.2	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	1.5	U	<	1.5	U	<	2.9	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	1.7	U	<	1.7	U	<	3.3	U	<	3.2	U
Dalapon	<	3	U	<	3	U	<	5.8	U	<	5.7	U
Dicamba	<	3	U	<	3	U	<	5.8	U	<	5.7	U
Dichloroprop	<	1.7	U	<	1.7	U	<	3.3	U	<	3.2	U
Dinoseb	<	3	U	<	3	U	<	5.8	U	<	5.7	U
Mcpa	<	370	U	<	370	U	<	730	U	<	710	U
Mcpp	<	740	U	<	740	U	<	1500	U	<	1400	U
Silvex (2,4,5-Tp)	<	1.5	U	<	1.5	U	<	2.9	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO	<	5.6	U	<	5.5	U	<	11	U	<	10	U
DRO	<	28	U	<	28	U	<	27	U	<	27	U
METALS (mg/kg)												
Aluminum	6720	21		4610	19		11500	21		9020	19	
Antimony	<	6.3	U	<	5.7	U	<	6.4	U	<	5.7	U
Arsenic	1.4	2		1.2	2		2.4	1.6		2.1	2	
Barium	386	21		43.3	19		72.7	21		74.9	19	
Beryllium	0.26	0.53	J	0.17	0.47	J	0.52	0.53	J	0.41	0.48	J
Cadmium	<	0.53	U	<	0.47	U	0.15	0.53	J	0.29	0.48	J
Calcium	125000	5300		56700	470		2830	530		7920	480	
Chromium, Total	12	1.1		7.1	0.95		9.2	1.1		7.5	0.95	
Cobalt	1	5.3		1.1	4.7		3.7	5.3		2.7	4.8	
Copper	<	2.6		<	2.4		6.2	2.7		5.1	2.4	
Iron	3500	11		3110	9.5		9450	11		7630	9.5	
Lead	2.8	0.3		2.1	0.29		9.7	16		11.3	20	
Magnesium	10000	530		6510	470		1590	530		1370	480	
Manganese	31.1	1.6		30.3	1.4		160	1.6		126	1.4	

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB02-030			CAH-SB02-040			CAH-SB03-002			CAH-SB03-005		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury	<	0.2	U	<	0.19	U	<	0.21	U	<	0.21	U
Nickel	3.4	4.2	J	3.2	3.8	J	7.5	4.2		5.6	3.8	
Potassium	1220	530		1010	470		1980	530		1880	480	
Selenium	<	2.5	U	<	2.5	U	<	8.2	U	<	10	U
Silver	<	1.1	U	<	0.95	U	<	1.1	U	<	0.95	U
Sodium	157	530		126	470		37.1	530		22	480	
Thallium	<	1	U	<	0.98	U	<	0.82	U	<	1	U
Vanadium	17.7	5.3		11.8	4.7		19.3	5.3		16.4	4.8	
Zinc	9.5	2.1		7.6	1.9		23.8	2.1		20.3	1.9	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB03-010			CAH-SB03-020			CAH-SB03-030			CAH-SB03-040		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	12	U	<	12	U	<	12	U	<	11	U
1,1,2,2-Tetrachloroethane	<	12	U	<	12	U	<	12	U	<	11	U
1,1,2-Trichloroethane	<	12	U	<	12	U	<	12	U	<	11	U
1,1-Dichloroethane	<	12	U	<	12	U	<	12	U	<	11	U
1,1-Dichloroethene	<	12	U	<	12	U	<	12	U	<	11	U
1,2-Dichloroethane	<	12	U	<	12	U	<	12	U	<	11	U
1,2-Dichloropropane	<	12	U	<	12	U	<	12	U	<	11	U
2-Hexanone	<	20	U	<	20	U	<	19	U	<	18	U
Acetone	<	160	U	<	150	U	<	110	U	<	100	U
Benzene	<	12	U	<	12	U	<	12	U	4	11	
Bromodichloromethane	<	12	U	<	12	U	<	12	U	<	11	U
Bromoform	<	12	U	<	12	U	<	12	U	<	11	U
Bromomethane	<	12	U	<	12	U	<	12	U	<	11	U
Carbon Disulfide	<	12	U	<	12	U	<	12	U	<	11	U
Carbon Tetrachloride	<	12	U	<	12	U	<	12	U	<	11	U
Chlorobenzene	<	12	U	<	12	U	<	12	U	<	11	U
Chloroethane	<	12	U	<	12	U	<	12	U	<	11	U
Chloroform	<	12	U	<	12	U	<	12	U	<	11	U
Chloromethane	<	12	U	<	12	U	<	12	U	<	11	U
cis-1,2-Dichloroethylene	<	12	U	<	12	U	<	12	U	<	11	U
cis-1,3-Dichloropropene	<	12	U	<	12	U	<	12	U	<	11	U
Dibromochloromethane	<	12	U	<	12	U	<	12	U	<	11	U
Dichlorodifluoromethane	<	12	U	<	12	U	<	12	U	<	11	U
Ethylbenzene	<	12	U	<	12	U	<	12	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	12	U	<	12	U	<	12	U	<	11	U
Methyl Ethyl Ketone	<	20	U	<	20	U	<	19	U	<	18	U
Methyl Isobutyl Ketone	<	20	U	<	20	U	<	19	U	<	18	U
Methylene Chloride	<	12	U	<	12	U	<	12	U	<	11	U
O-Xylene (1,2-Dimethylbenzene)	<	12	U	<	12	U	<	12	U	<	11	U
Styrene	<	12	U	<	12	U	<	12	U	<	11	U
Tetrachloroethylene(PCE)	<	12	U	<	12	U	<	12	U	<	11	U
Toluene	<	12	U	<	12	U	<	12	U	13	11	J
trans-1,2-Dichloroethene	<	12	U	<	12	U	<	12	U	<	11	U
trans-1,3-Dichloropropene	<	12	U	<	12	U	<	12	U	<	11	U
Trichloroethylene (TCE)	<	12	U	<	12	U	<	12	U	<	11	U
Trichlorofluoromethane	<	12	U	<	12	U	<	12	U	<	11	U
Vinyl Chloride	<	12	U	<	12	U	<	12	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	400	U	<	410	U	<	390	U	<	360	U
1,2-Dichlorobenzene	<	400	U	<	410	U	<	390	U	<	360	U
1,2-Diphenylhydrazine	<	400	U	<	410	U	<	390	U	<	360	U
1,3-Dichlorobenzene	<	400	U	<	410	U	<	390	U	<	360	U
1,4-Dichlorobenzene	<	400	U	<	410	U	<	390	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	400	U	<	410	U	<	390	U	<	360	U
2,4,5-Trichlorophenol	<	400	U	<	410	U	<	390	U	<	360	U
2,4,6-Trichlorophenol	<	400	U	<	410	U	<	390	U	<	360	U
2,4-Dichlorophenol	<	400	U	<	410	U	<	390	U	<	360	U
2,4-Dimethylphenol	<	400	U	<	410	U	<	390	U	<	360	U
2,4-Dinitrophenol	<	800	U	<	820	U	<	780	U	<	720	U
2,4-Dinitrotoluene	<	400	U	<	410	U	<	390	U	<	360	U
2,6-Dinitrotoluene	<	400	U	<	410	U	<	390	U	<	360	U
2-Chloronaphthalene	<	400	U	<	410	U	<	390	U	<	360	U
2-Chlorophenol	<	400	U	<	410	U	<	390	U	<	360	U
2-Methylnaphthalene	<	400	U	<	410	U	<	390	U	<	360	U
2-Methylphenol	<	400	U	<	410	U	<	390	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB03-010			CAH-SB03-020			CAH-SB03-030			CAH-SB03-040		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	400	U	<	410	U	<	390	U	<	360	U
2-Nitrophenol	<	400	U	<	410	U	<	390	U	<	360	U
3,3'-Dichlorobenzidine	<	800	U	<	820	U	<	780	U	<	720	U
3-Nitroaniline	<	400	U	<	410	U	<	390	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	800	U	<	820	U	<	780	U	<	720	U
4-Bromophenyl Phenyl Ether	<	400	U	<	410	U	<	390	U	<	360	U
4-Chloro-3-Methylphenol	<	400	U	<	410	U	<	390	U	<	360	U
4-Chloroaniline	<	400	U	<	410	U	<	390	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	400	U	<	410	U	<	390	U	<	360	U
4-Methylphenol	<	400	U	<	410	U	<	390	U	<	360	U
4-Nitroaniline	<	400	U	<	410	U	<	390	U	<	360	U
4-Nitrophenol	<	800	U	<	820	U	<	780	U	<	720	U
Acenaphthene	<	400	U	<	410	U	<	390	U	<	360	U
Acenaphthylene	<	400	U	<	410	U	<	390	U	<	360	U
Aniline	<	400	U	<	410	U	<	390	U	<	360	U
Anthracene	<	400	U	<	410	U	<	390	U	<	360	U
Benzo(a)anthracene	<	400	U	<	410	U	<	390	U	<	360	U
Benzo(a)pyrene	<	400	U	<	410	U	<	390	U	<	360	U
Benzo(b)fluoranthene	<	400	U	<	410	U	<	390	U	<	360	U
Benzo(g,h,i)perylene	<	400	U	<	410	U	<	390	U	<	360	U
Benzo(k)fluoranthene	<	400	U	<	410	U	<	390	U	<	360	U
Benzoic Acid	<	2000	U	<	2000	U	<	1900	U	<	1800	U
Benzyl Alcohol	<	400	U	<	410	U	<	390	U	<	360	U
Benzyl Butyl Phthalate	<	400	U	<	410	U	<	390	U	<	360	U
bis(2-Chloroethoxy) Methane	<	400	U	<	410	U	<	390	U	<	360	U
bis(2-Chloroethyl) Ether	<	400	U	<	410	U	<	390	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	400	U	<	410	U	<	390	U	<	360	U
Carbazole	<	400	U	<	410	U	<	390	U	<	360	U
Chrysene	<	400	U	<	410	U	<	390	U	<	360	U
Di-N-Butyl Phthalate	<	400	U	<	410	U	<	390	U	<	360	U
Di-N-Octylphthalate	<	400	U	<	410	U	<	390	U	<	360	U
Dibenz(a,h)anthracene	<	400	U	<	410	U	<	390	U	<	360	U
Dibenzofuran	<	400	U	<	410	U	<	390	U	<	360	U
Diethyl Phthalate	<	400	U	<	410	U	<	390	U	<	360	U
Dimethyl Propanedioic	<	400	U	<	410	U	<	390	U	<	360	U
Fluoranthene	<	400	U	<	410	U	<	390	U	<	360	U
Fluorene	<	400	U	<	410	U	<	390	U	<	360	U
Hexachlorobenzene	<	400	U	<	410	U	<	390	U	<	360	U
Hexachlorobutadiene	<	400	U	<	410	U	<	390	U	<	360	U
Hexachlorocyclopentadiene	<	400	U	<	410	U	<	390	U	<	360	U
Hexachloroethane	<	400	U	<	410	U	<	390	U	<	360	U
Indeno(1,2,3-c,d)pyrene	<	400	U	<	410	U	<	390	U	<	360	U
Isophorone	<	400	U	<	410	U	<	390	U	<	360	U
N-Nitrosodi-N-Propylamine	<	400	U	<	410	U	<	390	U	<	360	U
N-Nitrosodiphenylamine	<	400	U	<	410	U	<	390	U	<	360	U
Naphthalene	<	400	U	<	410	U	<	390	U	<	360	U
Nitrobenzene	<	400	U	<	410	U	<	390	U	<	360	U
Pentachlorophenol	<	800	U	<	820	U	<	780	U	<	720	U
Phenanthrene	<	400	U	<	410	U	<	390	U	<	360	U
Phenol	<	400	U	<	410	U	<	390	U	<	360	U
Pyrene	<	400	U	<	410	U	<	390	U	<	360	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	4.1	U	<	4.2	U	<	4	U	<	3.6	U
Alpha BHC	<	4.1	U	<	4.2	U	<	4	U	<	3.6	U
Alpha Endosulfan	<	4.1	U	<	4.2	U	<	4	U	<	3.6	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB03-010			CAH-SB03-020			CAH-SB03-030			CAH-SB03-040		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	4.1	U	<	4.2	U	<	4	U	<	3.6	U
Beta BHC	<	4.1	U	<	4.2	U	<	4	U	<	3.6	U
Beta Endosulfan	<	7.9	U	<	8.1	U	<	7.7	U	<	7.1	U
Chlordane	<	790	U	<	810	U	<	770	U	<	710	U
DDD	<	7.9	U	<	8.1	U	<	7.7	U	<	7.1	U
DDE	<	7.9	U	<	8.1	U	<	7.7	U	<	7.1	U
DDT	<	7.9	U	<	8.1	U	<	7.7	U	<	7.1	U
Delta BHC	<	4.1	U	<	4.2	U	<	4	U	<	3.6	U
Dieldrin	<	7.9	U	<	8.1	U	<	7.7	U	<	7.1	U
Endosulfan Sulfate	<	7.9	U	<	8.1	U	<	7.7	U	<	7.1	U
Endrin	<	7.9	U	<	8.1	U	<	7.7	U	<	7.1	U
Endrin Aldehyde	<	7.9	U	<	8.1	U	<	7.7	U	<	7.1	U
Endrin Ketone	<	7.9	U	<	8.1	U	<	7.7	U	<	7.1	U
Gamma BHC (Lindane)	<	4.1	U	<	4.2	U	<	4	U	<	3.6	U
Gamma-Chlordane	<	4.1	U	<	4.2	U	<	4	U	<	3.6	U
Heptachlor	<	4.1	U	<	4.2	U	<	4	U	<	3.6	U
Heptachlor Epoxide	<	4.1	U	<	4.2	U	<	4	U	<	3.6	U
Methoxychlor	<	41	U	<	42	U	<	40	U	<	36	U
PCB-1016 (Arochlor 1016)	<	79	U	<	81	U	<	77	U	<	71	U
PCB-1221 (Arochlor 1221)	<	79	U	<	81	U	<	77	U	<	71	U
PCB-1232 (Arochlor 1232)	<	79	U	<	81	U	<	77	U	<	71	U
PCB-1242 (Arochlor 1242)	<	79	U	<	81	U	<	77	U	<	71	U
PCB-1248 (Arochlor 1248)	<	79	U	<	81	U	<	77	U	<	71	U
PCB-1254 (Arochlor 1254)	<	79	U	<	81	U	<	77	U	<	71	U
PCB-1260 (Arochlor 1260)	<	79	U	<	81	U	<	77	U	<	71	U
Toxaphene	<	410	U	<	420	U	<	400	U	<	360	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.6	U	<	3.7	U	<	3.5	U	<	3.2	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	3.2	U	<	3.3	U	<	3.1	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.6	U	<	3.7	U	<	3.5	U	<	3.2	U
Dalapon	<	6.4	U	<	6.5	U	<	6.2	U	<	5.7	U
Dicamba	<	6.4	U	<	6.5	U	<	6.2	U	<	5.7	U
Dichloroprop	<	3.6	U	<	3.7	U	<	3.5	U	<	3.2	U
Dinoseb	<	6.4	U	<	6.5	U	<	6.2	U	<	5.7	U
Mcpa	<	800	U	<	820	U	<	780	U	<	710	U
Mcpp	<	1600	U	<	1600	U	<	1600	U	<	1400	U
Silvex (2,4,5-Tp)	<	3.2	U	<	3.3	U	<	3.1	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO	<	12	U	<	12	U	<	12	U	<	11	U
DRO	<	30	U	<	31	U	<	29	U	<	27	U
METALS (mg/kg)												
Aluminum	11700	23		9800	23		10600	22		4700	20	
Antimony	<	7	U	<	6.9	U	<	6.7	U	<	5.9	U
Arsenic	2.8	2.1		1.2	2.4		1.6	2.2		1.2	1.6	
Barium	351	23		412	23		2240	22		72	20	
Beryllium	0.55	0.58	J	0.36	0.58	J	0.31	0.56	J	0.16	0.49	J
Cadmium	0.3	5.8	J	<	5.8	U	0.17	5.6	U	<	4.9	U
Calcium	181000	580		126000	580		97700	560		115000	490	
Chromium, Total	18.5	1.2		15	1.2		13.9	1.1		11	0.98	
Cobalt	3.2	5.8		2.2	5.8		2.4	5.6		1.3	4.9	
Copper	4	2.9		2.1	2.9		2	2.8		2	2.5	
Iron	7670	12		5670	12		5670	11		2860	9.8	
Lead	6.4	10		3.9	12		2.8	11		1.9	8.1	
Magnesium	4800	580		8830	580		11500	560		9610	490	
Manganese	97.1	1.7		47	1.7		38.7	1.7		25.5	1.5	

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB03-010			CAH-SB03-020			CAH-SB03-030			CAH-SB03-040		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury	<	0.23	U	<	0.22	U	<	0.2	U	<	0.19	U
Nickel	7.1	4.7		5.4	4.6		5.6	4.4		3.3	3.9	J
Potassium	2230	580		1890	580		1930	560		915	490	
Selenium	<	10	U	<	12	U	<	11	U	<	8.1	U
Silver	<	1.2	U	<	1.2	U	<	1.1	U	<	0.98	U
Sodium	272	580		265	580		216	560		91.5	490	
Thallium	<	1	U	<	1.2	U	<	1.1	U	<	0.81	U
Vanadium	22.4	5.8		24	5.8		23	5.6		13.8	4.9	
Zinc	22.5	2.3		14.7	2.3		12.5	2.2		9	2	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB04-002			CAH-SB04-202			CAH-SB04-005			CAH-SB04-010		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	12	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	12	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	12	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	20	U	<	18	U	<	18	U	<	18	U
Acetone	<	85	U	<	85	U	<	160	U	<	140	U
Benzene	<	12	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	12	U	<	11	U	<	11	U	<	11	U
Bromoform	<	12	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	12	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	12	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	12	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	12	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	12	U	<	11	U	<	11	U	<	11	U
Chloroform	<	12	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	12	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	12	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	12	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	12	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	12	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	12	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone	<	20	U	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone	<	20	U	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	15	U	<	11	U	<	11	U	<	11	U
O-Xylene (1,2-Dimethylbenzene)	<	12	U	<	11	U	<	11	U	<	11	U
Styrene	<	12	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	12	U	<	11	U	<	11	U	<	11	U
Toluene	4	12	J	13	11		<	11	U	<	11	U
trans-1,2-Dichloroethene	<	12	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	12	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	12	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	12	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	12	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	390	U	<	360	U	<	370	U	<	350	U
1,2-Dichlorobenzene	<	390	U	<	360	U	<	370	U	<	350	U
1,2-Diphenylhydrazine	<	390	U	<	360	U	<	370	U	<	350	U
1,3-Dichlorobenzene	<	390	U	<	360	U	<	370	U	<	350	U
1,4-Dichlorobenzene	<	390	U	<	360	U	<	370	U	<	350	U
2,2'-Oxybis(1-Chloro)Propane	<	390	U	<	360	U	<	370	U	<	350	U
2,4,5-Trichlorophenol	<	390	U	<	360	U	<	370	U	<	350	U
2,4,6-Trichlorophenol	<	390	U	<	360	U	<	370	U	<	350	U
2,4-Dichlorophenol	<	390	U	<	360	U	<	370	U	<	350	U
2,4-Dimethylphenol	<	390	U	<	360	U	<	370	U	<	350	U
2,4-Dinitrophenol	<	780	U	<	720	U	<	740	U	<	710	U
2,4-Dinitrotoluene	<	390	U	<	360	U	<	370	U	<	350	U
2,6-Dinitrotoluene	<	390	U	<	360	U	<	370	U	<	350	U
2-Chloronaphthalene	<	390	U	<	360	U	<	370	U	<	350	U
2-Chlorophenol	<	390	U	<	360	U	<	370	U	<	350	U
2-Methylnaphthalene	<	390	U	<	360	U	<	370	U	<	350	U
2-Methylphenol	<	390	U	<	360	U	<	370	U	<	350	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB04-002			CAH-SB04-202			CAH-SB04-005			CAH-SB04-010		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	390	U	<	360	U	<	370	U	<	350	U
2-Nitrophenol	<	390	U	<	360	U	<	370	U	<	350	U
3,3'-Dichlorobenzidine	<	780	U	<	720	U	<	740	U	<	710	U
3-Nitroaniline	<	390	U	<	360	U	<	370	U	<	350	U
4,6-Dinitro-2-Methylphenol	<	780	U	<	720	U	<	740	U	<	710	U
4-Bromophenyl Phenyl Ether	<	390	U	<	360	U	<	370	U	<	350	U
4-Chloro-3-Methylphenol	<	390	U	<	360	U	<	370	U	<	350	U
4-Chloroaniline	<	390	U	<	360	U	<	370	U	<	350	U
4-Chlorophenyl Phenyl Ether	<	390	U	<	360	U	<	370	U	<	350	U
4-Methylphenol	<	390	U	<	360	U	<	370	U	<	350	U
4-Nitroaniline	<	390	U	<	360	U	<	370	U	<	350	U
4-Nitrophenol	<	780	U	<	720	U	<	740	U	<	710	U
Acenaphthene	<	390	U	<	360	U	<	370	U	<	350	U
Acenaphthylene	<	390	U	<	360	U	<	370	U	<	350	U
Aniline	<	390	U	<	360	U	<	370	U	<	350	U
Anthracene	<	390	U	<	360	U	<	370	U	<	350	U
Benzo(a)anthracene	<	390	U	<	360	U	<	370	U	<	350	U
Benzo(a)pyrene	<	390	U	<	360	U	<	370	U	<	350	U
Benzo(b)fluoranthene	<	390	U	<	360	U	<	370	U	<	350	U
Benzo(g,h,i)perylene	<	390	U	<	360	U	<	370	U	<	350	U
Benzo(k)fluoranthene	<	390	U	<	360	U	<	370	U	<	350	U
Benzoic Acid	<	2000	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	390	U	<	360	U	<	370	U	<	350	U
Benzyl Butyl Phthalate	<	390	U	<	360	U	<	370	U	<	350	U
bis(2-Chloroethoxy) Methane	<	390	U	<	360	U	<	370	U	<	350	U
bis(2-Chloroethyl) Ether	<	390	U	<	360	U	<	370	U	<	350	U
bis(2-Ethylhexyl) Phthalate	71	390		<	360	U	<	370	U	<	350	
Carbazole	<	390	U	<	360	U	<	370	U	<	350	U
Chrysene	<	390	U	<	360	U	<	370	U	<	350	U
Di-N-Butyl Phthalate	<	390	U	<	360	U	15	370	J	<	350	U
Di-N-Octylphthalate	<	390	U	<	360	U	<	370	U	<	350	U
Dibenz(a,h)anthracene	<	390	U	<	360	U	<	370	U	<	350	U
Dibenzofuran	<	390	U	<	360	U	<	370	U	<	350	U
Diethyl Phthalate	<	390	U	<	360	U	<	370	U	<	350	U
Dimethyl Propanedioic	<	390	U	<	360	U	<	370	U	<	350	U
Fluoranthene	<	390	U	<	360	U	<	370	U	<	350	U
Fluorene	<	390	U	<	360	U	<	370	U	<	350	U
Hexachlorobenzene	<	390	U	<	360	U	<	370	U	<	350	U
Hexachlorobutadiene	<	390	U	<	360	U	<	370	U	<	350	U
Hexachlorocyclopentadiene	<	390	U	<	360	U	<	370	U	<	350	U
Hexachloroethane	<	390	U	<	360	U	<	370	U	<	350	U
Indeno(1,2,3-c,d)pyrene	<	390	U	<	360	U	<	370	U	<	350	U
Isophorone	<	390	U	<	360	U	<	370	U	<	350	U
N-Nitrosodi-N-Propylamine	<	390	U	<	360	U	<	370	U	<	350	U
N-Nitrosodiphenylamine	<	390	U	<	360	U	<	370	U	<	350	U
Naphthalene	<	390	U	<	360	U	<	370	U	<	350	U
Nitrobenzene	<	390	U	<	360	U	<	370	U	<	350	U
Pentachlorophenol	<	780	U	<	720	U	<	740	U	<	710	U
Phenanthrene	<	390	U	<	360	U	<	370	U	<	350	U
Phenol	<	390	U	<	360	U	<	370	U	<	350	U
Pyrene	<	390	U	<	360	U	<	370	U	<	350	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	4	U	<	3.7	U	<	3.8	U	<	3.6	U
Alpha BHC	<	4	U	<	3.7	U	<	3.8	U	<	3.6	U
Alpha Endosulfan	<	4	U	<	3.7	U	<	3.8	U	<	3.6	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB04-002			CAH-SB04-202			CAH-SB04-005			CAH-SB04-010		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	4	U	<	3.7	U	<	3.8	U	<	3.6	U
Beta BHC	<	4	U	<	3.7	U	<	3.8	U	<	3.6	U
Beta Endosulfan	<	7.7	U	<	7.1	U	<	7.3	U	<	7	U
Chlordane	<	770	U	<	710	U	<	730	U	<	700	U
DDD	<	7.7	U	<	7.1	U	<	7.3	U	<	7	U
DDE	<	7.7	U	<	7.1	U	<	7.3	U	<	7	U
DDT	<	7.7	U	<	7.1	U	<	7.3	U	<	7	U
Delta BHC	<	4	U	<	3.7	U	<	3.8	U	<	3.6	U
Dieldrin	<	7.7	U	<	7.1	U	<	7.3	U	<	7	U
Endosulfan Sulfate	<	7.7	U	<	7.1	U	<	7.3	U	<	7	U
Endrin	<	7.7	U	<	7.1	U	<	7.3	U	<	7	U
Endrin Aldehyde	<	7.7	U	<	7.1	U	<	7.3	U	<	7	U
Endrin Ketone	<	7.7	U	<	7.1	U	<	7.3	U	<	7	U
Gamma BHC (Lindane)	<	4	U	<	3.7	U	<	3.8	U	<	3.6	U
Gamma-Chlordane	<	4	U	<	3.7	U	<	3.8	U	<	3.6	U
Heptachlor	<	4	U	<	3.7	U	<	3.8	U	<	3.6	U
Heptachlor Epoxide	<	4	U	<	3.7	U	<	3.8	U	<	3.6	U
Methoxychlor	<	40	U	<	37	U	<	38	U	<	36	U
PCB-1016 (Arochlor 1016)	<	77	U	<	71	U	<	73	U	<	70	U
PCB-1221 (Arochlor 1221)	<	77	U	<	71	U	<	73	U	<	70	U
PCB-1232 (Arochlor 1232)	<	77	U	<	71	U	<	73	U	<	70	U
PCB-1242 (Arochlor 1242)	<	77	U	<	71	U	<	73	U	<	70	U
PCB-1248 (Arochlor 1248)	<	77	U	<	71	U	<	73	U	<	70	U
PCB-1254 (Arochlor 1254)	<	77	U	<	71	U	<	73	U	<	70	U
PCB-1260 (Arochlor 1260)	<	77	U	<	71	U	<	73	U	<	70	U
Toxaphene	<	400	U	<	370	U	<	380	U	<	360	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.5	U	<	3.2	U	<	3.3	U	<	3.2	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	3.1	U	<	2.9	U	<	2.9	U	<	2.8	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.5	U	<	3.2	U	<	3.3	U	<	3.2	U
Dalapon	<	6.2	U	<	5.7	U	<	5.9	U	<	5.6	U
Dicamba	<	6.2	U	<	5.7	U	<	5.9	U	<	5.6	U
Dichloroprop	<	3.5	U	<	3.2	U	<	3.3	U	<	3.2	U
Dinoseb	<	6.2	U	<	6.2	U	<	5.9	U	<	5.6	U
Mcpa	<	780	U	<	720	U	<	740	U	<	710	U
Mcpp	<	1600	U	<	1400	U	<	1500	U	<	1400	U
Silvex (2,4,5-Tp)	<	3.1	U	<	2.9	U	<	2.9	U	<	2.8	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO	<	12	U	<	11	U	<	11	U	<	11	U
DRO	<	29	U	<	27	U	<	28	U	<	27	U
METALS (mg/kg)												
Aluminum	9060	21		9050	19		17500	20		15800	19	
Antimony	<	6.2	U	<	5.7	U	<	5.9	U	1.8	5.8	J
Arsenic	2.8	2.2		2.4	2		3.1	2		2.6	1.9	
Barium	63.8	21		62.2	19		210	20		686	19	
Beryllium	0.45	0.51	J	0.4	0.47	J	0.73	0.49		0.75	0.48	
Cadmium	0.28	0.51	J	<	0.47	U	0.2	0.49	J	0.4	4.8	J
Calcium	2330	510		4020	470		22000	490		105000	480	
Chromium, Total	8.1	1		7.8	0.94		12.9	0.99		15.5	0.96	
Cobalt	3.3	5.1		2.8	4.7	J	4.6	4.9		3.5	4.8	
Copper	5.1	2.6		4.3	2.4		7.9	2.5		4.8	2.4	
Iron	8600	10		7460	9.4		12000	9.9		9090	9.6	
Lead	7.3	11		6.2	9.9		10	9.9		5.9	9.4	
Magnesium	1280	510		1220	470		2700	490		4340	480	
Manganese	147	1.5		119	1.4		155	1.5		113	1.4	

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB04-002			CAH-SB04-202			CAH-SB04-005			CAH-SB04-010		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury	<	0.2	U	<	0.17	U	<	0.2	U	<	0.19	U
Nickel	6.5	4.1		5.8	3.8		10.6	3.9		8.4	3.9	
Potassium	1720	510		1580	470		2720	490		2280	480	
Selenium	<	11	U	<	9.9	U	<	9.9	U	<	9.4	U
Silver	<	1	U	<	0.94	U	<	0.99	U	<	0.96	U
Sodium	22.2	510		27.2	470		69.3	490		149	480	
Thallium	<	1.1	U	<	0.99	U	<	0.99	U	<	0.94	U
Vanadium	18.3	5.1		16	4.7		24	4.9		22.9	4.8	
Zinc	19.6	2.1		19.3	1.9		29.1	2		23.1	1.9	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB04-020			CAH-SB04-030			CAH-SB04-040			CAH-SB05-002		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	18	U	<	18	U	<	18	U
Acetone	<	100	U	<	110	U	<	78	U	<	18	U
Benzene	<	11	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Bromoform	<	11	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	11	U	<	11	U	<	11	U
Chloroform	<	11	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone	<	18	U	<	18	U	<	18	U	<	18	U
Methyl Isobutyl Ketone	<	18	U	<	18	U	<	18	U	<	18	U
Methylene Chloride	<	12	U	<	11	U	<	11	U	<	39	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U	<	11	U
Styrene	<	11	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U	<	11	U
Toluene	<	11	U	7	11	J	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
1,2-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
1,2-Diphenylhydrazine	<	360	U	<	360	U	<	360	U	<	360	U
1,3-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
1,4-Dichlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	360	U	<	360	U	<	360	U
2,4,5-Trichlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4,6-Trichlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4-Dichlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4-Dimethylphenol	<	360	U	<	360	U	<	360	U	<	360	U
2,4-Dinitrophenol	<	720	U	<	720	U	<	720	U	<	730	U
2,4-Dinitrotoluene	<	360	U	<	360	U	<	360	U	<	360	U
2,6-Dinitrotoluene	<	360	U	<	360	U	<	360	U	<	360	U
2-Chloronaphthalene	<	360	U	<	360	U	<	360	U	<	360	U
2-Chlorophenol	<	360	U	<	360	U	<	360	U	<	360	U
2-Methylnaphthalene	<	360	U	<	360	U	<	360	U	<	360	U
2-Methylphenol	<	360	U	<	360	U	<	360	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB04-020			CAH-SB04-030			CAH-SB04-040			CAH-SB05-002		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	360	U	<	360	U	<	360	U	<	360	U
2-Nitrophenol	<	360	U	<	360	U	<	360	U	<	360	U
3,3'-Dichlorobenzidine	<	720	U	<	720	U	<	720	U	<	730	U
3-Nitroaniline	<	360	U	<	360	U	<	360	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	720	U	<	720	U	<	720	U	<	730	U
4-Bromophenyl Phenyl Ether	<	360	U	<	360	U	<	360	U	<	360	U
4-Chloro-3-Methylphenol	<	360	U	<	360	U	<	360	U	<	360	U
4-Chloroaniline	<	360	U	<	360	U	<	360	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	360	U	<	360	U	<	360	U
4-Methylphenol	<	360	U	<	360	U	<	360	U	<	360	U
4-Nitroaniline	<	360	U	<	360	U	<	360	U	<	360	U
4-Nitrophenol	<	720	U	<	720	U	<	720	U	<	730	U
Acenaphthene	<	360	U	<	360	U	<	360	U	<	360	U
Acenaphthylene	<	360	U	<	360	U	<	360	U	<	360	U
Aniline	<	360	U	<	360	U	<	360	U	<	360	U
Anthracene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(a)anthracene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(a)pyrene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(b)fluoranthene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(g,h,i)perylene	<	360	U	<	360	U	<	360	U	<	360	U
Benzo(k)fluoranthene	<	360	U	<	360	U	<	360	U	<	360	U
Benzoic Acid	<	1800	U	<	1800	U	<	1800	U	<	1800	U
Benzyl Alcohol	<	360	U	<	360	U	<	360	U	<	360	U
Benzyl Butyl Phthalate	<	360	U	<	360	U	<	360	U	<	360	U
bis(2-Chloroethoxy) Methane	<	360	U	<	360	U	<	360	U	<	360	U
bis(2-Chloroethyl) Ether	<	360	U	<	360	U	<	360	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	360		<	360		<	360		<	360	
Carbazole	<	360	U	<	360	U	<	360	U	<	360	U
Chrysene	<	360	U	<	360	U	<	360	U	<	360	U
Di-N-Butyl Phthalate	<	360	U	<	360	U	<	360	U	<	360	U
Di-N-Octylphthalate	<	360	U	<	360	U	<	360	U	<	360	U
Dibenz(a,h)anthracene	<	360	U	<	360	U	<	360	U	<	360	U
Dibenzofuran	<	360	U	<	360	U	<	360	U	<	360	U
Diethyl Phthalate	<	360	U	<	360	U	<	360	U	<	360	U
Dimethyl Propanedioic	<	360	U	<	360	U	<	360	U	<	360	U
Fluoranthene	<	360	U	<	360	U	<	360	U	<	360	U
Fluorene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachlorobenzene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachlorobutadiene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachlorocyclopentadiene	<	360	U	<	360	U	<	360	U	<	360	U
Hexachloroethane	<	360	U	<	360	U	<	360	U	<	360	U
Indeno(1,2,3-c,d)pyrene	<	360	U	<	360	U	<	360	U	<	360	U
Isophorone	<	360	U	<	360	U	<	360	U	<	360	U
N-Nitrosodi-N-Propylamine	<	360	U	<	360	U	<	360	U	<	360	U
N-Nitrosodiphenylamine	<	360	U	<	360	U	<	360	U	<	360	U
Naphthalene	<	360	U	<	360	U	<	360	U	<	360	U
Nitrobenzene	<	360	U	<	360	U	<	360	U	<	360	U
Pentachlorophenol	<	720	U	<	720	U	<	720	U	<	730	U
Phenanthrene	<	360	U	<	360	U	<	360	U	<	360	U
Phenol	<	360	U	<	360	U	<	360	U	<	360	U
Pyrene	<	360	U	<	360	U	<	360	U	<	360	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Alpha BHC	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Alpha Endosulfan	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB04-020			CAH-SB04-030			CAH-SB04-040			CAH-SB05-002		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Beta BHC	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Beta Endosulfan	<	7.1	U	<	7.1	U	<	7.1	U	<	7.2	U
Chlordane	<	710	U	<	710	U	<	710	U	<	720	U
DDD	<	7.1	U	<	7.1	U	<	7.1	U	<	7.2	U
DDE	<	7.1	U	<	7.1	U	<	7.1	U	<	7.2	U
DDT	<	7.1	U	<	7.1	U	<	7.1	U	<	7.2	U
Delta BHC	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Dieldrin	<	7.1	U	<	7.1	U	<	7.1	U	<	7.2	U
Endosulfan Sulfate	<	7.1	U	<	7.1	U	<	7.1	U	<	7.2	U
Endrin	<	7.1	U	<	7.1	U	<	7.1	U	<	7.2	U
Endrin Aldehyde	<	7.1	U	<	7.1	U	<	7.1	U	<	7.2	U
Endrin Ketone	<	7.1	U	<	7.1	U	<	7.1	U	<	7.2	U
Gamma BHC (Lindane)	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Gamma-Chlordane	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Heptachlor	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Heptachlor Epoxide	<	3.7	U	<	3.7	U	<	3.7	U	<	3.7	U
Methoxychlor	<	37	U	<	37	U	<	37	U	<	37	U
PCB-1016 (Arochlor 1016)	<	71	U	<	71	U	<	71	U	<	72	U
PCB-1221 (Arochlor 1221)	<	71	U	<	71	U	<	71	U	<	72	U
PCB-1232 (Arochlor 1232)	<	71	U	<	71	U	<	71	U	<	72	U
PCB-1242 (Arochlor 1242)	<	71	U	<	71	U	<	71	U	<	72	U
PCB-1248 (Arochlor 1248)	<	71	U	<	71	U	<	71	U	<	72	U
PCB-1254 (Arochlor 1254)	<	71	U	<	71	U	<	71	U	<	72	U
PCB-1260 (Arochlor 1260)	<	71	U	<	71	U	<	71	U	<	72	U
Toxaphene	<	370	U	<	370	U	<	370	U	<	370	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.2	U	<	3.2	U	<	3.2	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	2.9	U	<	2.9	U	<	2.9	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.2	U	<	3.2	U	<	3.2	U	<	3.3	U
Dalapon	<	5.7	U	<	5.7	U	<	5.8	U	<	5.8	U
Dicamba	<	5.7	U	<	5.7	U	<	5.8	U	<	5.8	U
Dichloroprop	<	3.2	U	<	3.2	U	<	3.2	U	<	3.3	U
Dinoseb	<	5.7	U	<	5.7	U	<	5.8	U	<	5.8	U
Mcpa	<	720	U	<	720	U	<	720	U	<	730	U
Mcpp	<	1400	U	<	1400	U	<	1400	U	<	1500	U
Silvex (2,4,5-Tp)	<	2.9	U	<	2.9	U	<	2.9	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO	<	11	U	<	11	U	<	11	U	<	11	U
DRO	<	27	U	<	27	U	<	27	U	<	27	U
METALS (mg/kg)												
Aluminum	7860	20		9530	19		6460	19		16300	20	
Antimony	<	6	U	<	5.8	U	<	5.7	U	<	5.9	U
Arsenic	1.8	1.9		2.1	1.8		1.6	1.9		3.9	1	J
Barium	217	20		447	19		372	19		91	20	
Beryllium	0.4	0.5	J	0.4	0.48	J	0.25	0.47	J	0.73	0.49	
Cadmium	0.21	5	J	<	4.8	U	0.13	0.47	J	<	0.49	U
Calcium	79500	500		118000	480		37400	470		3430	490	
Chromium, Total	10.6	1		14.7	0.96		6.8	0.95		12	0.98	
Cobalt	2.4	5		2.6	4.8		1.4	4.7		5.1	4.9	
Copper	2.4	2.5		3.1	2.4		2.4	2.4		7.8	2.5	
Iron	5870	10		5760	9.6		3780	9.5		12500	9.8	
Lead	3.9	9.5		4.2	9.2		2.3	9.6		8.7	10	
Magnesium	3500	500		9530	480		8930	470		2170	490	
Manganese	81.8	1.5		71.2	1.4		33.4	1.4		200	1.5	

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB04-020			CAH-SB04-030			CAH-SB04-040			CAH-SB05-002		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury	<	0.19	U	<	0.19	U	<	0.21	U	0.04	0.17	J
Nickel	5.5	4		5.7	3.9		4	3.8		10	3.9	
Potassium	1960	500		2150	480		1390	470		2470	490	
Selenium	<	9.5	U	<	9.2	U	<	9.6	U	<	0.52	U
Silver	<	1	U	<	0.96	U	<	0.95	U	<	0.98	U
Sodium	219	500		241	480		102	470		188	490	
Thallium	<	0.95	U	<	0.92	U	<	0.96	U	0.27	1	J
Vanadium	14.3	5		18.2	4.8		15.1	4.7		25.6	4.9	
Zinc	16.3	2		15.6	1.9		9.1	1.9		28.9	2	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB05-005			CAH-SB05-010			CAH-SB05-020			CAH-SB05-030		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	13	U	<	11	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	13	U	<	11	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	13	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethane	<	13	U	<	11	U	<	11	U	<	11	U
1,1-Dichloroethene	<	13	U	<	11	U	<	11	U	<	11	U
1,2-Dichloroethane	<	13	U	<	11	U	<	11	U	<	11	U
1,2-Dichloropropane	<	13	U	<	11	U	<	11	U	<	11	U
2-Hexanone	<	21	U	<	18	U	<	19	U	<	18	U
Acetone	<	21	U	<	18	U	<	19	U	<	18	U
Benzene	<	13	U	<	11	U	<	11	U	<	11	U
Bromodichloromethane	<	13	U	<	11	U	<	11	U	<	11	U
Bromoform	<	13	U	<	11	U	<	11	U	<	11	U
Bromomethane	<	13	U	<	11	U	<	11	U	<	11	U
Carbon Disulfide	<	13	U	<	11	U	<	11	U	<	11	U
Carbon Tetrachloride	<	13	U	<	11	U	<	11	U	<	11	U
Chlorobenzene	<	13	U	<	11	U	<	11	U	<	11	U
Chloroethane	<	13	U	<	11	U	<	11	U	<	11	U
Chloroform	<	13	U	<	11	U	<	11	U	<	11	U
Chloromethane	<	13	U	<	11	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	13	U	<	11	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	13	U	<	11	U	<	11	U	<	11	U
Dibromochloromethane	<	13	U	<	11	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	13	U	<	11	U	<	11	U	<	11	U
Ethylbenzene	<	13	U	<	11	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	13	U	<	11	U	<	11	U	<	11	U
Methyl Ethyl Ketone	<	21	U	<	18	U	<	19	U	<	18	U
Methyl Isobutyl Ketone	<	21	U	<	18	U	<	19	U	<	18	U
Methylene Chloride	<	19	U	<	31	U	<	30	U	<	39	U
O-Xylene (1,2-Dimethylbenzene)	<	13	U	<	11	U	<	11	U	<	11	U
Styrene	<	13	U	<	11	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	13	U	<	11	U	<	11	U	<	11	U
Toluene	<	13	U	<	11	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	13	U	<	11	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	13	U	<	11	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	13	U	<	11	U	<	11	U	<	11	U
Trichlorofluoromethane	<	13	U	<	11	U	<	11	U	<	11	U
Vinyl Chloride	<	13	U	<	11	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	430	U	<	360	U	<	370	U	<	360	U
1,2-Dichlorobenzene	<	430	U	<	360	U	<	370	U	<	360	U
1,2-Diphenylhydrazine	<	430	U	<	360	U	<	370	U	<	360	U
1,3-Dichlorobenzene	<	430	U	<	360	U	<	370	U	<	360	U
1,4-Dichlorobenzene	<	430	U	<	360	U	<	370	U	<	360	U
2,2'-Oxybis(1-Chloro)Propane	<	430	U	<	360	U	<	370	U	<	360	U
2,4,5-Trichlorophenol	<	430	U	<	360	U	<	370	U	<	360	U
2,4,6-Trichlorophenol	<	430	U	<	360	U	<	370	U	<	360	U
2,4-Dichlorophenol	<	430	U	<	360	U	<	370	U	<	360	U
2,4-Dimethylphenol	<	430	U	<	360	U	<	370	U	<	360	U
2,4-Dinitrophenol	<	860	U	<	710	U	<	740	U	<	730	U
2,4-Dinitrotoluene	<	430	U	<	360	U	<	370	U	<	360	U
2,6-Dinitrotoluene	<	430	U	<	360	U	<	370	U	<	360	U
2-Chloronaphthalene	<	430	U	<	360	U	<	370	U	<	360	U
2-Chlorophenol	<	430	U	<	360	U	<	370	U	<	360	U
2-Methylnaphthalene	<	430	U	<	360	U	<	370	U	<	360	U
2-Methylphenol	<	430	U	<	360	U	<	370	U	<	360	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB05-005			CAH-SB05-010			CAH-SB05-020			CAH-SB05-030		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	430	U	<	360	U	<	370	U	<	360	U
2-Nitrophenol	<	430	U	<	360	U	<	370	U	<	360	U
3,3'-Dichlorobenzidine	<	860	U	<	710	U	<	740	U	<	730	U
3-Nitroaniline	<	430	U	<	360	U	<	370	U	<	360	U
4,6-Dinitro-2-Methylphenol	<	860	U	<	710	U	<	740	U	<	730	U
4-Bromophenyl Phenyl Ether	<	430	U	<	360	U	<	370	U	<	360	U
4-Chloro-3-Methylphenol	<	430	U	<	360	U	<	370	U	<	360	U
4-Chloroaniline	<	430	U	<	360	U	<	370	U	<	360	U
4-Chlorophenyl Phenyl Ether	<	430	U	<	360	U	<	370	U	<	360	U
4-Methylphenol	<	430	U	<	360	U	<	370	U	<	360	U
4-Nitroaniline	<	430	U	<	360	U	<	370	U	<	360	U
4-Nitrophenol	<	860	U	<	710	U	<	740	U	<	730	U
Acenaphthene	<	430	U	<	360	U	<	370	U	<	360	U
Acenaphthylene	<	430	U	<	360	U	<	370	U	<	360	U
Aniline	<	430	U	<	360	U	<	370	U	<	360	U
Anthracene	<	430	U	<	360	U	<	370	U	<	360	U
Benzo(a)anthracene	<	430	U	<	360	U	<	370	U	<	360	U
Benzo(a)pyrene	<	430	U	<	360	U	<	370	U	<	360	U
Benzo(b)fluoranthene	<	430	U	<	360	U	<	370	U	<	360	U
Benzo(g,h,i)perylene	<	430	U	<	360	U	<	370	U	<	360	U
Benzo(k)fluoranthene	<	430	U	<	360	U	<	370	U	<	360	U
Benzoic Acid	<	2100	U	<	1800	U	<	1900	U	<	1800	U
Benzyl Alcohol	<	430	U	<	360	U	<	370	U	<	360	U
Benzyl Butyl Phthalate	<	430	U	<	360	U	<	370	U	<	360	U
bis(2-Chloroethoxy) Methane	<	430	U	<	360	U	<	370	U	<	360	U
bis(2-Chloroethyl) Ether	<	430	U	<	360	U	<	370	U	<	360	U
bis(2-Ethylhexyl) Phthalate	<	430		<	360		<	370		<	360	
Carbazole	<	430	U	<	360	U	<	370	U	<	360	U
Chrysene	<	430	U	<	360	U	<	370	U	<	360	U
Di-N-Butyl Phthalate	<	430	U	<	360	U	<	370	U	<	360	U
Di-N-Octylphthalate	<	430	U	<	360	U	<	370	U	<	360	U
Dibenz(a,h)anthracene	<	430	U	<	360	U	<	370	U	<	360	U
Dibenzofuran	<	430	U	<	360	U	<	370	U	<	360	U
Diethyl Phthalate	<	430	U	<	360	U	<	370	U	<	360	U
Dimethyl Propanedioic	<	430	U	<	360	U	<	370	U	<	360	U
Fluoranthene	<	430	U	<	360	U	<	370	U	<	360	U
Fluorene	<	430	U	<	360	U	<	370	U	<	360	U
Hexachlorobenzene	<	430	U	<	360	U	<	370	U	<	360	U
Hexachlorobutadiene	<	430	U	<	360	U	<	370	U	<	360	U
Hexachlorocyclopentadiene	<	430	U	<	360	U	<	370	U	<	360	U
Hexachloroethane	<	430	U	<	360	U	<	370	U	<	360	U
Indeno(1,2,3-c,d)pyrene	<	430	U	<	360	U	<	370	U	<	360	U
Isophorone	<	430	U	<	360	U	<	370	U	<	360	U
N-Nitrosodi-N-Propylamine	<	430	U	<	360	U	<	370	U	<	360	U
N-Nitrosodiphenylamine	<	430	U	<	360	U	<	370	U	<	360	U
Naphthalene	<	430	U	<	360	U	<	370	U	<	360	U
Nitrobenzene	<	430	U	<	360	U	<	370	U	<	360	U
Pentachlorophenol	<	860	U	<	710	U	<	740	U	<	730	U
Phenanthrene	<	430	U	<	360	U	<	370	U	<	360	U
Phenol	<	430	U	<	360	U	<	370	U	<	360	U
Pyrene	<	430	U	<	360	U	<	370	U	<	360	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	4.4	U	<	3.6	U	<	3.8	U	<	3.7	U
Alpha BHC	<	4.4	U	<	3.6	U	<	3.8	U	<	3.7	U
Alpha Endosulfan	<	4.4	U	<	3.6	U	<	3.8	U	<	3.7	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB05-005			CAH-SB05-010			CAH-SB05-020			CAH-SB05-030		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	4.4	U	<	3.6	U	<	3.8	U	<	3.7	U
Beta BHC	<	4.4	U	<	3.6	U	<	3.8	U	<	3.7	U
Beta Endosulfan	<	8.5	U	<	7	U	<	7.3	U	<	7.2	U
Chlordane	<	850	U	<	700	U	<	730	U	<	720	U
DDD	<	8.5	U	<	7	U	<	7.3	U	<	7.2	U
DDE	<	8.5	U	<	7	U	<	7.3	U	<	7.2	U
DDT	<	8.5	U	<	7	U	<	7.3	U	<	7.2	U
Delta BHC	<	4.4	U	<	3.6	U	<	3.8	U	<	3.7	U
Dieldrin	<	8.5	U	<	7	U	<	7.3	U	<	7.2	U
Endosulfan Sulfate	<	8.5	U	<	7	U	<	7.3	U	<	7.2	U
Endrin	<	8.5	U	<	7	U	<	7.3	U	<	7.2	U
Endrin Aldehyde	<	8.5	U	<	7	U	<	7.3	U	<	7.2	U
Endrin Ketone	<	8.5	U	<	7	U	<	7.3	U	<	7.2	U
Gamma BHC (Lindane)	<	4.4	U	<	3.6	U	<	3.8	U	<	3.7	U
Gamma-Chlordane	<	4.4	U	<	3.6	U	<	3.8	U	<	3.7	U
Heptachlor	<	4.4	U	<	3.6	U	<	3.8	U	<	3.7	U
Heptachlor Epoxide	<	4.4	U	<	3.6	U	<	3.8	U	<	3.7	U
Methoxychlor	<	44	U	<	36	U	<	38	U	<	37	U
PCB-1016 (Arochlor 1016)	<	85	U	<	70	U	<	73	U	<	72	U
PCB-1221 (Arochlor 1221)	<	85	U	<	70	U	<	73	U	<	72	U
PCB-1232 (Arochlor 1232)	<	85	U	<	70	U	<	73	U	<	72	U
PCB-1242 (Arochlor 1242)	<	85	U	<	70	U	<	73	U	<	72	U
PCB-1248 (Arochlor 1248)	<	85	U	<	70	U	<	73	U	<	72	U
PCB-1254 (Arochlor 1254)	<	85	U	<	70	U	<	73	U	<	72	U
PCB-1260 (Arochlor 1260)	<	85	U	<	70	U	<	73	U	<	72	U
Toxaphene	<	440	U	<	360	U	<	380	U	<	370	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.9	U	<	3.2	U	<	3.3	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	3.4	U	<	2.8	U	<	3	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.9	U	<	3.2	U	<	3.3	U	<	3.3	U
Dalapon	<	6.8	U	<	5.7	U	<	5.9	U	<	5.8	U
Dicamba	<	6.8	U	<	5.7	U	<	5.9	U	<	5.8	U
Dichloroprop	<	3.9	U	<	3.2	U	<	3.3	U	<	3.3	U
Dinoseb	<	6.8	U	<	5.7	U	<	5.9	U	<	5.8	U
Mcpa	<	860	U	<	710	U	<	740	U	<	730	U
Mcpp	<	1700	U	<	1400	U	<	1500	U	<	1500	U
Silvex (2,4,5-Tp)	<	3.4	U	<	2.8	U	<	3	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO	<	13	U	<	11	U	<	11	U	<	11	U
DRO	<	32	U	<	27	U	<	28	U	<	27	U
METALS (mg/kg)												
Aluminum	16900	24		3780	19		9850	20		6650	21	
Antimony	<	7.2	U	<	5.8	U	<	6	U	<	6.4	U
Arsenic	2.7	1.1		1.8	1		1.4	1		1.3	0.92	
Barium	103	24		345	19		134	20		229	21	
Beryllium	0.74	0.6		0.15	0.49	J	0.39	0.5	J	0.24	0.53	J
Cadmium	<	0.6	U	<	0.49	U	<	0.5	U	<	0.53	U
Calcium	10200	600		312000	490		107000	500		115000	530	
Chromium, Total	13.2	1.2		24.1	0.97		13.6	0.99		14	1.1	
Cobalt	4.8	6		1.4	4.9		1.8	5		2	5.3	
Copper	8.6	3		2.3	2.4		2.2	2.5		2.2	2.6	
Iron	12700	12		2070	9.7		5530	9.9		3840	11	
Lead	7.8	11		1.5	10		3.4	10		2.1	9.2	
Magnesium	2700	600		3870	490		6950	500		6210	530	
Manganese	190	1.8		18.1	1.5		52.1	1.5		43.9	1.6	

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB05-005			CAH-SB05-010			CAH-SB05-020			CAH-SB05-030		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury	<	0.24	U	0.06	0.2	J	<	0.21	U	<	0.19	U
Nickel	11.6	4.8		4	3.9		5.2	4		4.3	4.2	
Potassium	2840	600		780	490		1960	500		1290	530	
Selenium	<	0.55	U	<	0.52	U	<	0.52	U	<	0.46	U
Silver	<	1.2	U	<	0.97	U	<	0.99	U	<	1.1	U
Sodium	127	600		210	490		334	500		202	530	
Thallium	0.3	1.1	J	<	1	U	<	1	U	<	0.92	U
Vanadium	25.9	6		8	4.9		24.4	5		16.7	5.3	
Zinc	29.2	2.4		6.1	1.9		13.8	2		10.1	2.1	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB05-040			CAH-SB06-002			CAH-SB06-005			CAH-SB06-010		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	13	U	<	11	U	<	11	U
1,1,2,2-Tetrachloroethane	<	11	U	<	13	U	<	11	U	<	11	U
1,1,2-Trichloroethane	<	11	U	<	13	U	<	11	U	<	11	U
1,1-Dichloroethane	<	11	U	<	13	U	<	11	U	<	11	U
1,1-Dichloroethene	<	11	U	<	13	U	<	11	U	<	11	U
1,2-Dichloroethane	<	11	U	<	13	U	<	11	U	<	11	U
1,2-Dichloropropane	<	11	U	<	13	U	<	11	U	<	11	U
2-Hexanone	<	18	U	<	22	U	<	19	U	<	18	U
Acetone	<	18	U	<	22	U	<	19	U	<	18	U
Benzene	<	11	U	<	13	U	<	11	U	<	11	U
Bromodichloromethane	<	11	U	<	13	U	<	11	U	<	11	U
Bromoform	<	11	U	<	13	U	<	11	U	<	11	U
Bromomethane	<	11	U	<	13	U	<	11	U	<	11	U
Carbon Disulfide	<	11	U	<	13	U	<	11	U	<	11	U
Carbon Tetrachloride	<	11	U	<	13	U	<	11	U	<	11	U
Chlorobenzene	<	11	U	<	13	U	<	11	U	<	11	U
Chloroethane	<	11	U	<	13	U	<	11	U	<	11	U
Chloroform	<	11	U	<	13	U	<	11	U	<	11	U
Chloromethane	<	11	U	<	13	U	<	11	U	<	11	U
cis-1,2-Dichloroethylene	<	11	U	<	13	U	<	11	U	<	11	U
cis-1,3-Dichloropropene	<	11	U	<	13	U	<	11	U	<	11	U
Dibromochloromethane	<	11	U	<	13	U	<	11	U	<	11	U
Dichlorodifluoromethane	<	11	U	<	13	U	<	11	U	<	11	U
Ethylbenzene	<	11	U	<	13	U	<	11	U	<	11	U
M,P-Xylene (Sum of Isomers)	<	11	U	<	13	U	<	11	U	<	11	U
Methyl Ethyl Ketone	<	18	U	<	22	U	<	19	U	<	18	U
Methyl Isobutyl Ketone	<	18	U	<	22	U	<	19	U	<	18	U
Methylene Chloride	<	36	U	<	49	U	<	42	U	<	39	U
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	13	U	<	11	U	<	11	U
Styrene	<	11	U	<	13	U	<	11	U	<	11	U
Tetrachloroethylene(PCE)	<	11	U	<	13	U	<	11	U	<	11	U
Toluene	<	11	U	<	13	U	<	11	U	<	11	U
trans-1,2-Dichloroethene	<	11	U	<	13	U	<	11	U	<	11	U
trans-1,3-Dichloropropene	<	11	U	<	13	U	<	11	U	<	11	U
Trichloroethylene (TCE)	<	11	U	<	13	U	<	11	U	<	11	U
Trichlorofluoromethane	<	11	U	<	13	U	<	11	U	<	11	U
Vinyl Chloride	<	11	U	<	13	U	<	11	U	<	11	U
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	440	U	<	370	U	<	370	U
1,2-Dichlorobenzene	<	360	U	<	440	U	<	370	U	<	370	U
1,2-Diphenylhydrazine	<	360	U	<	440	U	<	370	U	<	370	U
1,3-Dichlorobenzene	<	360	U	<	440	U	<	370	U	<	370	U
1,4-Dichlorobenzene	<	360	U	<	440	U	<	370	U	<	370	U
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	440	U	<	370	U	<	370	U
2,4,5-Trichlorophenol	<	360	U	<	440	U	<	370	U	<	370	U
2,4,6-Trichlorophenol	<	360	U	<	440	U	<	370	U	<	370	U
2,4-Dichlorophenol	<	360	U	<	440	U	<	370	U	<	370	U
2,4-Dimethylphenol	<	360	U	<	440	U	<	370	U	<	370	U
2,4-Dinitrophenol	<	730	U	<	880	U	<	740	U	<	740	U
2,4-Dinitrotoluene	<	360	U	<	440	U	<	370	U	<	370	U
2,6-Dinitrotoluene	<	360	U	<	440	U	<	370	U	<	370	U
2-Chloronaphthalene	<	360	U	<	440	U	<	370	U	<	370	U
2-Chlorophenol	<	360	U	<	440	U	<	370	U	<	370	U
2-Methylnaphthalene	<	360	U	<	440	U	<	370	U	<	370	U
2-Methylphenol	<	360	U	<	440	U	<	370	U	<	370	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB05-040			CAH-SB06-002			CAH-SB06-005			CAH-SB06-010		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	360	U	<	440	U	<	370	U	<	370	U
2-Nitrophenol	<	360	U	<	440	U	<	370	U	<	370	U
3,3'-Dichlorobenzidine	<	730	U	<	880	U	<	740	U	<	740	U
3-Nitroaniline	<	360	U	<	440	U	<	370	U	<	370	U
4,6-Dinitro-2-Methylphenol	<	730	U	<	880	U	<	740	U	<	740	U
4-Bromophenyl Phenyl Ether	<	360	U	<	440	U	<	370	U	<	370	U
4-Chloro-3-Methylphenol	<	360	U	<	440	U	<	370	U	<	370	U
4-Chloroaniline	<	360	U	<	440	U	<	370	U	<	370	U
4-Chlorophenyl Phenyl Ether	<	360	U	<	440	U	<	370	U	<	370	U
4-Methylphenol	<	360	U	<	440	U	<	370	U	<	370	U
4-Nitroaniline	<	360	U	<	440	U	<	370	U	<	370	U
4-Nitrophenol	<	730	U	<	880	U	<	740	U	<	740	U
Acenaphthene	<	360	U	<	440	U	<	370	U	<	370	U
Acenaphthylene	<	360	U	<	440	U	<	370	U	<	370	U
Aniline	<	360	U	<	440	U	<	370	U	<	370	U
Anthracene	<	360	U	<	440	U	<	370	U	<	370	U
Benzo(a)anthracene	<	360	U	<	440	U	<	370	U	<	370	U
Benzo(a)pyrene	<	360	U	<	440	U	<	370	U	<	370	U
Benzo(b)fluoranthene	<	360	U	<	440	U	<	370	U	<	370	U
Benzo(g,h,i)perylene	<	360	U	<	440	U	<	370	U	<	370	U
Benzo(k)fluoranthene	<	360	U	<	440	U	<	370	U	<	370	U
Benzoic Acid	<	1800	U	<	2200	U	<	1900	U	<	1800	U
Benzyl Alcohol	<	360	U	<	440	U	<	370	U	<	370	U
Benzyl Butyl Phthalate	<	360	U	<	440	U	16	370	J	<	370	U
bis(2-Chloroethoxy) Methane	<	360	U	<	440	U	<	370	U	<	370	U
bis(2-Chloroethyl) Ether	<	360	U	<	440	U	<	370	U	<	370	U
bis(2-Ethylhexyl) Phthalate	<	360		<	440		<	550		<	370	
Carbazole	<	360	U	<	440	U	<	370	U	<	370	U
Chrysene	<	360	U	<	440	U	<	370	U	<	370	U
Di-N-Butyl Phthalate	<	360	U	<	440	U	<	370	U	<	370	U
Di-N-Octylphthalate	<	360	U	<	440	U	<	370	U	<	370	U
Dibenz(a,h)anthracene	<	360	U	<	440	U	<	370	U	<	370	U
Dibenzofuran	<	360	U	<	440	U	<	370	U	<	370	U
Diethyl Phthalate	<	360	U	<	440	U	<	370	U	<	370	U
Dimethyl Propanedioic	<	360	U	<	440	U	<	370	U	<	370	U
Fluoranthene	<	360	U	<	440	U	<	370	U	<	370	U
Fluorene	<	360	U	<	440	U	<	370	U	<	370	U
Hexachlorobenzene	<	360	U	<	440	U	<	370	U	<	370	U
Hexachlorobutadiene	<	360	U	<	440	U	<	370	U	<	370	U
Hexachlorocyclopentadiene	<	360	U	<	440	U	<	370	U	<	370	U
Hexachloroethane	<	360	U	<	440	U	<	370	U	<	370	U
Indeno(1,2,3-c,d)pyrene	<	360	U	<	440	U	<	370	U	<	370	U
Isophorone	<	360	U	<	440	U	<	370	U	<	370	U
N-Nitrosodi-N-Propylamine	<	360	U	<	440	U	<	370	U	<	370	U
N-Nitrosodiphenylamine	<	360	U	<	440	U	<	370	U	<	370	U
Naphthalene	<	360	U	<	440	U	<	370	U	<	370	U
Nitrobenzene	<	360	U	<	440	U	<	370	U	<	370	U
Pentachlorophenol	<	730	U	<	880	U	<	740	U	<	740	U
Phenanthrene	<	360	U	<	440	U	<	370	U	<	370	U
Phenol	<	360	U	<	440	U	<	370	U	<	370	U
Pyrene	<	360	U	<	440	U	<	370	U	<	370	U
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.7	U	<	4.5	U	<	3.8	U	<	3.8	U
Alpha BHC	<	3.7	U	<	4.5	U	<	3.8	U	<	3.8	U
Alpha Endosulfan	<	3.7	U	<	4.5	U	<	3.8	U	<	3.8	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB05-040			CAH-SB06-002			CAH-SB06-005			CAH-SB06-010		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.7	U	<	4.5	U	<	3.8	U	<	3.8	U
Beta BHC	<	3.7	U	<	4.5	U	<	3.8	U	<	3.8	U
Beta Endosulfan	<	7.2	U	<	8.7	U	<	7.3	U	<	7.3	U
Chlordane	<	720	U	<	870	U	<	730	U	<	730	U
DDD	<	7.2	U	<	8.7	U	<	7.3	U	<	7.3	U
DDE	<	7.2	U	<	8.7	U	<	7.3	U	<	7.3	U
DDT	<	7.2	U	<	8.7	U	<	7.3	U	<	7.3	U
Delta BHC	<	3.7	U	<	4.5	U	<	3.8	U	<	3.8	U
Dieldrin	<	7.2	U	<	8.7	U	<	7.3	U	<	7.3	U
Endosulfan Sulfate	<	7.2	U	<	8.7	U	<	7.3	U	<	7.3	U
Endrin	<	7.2	U	<	8.7	U	<	7.3	U	<	7.3	U
Endrin Aldehyde	<	7.2	U	<	8.7	U	<	7.3	U	<	7.3	U
Endrin Ketone	<	7.2	U	<	8.7	U	<	7.3	U	<	7.3	U
Gamma BHC (Lindane)	<	3.7	U	<	4.5	U	<	3.8	U	<	3.8	U
Gamma-Chlordane	<	3.7	U	<	4.5	U	<	3.8	U	<	3.8	U
Heptachlor	<	3.7	U	<	4.5	U	<	3.8	U	<	3.8	U
Heptachlor Epoxide	<	3.7	U	<	4.5	U	<	3.8	U	<	3.8	U
Methoxychlor	<	37	U	<	45	U	<	38	U	<	38	U
PCB-1016 (Arochlor 1016)	<	72	U	<	87	U	<	73	U	<	73	U
PCB-1221 (Arochlor 1221)	<	72	U	<	87	U	<	73	U	<	73	U
PCB-1232 (Arochlor 1232)	<	72	U	<	87	U	<	73	U	<	73	U
PCB-1242 (Arochlor 1242)	<	72	U	<	87	U	<	73	U	<	73	U
PCB-1248 (Arochlor 1248)	<	72	U	<	87	U	<	73	U	<	73	U
PCB-1254 (Arochlor 1254)	<	72	U	<	87	U	<	73	U	<	73	U
PCB-1260 (Arochlor 1260)	<	72	U	<	87	U	<	73	U	<	73	U
Toxaphene	<	370	U	<	450	U	<	380	U	<	380	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.3	U	<	4	U	<	3.3	U	<	3.3	U
2,4,5-T (Trichlorophenoxyacetic Acid)	<	2.9	U	<	3.5	U	<	3	U	<	2.9	U
2,4-D (Dichlorophenoxyacetic Acid)	<	3.3	U	<	4	U	<	3.3	U	<	3.3	U
Dalapon	<	5.8	U	<	7	U	<	5.9	U	<	5.9	U
Dicamba	<	5.8	U	<	7	U	<	5.9	U	<	5.9	U
Dichloroprop	<	3.3	U	<	4	U	<	3.3	U	<	3.3	U
Dinoseb	<	5.8	U	<	7	U	<	5.9	U	<	5.9	U
Mcpa	<	730	U	<	880	U	<	740	U	<	740	U
Mcpp	<	1500	U	<	1800	U	<	1500	U	<	1500	U
Silvex (2,4,5-Tp)	<	2.9	U	<	3.5	U	<	3	U	<	2.9	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO	<	11	U	<	13	U	<	11	U	<	11	U
DRO	<	27	U	<	33	U	<	28	U	<	28	U
METALS (mg/kg)												
Aluminum	11800	21		17400	25		13400	19		16200	19	
Antimony	<	6.3	U	3.8	7.5	J	<	5.6	U	<	5.6	U
Arsenic	1.8	0.88		2.9	1.2		2	1		2.2	0.97	
Barium	244	21		97.1	25		79.1	19		103	19	
Beryllium	0.45	0.52	J	0.77	0.62		0.6	0.47		0.66	0.47	
Cadmium	<	0.52	U	<	0.62	U	<	0.47	U	<	0.47	U
Calcium	98800	520		2430	620		13700	470		57900	470	
Chromium, Total	22.6	1		12.9	1.2		10.7	0.93		14.6	0.93	
Cobalt	2.9	5.2		4.8	6.2		4.1	4.7		4.1	4.7	
Copper	3.5	2.6		8.7	3.1		7.4	2.3		7.3	2.3	
Iron	6830	10		12900	12		10400	9.3		10800	9.3	
Lead	4	8.8		9.7	12		8.8	10		6.4	9.7	
Magnesium	7430	520		2540	620		2270	470		3470	470	
Manganese	82.3	1.6		204	1.9		156	1.4		145	1.4	

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB05-040			CAH-SB06-002			CAH-SB06-005			CAH-SB06-010		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/2/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury	<	0.22	U	0.07	0.25	J	0.04	0.18	J	<	0.18	U
Nickel	11.2	4.2		10.5	5		9.3	3.7		10.6	3.7	
Potassium	2510	520		2910	620		2300	470		2750	470	
Selenium	<	0.44	U	<	0.62	U	<	0.52	U	<	0.49	U
Silver	<	1	U	<	1.2	U	<	0.93	U	<	0.93	U
Sodium	348	520		126	620		131	470		202	470	
Thallium	<	0.88	U	0.36	1.2	J	0.21	1	J	<	0.97	U
Vanadium	24.1	5.2		27.9	6.2		21.5	4.7		24	4.7	
Zinc	21.1	2.1		31.9	2.5		24.9	1.9		26.4	1.9	

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB06-020			CAH-SB06-030			CAH-SB06-040			CAH-HA01-003		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane	<	11	U	<	11	U	<	11	U			
1,1,2,2-Tetrachloroethane	<	11	U	<	11	U	<	11	U			
1,1,2-Trichloroethane	<	11	U	<	11	U	<	11	U			
1,1-Dichloroethane	<	11	U	<	11	U	<	11	U			
1,1-Dichloroethene	<	11	U	<	11	U	<	11	U			
1,2-Dichloroethane	<	11	U	<	11	U	<	11	U			
1,2-Dichloropropane	<	11	U	<	11	U	<	11	U			
2-Hexanone	<	18	U	<	19	U	<	18	U			
Acetone	<	18	U	<	19	U	<	18	U			
Benzene	<	11	U	<	11	U	<	11	U			
Bromodichloromethane	<	11	U	<	11	U	<	11	U			
Bromoform	<	11	U	<	11	U	<	11	U			
Bromomethane	<	11	U	<	11	U	<	11	U			
Carbon Disulfide	<	11	U	<	11	U	<	11	U			
Carbon Tetrachloride	<	11	U	<	11	U	<	11	U			
Chlorobenzene	<	11	U	<	11	U	<	11	U			
Chloroethane	<	11	U	<	11	U	<	11	U			
Chloroform	<	11	U	<	11	U	<	11	U			
Chloromethane	<	11	U	<	11	U	<	11	U			
cis-1,2-Dichloroethylene	<	11	U	<	11	U	<	11	U			
cis-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U			
Dibromochloromethane	<	11	U	<	11	U	<	11	U			
Dichlorodifluoromethane	<	11	U	<	11	U	<	11	U			
Ethylbenzene	<	11	U	<	11	U	<	11	U			
M,P-Xylene (Sum of Isomers)	<	11	U	<	11	U	<	11	U			
Methyl Ethyl Ketone	<	18	U	<	19	U	<	18	U			
Methyl Isobutyl Ketone	<	18	U	<	19	U	<	18	U			
Methylene Chloride	<	29	U	<	15	U	<	16	U			
O-Xylene (1,2-Dimethylbenzene)	<	11	U	<	11	U	<	11	U			
Styrene	<	11	U	<	11	U	<	11	U			
Tetrachloroethylene(PCE)	<	11	U	<	11	U	<	11	U			
Toluene	<	11	U	<	11	U	<	11	U			
trans-1,2-Dichloroethene	<	11	U	<	11	U	<	11	U			
trans-1,3-Dichloropropene	<	11	U	<	11	U	<	11	U			
Trichloroethylene (TCE)	<	11	U	<	11	U	<	11	U			
Trichlorofluoromethane	<	11	U	<	11	U	<	11	U			
Vinyl Chloride	<	11	U	<	11	U	<	11	U			
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene	<	360	U	<	380	U	<	370	U			
1,2-Dichlorobenzene	<	360	U	<	380	U	<	370	U			
1,2-Diphenylhydrazine	<	360	U	<	380	U	<	370	U			
1,3-Dichlorobenzene	<	360	U	<	380	U	<	370	U			
1,4-Dichlorobenzene	<	360	U	<	380	U	<	370	U			
2,2'-Oxybis(1-Chloro)Propane	<	360	U	<	380	U	<	370	U			
2,4,5-Trichlorophenol	<	360	U	<	380	U	<	370	U			
2,4,6-Trichlorophenol	<	360	U	<	380	U	<	370	U			
2,4-Dichlorophenol	<	360	U	<	380	U	<	370	U			
2,4-Dimethylphenol	<	360	U	<	380	U	<	370	U			
2,4-Dinitrophenol	<	720	U	<	760	U	<	740	U			
2,4-Dinitrotoluene	<	360	U	<	380	U	<	370	U			
2,6-Dinitrotoluene	<	360	U	<	380	U	<	370	U			
2-Chloronaphthalene	<	360	U	<	380	U	<	370	U			
2-Chlorophenol	<	360	U	<	380	U	<	370	U			
2-Methylnaphthalene	<	360	U	<	380	U	<	370	U			
2-Methylphenol	<	360	U	<	380	U	<	370	U			

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB06-020			CAH-SB06-030			CAH-SB06-040			CAH-HA01-003		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline	<	360	U	<	380	U	<	370	U			
2-Nitrophenol	<	360	U	<	380	U	<	370	U			
3,3'-Dichlorobenzidine	<	720	U	<	760	U	<	740	U			
3-Nitroaniline	<	360	U	<	380	U	<	370	U			
4,6-Dinitro-2-Methylphenol	<	720	U	<	760	U	<	740	U			
4-Bromophenyl Phenyl Ether	<	360	U	<	380	U	<	370	U			
4-Chloro-3-Methylphenol	<	360	U	<	380	U	<	370	U			
4-Chloroaniline	<	360	U	<	380	U	<	370	U			
4-Chlorophenyl Phenyl Ether	<	360	U	<	380	U	<	370	U			
4-Methylphenol	<	360	U	<	380	U	<	370	U			
4-Nitroaniline	<	360	U	<	380	U	<	370	U			
4-Nitrophenol	<	720	U	<	760	U	<	740	U			
Acenaphthene	<	360	U	<	380	U	<	370	U			
Acenaphthylene	<	360	U	<	380	U	<	370	U			
Aniline	<	360	U	<	380	U	<	370	U			
Anthracene	<	360	U	<	380	U	<	370	U			
Benzo(a)anthracene	<	360	U	<	380	U	<	370	U			
Benzo(a)pyrene	<	360	U	<	380	U	<	370	U			
Benzo(b)fluoranthene	<	360	U	<	380	U	<	370	U			
Benzo(g,h,i)perylene	<	360	U	<	380	U	<	370	U			
Benzo(k)fluoranthene	<	360	U	<	380	U	<	370	U			
Benzoic Acid	<	1800	U	<	1900	U	<	1800	U			
Benzyl Alcohol	<	360	U	<	380	U	<	370	U			
Benzyl Butyl Phthalate	<	360	U	<	380	U	<	370	U			
bis(2-Chloroethoxy) Methane	<	360	U	<	380	U	<	370	U			
bis(2-Chloroethyl) Ether	<	360	U	<	380	U	<	370	U			
bis(2-Ethylhexyl) Phthalate	<	430		<	380		<	370				
Carbazole	<	360	U	<	380	U	<	370	U			
Chrysene	<	360	U	<	380	U	<	370	U			
Di-N-Butyl Phthalate	<	360	U	<	380	U	<	370	U			
Di-N-Octylphthalate	<	360	U	<	380	U	<	370	U			
Dibenz(a,h)anthracene	<	360	U	<	380	U	<	370	U			
Dibenzofuran	<	360	U	<	380	U	<	370	U			
Diethyl Phthalate	<	360	U	<	380	U	<	370	U			
Dimethyl Propanedioic	<	360	U	<	380	U	<	370	U			
Fluoranthene	<	360	U	<	380	U	<	370	U			
Fluorene	<	360	U	<	380	U	<	370	U			
Hexachlorobenzene	<	360	U	<	380	U	<	370	U			
Hexachlorobutadiene	<	360	U	<	380	U	<	370	U			
Hexachlorocyclopentadiene	<	360	U	<	380	U	<	370	U			
Hexachloroethane	<	360	U	<	380	U	<	370	U			
Indeno(1,2,3-c,d)pyrene	<	360	U	<	380	U	<	370	U			
Isophorone	<	360	U	<	380	U	<	370	U			
N-Nitrosodi-N-Propylamine	<	360	U	<	380	U	<	370	U			
N-Nitrosodiphenylamine	<	360	U	<	380	U	<	370	U			
Naphthalene	<	360	U	<	380	U	<	370	U			
Nitrobenzene	<	360	U	<	380	U	<	370	U			
Pentachlorophenol	<	720	U	<	760	U	<	740	U			
Phenanthrene	<	360	U	<	380	U	<	370	U			
Phenol	<	360	U	<	380	U	<	370	U			
Pyrene	<	360	U	<	380	U	<	370	U			
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.7	U	<	3.9	U	<	3.8	U	<	3.7	U
Alpha BHC	<	3.7	U	<	3.9	U	<	3.8	U	<	3.7	U
Alpha Endosulfan	<	3.7	U	<	3.9	U	<	3.8	U	<	3.7	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB06-020			CAH-SB06-030			CAH-SB06-040			CAH-HA01-003		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.7	U	<	3.9	U	<	3.8	U	<	3.7	U
Beta BHC	<	3.7	U	<	3.9	U	<	3.8	U	<	3.7	U
Beta Endosulfan	<	7.1	U	<	7.5	U	<	7.3	U	<	7.2	U
Chlordane	<	710	U	<	750	U	<	730	U	<	720	U
DDD	<	7.1	U	<	7.5	U	<	7.3	U	<	7.2	U
DDE	<	7.1	U	<	7.5	U	<	7.3	U	44	7.2	
DDT	<	7.1	U	<	7.5	U	<	7.3	U	6.9	7.2	
Delta BHC	<	3.7	U	<	3.9	U	<	3.8	U	<	3.7	U
Dieldrin	<	7.1	U	<	7.5	U	<	7.3	U	<	7.2	U
Endosulfan Sulfate	<	7.1	U	<	7.5	U	<	7.3	U	<	7.2	U
Endrin	<	7.1	U	<	7.5	U	<	7.3	U	<	7.2	U
Endrin Aldehyde	<	7.1	U	<	7.5	U	<	7.3	U	<	7.2	U
Endrin Ketone	<	7.1	U	<	7.5	U	<	7.3	U	<	7.2	U
Gamma BHC (Lindane)	<	3.7	U	<	3.9	U	<	3.8	U	<	3.7	U
Gamma-Chlordane	<	3.7	U	<	3.9	U	<	3.8	U	<	3.7	U
Heptachlor	<	3.7	U	<	3.9	U	<	3.8	U	<	3.7	U
Heptachlor Epoxide	<	3.7	U	<	3.9	U	<	3.8	U	<	3.7	U
Methoxychlor	<	37	U	<	39	U	<	38	U	<	37	U
PCB-1016 (Arochlor 1016)	<	71	U	<	75	U	<	73	U	<	72	U
PCB-1221 (Arochlor 1221)	<	71	U	<	75	U	<	73	U	<	72	U
PCB-1232 (Arochlor 1232)	<	71	U	<	75	U	<	73	U	<	72	U
PCB-1242 (Arochlor 1242)	<	71	U	<	75	U	<	73	U	<	72	U
PCB-1248 (Arochlor 1248)	<	71	U	<	75	U	<	73	U	<	72	U
PCB-1254 (Arochlor 1254)	<	71	U	<	75	U	<	73	U	<	72	U
PCB-1260 (Arochlor 1260)	<	71	U	<	75	U	<	73	U	<	72	U
Toxaphene	<	370	U	<	390	U	<	380	U	<	370	U
HERBICIDES (µg/kg)												
2,4 Db	<	3.2	U	<	3.4	U	<	3.3	U			
2,4,5-T (Trichlorophenoxyacetic Acid)	<	2.9	U	<	3	U	<	2.9	U			
2,4-D (Dichlorophenoxyacetic Acid)	<	3.2	U	<	3.4	U	<	3.3	U			
Dalapon	<	5.7	U	<	6.1	U	<	5.9	U			
Dicamba	<	5.7	U	<	6.1	U	<	5.9	U			
Dichloroprop	<	3.2	U	<	3.4	U	<	3.3	U			
Dinoseb	<	5.7	U	<	6.1	U	<	5.9	U			
Mcpa	<	720	U	<	760	U	<	740	U			
Mcpp	<	1400	U	<	1500	U	<	1500	U			
Silvex (2,4,5-Tp)	<	2.9	U	<	3	U	<	2.9	U			
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO	<	11	U	<	11	U	<	11	U			
DRO	<	27	U	<	28	U	<	28	U			
METALS (mg/kg)												
Aluminum	3650	19		6140	21		3730	21				
Antimony	<	5.8	U	<	6.3	U	<	6.2	U			
Arsenic	1.1	1		1.5	1.1		0.9	0.96	J			
Barium	845	19		177	21		79.9	21				
Beryllium	0.14	0.48	J	0.19	0.53	J	0.13	0.52	J			
Cadmium	<	0.48	U	<	0.53	U	<	0.52	U			
Calcium	188000	480		152000	530		57600	520				
Chromium, Total	15	0.97		14.1	1.1		7.8	1				
Cobalt	1.2	4.8		1.1	5.3		1.2	5.2				
Copper	3.4	2.4		1.5	2.6		1.2	2.6				
Iron	1900	9.7		3360	11		2520	10				
Lead	1.3	10		1.8	11		1.9	9.6				
Magnesium	7660	480		6470	530		5680	520				
Manganese	18.8	1.5		32.5	1.6		29.5	1.5				

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-SB06-020			CAH-SB06-030			CAH-SB06-040			CAH-HA01-003		
COLLECT DATE	5/2/98			5/2/98			5/2/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury	0.04	0.18	J	<	0.19	U	<	0.15	U			
Nickel	3.5	3.9	J	4.4	4.2		2.5	4.1	J			
Potassium	609	480		1210	530		697	520				
Selenium	<	0.5	U	<	0.53	U	<	0.48	U			
Silver	<	0.97	U	<	1.1	U	<	1	U			
Sodium	138	480		164	530		67.9	520				
Thallium	<	1	U	<	1.1	U	<	0.96	U			
Vanadium	9	4.8		12.8	5.3		11.9	5.2				
Zinc	5.4	1.9		9	2.1		6.2	2.1				

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-HA02-004			CAH-HA03-004			CAH-HA04-004			CAH-HA05-004		
COLLECT DATE	5/7/98			5/7/98			5/7/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)												
1,1,1-Trichloroethane												
1,1,2,2-Tetrachloroethane												
1,1,2-Trichloroethane												
1,1-Dichloroethane												
1,1-Dichloroethene												
1,2-Dichloroethane												
1,2-Dichloropropane												
2-Hexanone												
Acetone												
Benzene												
Bromodichloromethane												
Bromoform												
Bromomethane												
Carbon Disulfide												
Carbon Tetrachloride												
Chlorobenzene												
Chloroethane												
Chloroform												
Chloromethane												
cis-1,2-Dichloroethylene												
cis-1,3-Dichloropropene												
Dibromochloromethane												
Dichlorodifluoromethane												
Ethylbenzene												
M,P-Xylene (Sum of Isomers)												
Methyl Ethyl Ketone												
Methyl Isobutyl Ketone												
Methylene Chloride												
O-Xylene (1,2-Dimethylbenzene)												
Styrene												
Tetrachloroethylene(PCE)												
Toluene												
trans-1,2-Dichloroethene												
trans-1,3-Dichloropropene												
Trichloroethylene (TCE)												
Trichlorofluoromethane												
Vinyl Chloride												
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)												
1,2,4-Trichlorobenzene												
1,2-Dichlorobenzene												
1,2-Diphenylhydrazine												
1,3-Dichlorobenzene												
1,4-Dichlorobenzene												
2,2'-Oxybis(1-Chloro)Propane												
2,4,5-Trichlorophenol												
2,4,6-Trichlorophenol												
2,4-Dichlorophenol												
2,4-Dimethylphenol												
2,4-Dinitrophenol												
2,4-Dinitrotoluene												
2,6-Dinitrotoluene												
2-Chloronaphthalene												
2-Chlorophenol												
2-Methylnaphthalene												
2-Methylphenol												

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-HA02-004			CAH-HA03-004			CAH-HA04-004			CAH-HA05-004		
COLLECT DATE	5/7/98			5/7/98			5/7/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.												
2-Nitroaniline												
2-Nitrophenol												
3,3'-Dichlorobenzidine												
3-Nitroaniline												
4,6-Dinitro-2-Methylphenol												
4-Bromophenyl Phenyl Ether												
4-Chloro-3-Methylphenol												
4-Chloroaniline												
4-Chlorophenyl Phenyl Ether												
4-Methylphenol												
4-Nitroaniline												
4-Nitrophenol												
Acenaphthene												
Acenaphthylene												
Aniline												
Anthracene												
Benzo(a)anthracene												
Benzo(a)pyrene												
Benzo(b)fluoranthene												
Benzo(g,h,i)perylene												
Benzo(k)fluoranthene												
Benzoic Acid												
Benzyl Alcohol												
Benzyl Butyl Phthalate												
bis(2-Chloroethoxy) Methane												
bis(2-Chloroethyl) Ether												
bis(2-Ethylhexyl) Phthalate												
Carbazole												
Chrysene												
Di-N-Butyl Phthalate												
Di-N-Octylphthalate												
Dibenz(a,h)anthracene												
Dibenzofuran												
Diethyl Phthalate												
Dimethyl Propanedioic												
Fluoranthene												
Fluorene												
Hexachlorobenzene												
Hexachlorobutadiene												
Hexachlorocyclopentadiene												
Hexachloroethane												
Indeno(1,2,3-c,d)pyrene												
Isophorone												
N-Nitrosodi-N-Propylamine												
N-Nitrosodiphenylamine												
Naphthalene												
Nitrobenzene												
Pentachlorophenol												
Phenanthrene												
Phenol												
Pyrene												
PESTICIDES/PCBs (µg/kg)												
Aldrin	<	3.9	U	<	3.7	U	<	3.7	U	<	3.9	U
Alpha BHC	<	3.9	U	<	3.7	U	<	3.7	U	<	3.9	U
Alpha Endosulfan	<	3.9	U	<	3.7	U	<	3.7	U	<	3.9	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-HA02-004			CAH-HA03-004			CAH-HA04-004			CAH-HA05-004		
COLLECT DATE	5/7/98			5/7/98			5/7/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.												
Alpha-Chlordane	<	3.9	U	<	3.7	U	<	3.7	U	<	3.9	U
Beta BHC	<	3.9	U	<	3.7	U	<	3.7	U	<	3.9	U
Beta Endosulfan	<	7.5	U	<	7.2	U	<	7.2	U	<	7.5	U
Chlordane	<	750	U	<	720	U	<	720	U	<	750	U
DDD	<	7.5	U	<	7.2	U	<	7.2	U	<	7.5	U
DDE	18	7.5		2.9	7.2		230	36		<	7.5	U
DDT	3.8	7.5		2.5	7.2		77.7	0.42		1.95	0.42	
Delta BHC	<	3.9	U	<	3.7	U	<	3.7	U	<	3.9	U
Dieldrin	<	7.5	U	<	7.2	U	<	7.2	U	<	7.5	U
Endosulfan Sulfate	<	7.5	U	<	7.2	U	<	7.2	U	<	7.5	U
Endrin	<	7.5	U	<	7.2	U	<	7.2	U	<	7.5	U
Endrin Aldehyde	<	7.5	U	<	7.2	U	<	7.2	U	<	7.5	U
Endrin Ketone	<	7.5	U	<	7.2	U	<	7.2	U	<	7.5	U
Gamma BHC (Lindane)	<	3.9	U	<	3.7	U	<	3.7	U	<	3.9	U
Gamma-Chlordane	<	3.9	U	<	3.7	U	<	3.7	U	<	3.9	U
Heptachlor	<	3.9	U	<	3.7	U	<	3.7	U	<	3.9	U
Heptachlor Epoxide	<	3.9	U	<	3.7	U	<	3.7	U	<	3.9	U
Methoxychlor	<	39	U	<	37	U	<	37	U	<	39	U
PCB-1016 (Arochlor 1016)	<	75	U	<	72	U	<	72	U	<	75	U
PCB-1221 (Arochlor 1221)	<	75	U	<	72	U	<	72	U	<	75	U
PCB-1232 (Arochlor 1232)	<	75	U	<	72	U	<	72	U	<	75	U
PCB-1242 (Arochlor 1242)	<	75	U	<	72	U	<	72	U	<	75	U
PCB-1248 (Arochlor 1248)	<	75	U	<	72	U	<	72	U	<	75	U
PCB-1254 (Arochlor 1254)	<	75	U	<	72	U	<	72	U	<	75	U
PCB-1260 (Arochlor 1260)	<	75	U	<	72	U	<	72	U	<	75	U
Toxaphene	<	390	U	<	370	U	<	370	U	<	390	U
HERBICIDES (µg/kg)												
2,4 Db												
2,4,5-T (Trichlorophenoxyacetic Acid)												
2,4-D (Dichlorophenoxyacetic Acid)												
Dalapon												
Dicamba												
Dichloroprop												
Dinoseb												
Mcpa												
Mcpp												
Silvex (2,4,5-Tp)												
TOTAL PETROLEUM HYDROCARBONS (mg/kg)												
GRO												
DRO												
METALS (mg/kg)												
Aluminum												
Antimony												
Arsenic												
Barium												
Beryllium												
Cadmium												
Calcium												
Chromium, Total												
Cobalt												
Copper												
Iron												
Lead												
Magnesium												
Manganese												

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-HA02-004			CAH-HA03-004			CAH-HA04-004			CAH-HA05-004		
COLLECT DATE	5/7/98			5/7/98			5/7/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.												
Mercury												
Nickel												
Potassium												
Selenium												
Silver												
Sodium												
Thallium												
Vanadium												
Zinc												

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-HA06-004			CAH-HA07-004			CAH-HA08-002		
COLLECT DATE	5/7/98			5/7/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS (METHOD 8260) (µg/kg)									
1,1,1-Trichloroethane									
1,1,2,2-Tetrachloroethane									
1,1,2-Trichloroethane									
1,1-Dichloroethane									
1,1-Dichloroethene									
1,2-Dichloroethane									
1,2-Dichloropropane									
2-Hexanone									
Acetone									
Benzene									
Bromodichloromethane									
Bromoform									
Bromomethane									
Carbon Disulfide									
Carbon Tetrachloride									
Chlorobenzene									
Chloroethane									
Chloroform									
Chloromethane									
cis-1,2-Dichloroethylene									
cis-1,3-Dichloropropene									
Dibromochloromethane									
Dichlorodifluoromethane									
Ethylbenzene									
M,P-Xylene (Sum of Isomers)									
Methyl Ethyl Ketone									
Methyl Isobutyl Ketone									
Methylene Chloride									
O-Xylene (1,2-Dimethylbenzene)									
Styrene									
Tetrachloroethylene(PCE)									
Toluene									
trans-1,2-Dichloroethene									
trans-1,3-Dichloropropene									
Trichloroethylene (TCE)									
Trichlorofluoromethane									
Vinyl Chloride									
SEMIVOLATILE ORGANICS (METHOD 8270) (µg/kg)									
1,2,4-Trichlorobenzene									
1,2-Dichlorobenzene									
1,2-Diphenylhydrazine									
1,3-Dichlorobenzene									
1,4-Dichlorobenzene									
2,2'-Oxybis(1-Chloro)Propane									
2,4,5-Trichlorophenol									
2,4,6-Trichlorophenol									
2,4-Dichlorophenol									
2,4-Dimethylphenol									
2,4-Dinitrophenol									
2,4-Dinitrotoluene									
2,6-Dinitrotoluene									
2-Chloronaphthalene									
2-Chlorophenol									
2-Methylnaphthalene									
2-Methylphenol									

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-HA06-004			CAH-HA07-004			CAH-HA08-002		
COLLECT DATE	5/7/98			5/7/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS (8270) (µg/kg), cont.									
2-Nitroaniline									
2-Nitrophenol									
3,3'-Dichlorobenzidine									
3-Nitroaniline									
4,6-Dinitro-2-Methylphenol									
4-Bromophenyl Phenyl Ether									
4-Chloro-3-Methylphenol									
4-Chloroaniline									
4-Chlorophenyl Phenyl Ether									
4-Methylphenol									
4-Nitroaniline									
4-Nitrophenol									
Acenaphthene									
Acenaphthylene									
Aniline									
Anthracene									
Benzo(a)anthracene									
Benzo(a)pyrene									
Benzo(b)fluoranthene									
Benzo(g,h,i)perylene									
Benzo(k)fluoranthene									
Benzoic Acid									
Benzyl Alcohol									
Benzyl Butyl Phthalate									
bis(2-Chloroethoxy) Methane									
bis(2-Chloroethyl) Ether									
bis(2-Ethylhexyl) Phthalate									
Carbazole									
Chrysene									
Di-N-Butyl Phthalate									
Di-N-Octylphthalate									
Dibenz(a,h)anthracene									
Dibenzofuran									
Diethyl Phthalate									
Dimethyl Propanedioic									
Fluoranthene									
Fluorene									
Hexachlorobenzene									
Hexachlorobutadiene									
Hexachlorocyclopentadiene									
Hexachloroethane									
Indeno(1,2,3-c,d)pyrene									
Isophorone									
N-Nitrosodi-N-Propylamine									
N-Nitrosodiphenylamine									
Naphthalene									
Nitrobenzene									
Pentachlorophenol									
Phenanthrene									
Phenol									
Pyrene									
PESTICIDES/PCBs (µg/kg)									
Aldrin	<	3.7		<	3.6	U	<	3.7	U
Alpha BHC	<	3.7		<	3.6	U	<	3.7	U
Alpha Endosulfan	<	3.7		<	3.6	U	<	3.7	U

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-HA06-004			CAH-HA07-004			CAH-HA08-002		
COLLECT DATE	5/7/98			5/7/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
PESTICIDES/PCBs (µg/kg), cont.									
Alpha-Chlordane	<	3.7		<	3.6	U	<	3.7	U
Beta BHC	<	3.7		<	3.6	U	<	3.7	U
Beta Endosulfan	<	7.2		<	7.1	U	<	7.2	U
Chlordane	<	720		<	710	U	<	720	U
DDD	<	7.2		<	7.1	U	<	7.2	U
DDE	<	7.2		37	7.1		8.5	7.2	
DDT	<	7.2		12	7.1		1.88	0.42	
Delta BHC	<	3.7		<	3.6	U	<	3.7	U
Dieldrin	<	7.2		<	7.1	U	<	7.2	U
Endosulfan Sulfate	<	7.2		<	7.1	U	<	7.2	U
Endrin	<	7.2		<	7.1	U	<	7.2	U
Endrin Aldehyde	<	7.2		<	7.1	U	<	7.2	U
Endrin Ketone	<	7.2		<	7.1	U	<	7.2	U
Gamma BHC (Lindane)	<	3.7		<	3.6	U	<	3.7	U
Gamma-Chlordane	<	3.7		<	3.6	U	<	3.7	U
Heptachlor	<	3.7		<	3.6	U	<	3.7	U
Heptachlor Epoxide	<	3.7		<	3.6	U	<	3.7	U
Methoxychlor	<	37		<	36	U	<	37	U
PCB-1016 (Arochlor 1016)	<	72		<	71	U	<	72	U
PCB-1221 (Arochlor 1221)	<	72		<	71	U	<	72	U
PCB-1232 (Arochlor 1232)	<	72		<	71	U	<	72	U
PCB-1242 (Arochlor 1242)	<	72		<	71	U	<	72	U
PCB-1248 (Arochlor 1248)	<	72		<	71	U	<	72	U
PCB-1254 (Arochlor 1254)	<	72		<	71	U	<	72	U
PCB-1260 (Arochlor 1260)	<	72		<	71	U	<	72	U
Toxaphene	<	370		<	360	U	<	370	U
HERBICIDES (µg/kg)									
2,4 Db									
2,4,5-T (Trichlorophenoxyacetic Acid)									
2,4-D (Dichlorophenoxyacetic Acid)									
Dalapon									
Dicamba									
Dichloroprop									
Dinoseb									
Mcpa									
Mcpp									
Silvex (2,4,5-Tp)									
TOTAL PETROLEUM HYDROCARBONS (mg/kg)									
GRO									
DRO									
METALS (mg/kg)									
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium, Total									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									

SUMMARY OF ANALTYICAL RESULTS AT AOC-H
CANNON AFB, NEW MEXICO

FIELD ID	CAH-HA06-004			CAH-HA07-004			CAH-HA08-002		
COLLECT DATE	5/7/98			5/7/98			5/7/98		
	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg), cont.									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									

DRO - Diesel Range Organics
GRO - Gasoline Range Organics
E - Exceeds linear range of instrument calibration
J - Estimated value
Qual - Qualifier
RL - Reporting Limit
U - Nondetect
mg/kg - milligram per kilogram
µg/kg - microgram per kilogram

APPENDIX C

EPA REGION VI MSSLs

EPA Region 6

Human Health

Media-Specific Screening Levels

U.S. Environmental Protection Agency
Region 6
1445 Ross Avenue
Dallas, Texas 75202

Screening Levels
Uses and Limitations

- A consultation with a Risk Assessor should take place before making a final decision in the corrective/remedial action process.

- The screening levels should only used in the preliminary stages of the investigations, i.e., screen.

- All values are risk-based with exceptions and their respective basis for the calculations/values noted.

- Risk-based concentrations for carcinogens were calculated at the following risk levels: Class A or B = 10^{-6}, Class C = 10^{-5}, "Blank" = 10^{-6}.

- The screening levels only address human health protection.

- Values do not account for chemical mixtures. If more than one non-carcinogen is expected, than the non-carcinogenic chemical screening level should be divided by 10.

- Exceedance of a screening level does not indicate a required action.

- Unrestricted land use, i.e., residential values should be considered in the initial screening of sites for which future residential land use cannot be definitively ruled out.

- The selection of constituents of potential concern (COPC's) can be conducted against these values once the screening levels for the non-carcinogenic compounds are divided by a factor of 10 to account for chemical mixtures.

- Sources used to compile the screening levels were:

Region IX Preliminary Remediation Goals (PRGs)
- Tap Water Values, Direct soil exposure values.

EPA Region III Risk-Based Concentration Table
- Tap Water and Soil Values labeled "I", Ambient Air Values, Fish Values, Soil Screening Levels

EPA's *Draft Soil Screening Level Guidance*
- Soil screening levels.

EPA Region 6 Current and Proposed National Primary and Secondary Drinking Water Regulations Table
- Drinking values labeled MCL's.

Risk Assessment Guidance for Superfund (RAGS), Health Effects Assessment Summary Tables (HEAST), Agency for Toxic Substances and Disease Registry Toxicological Profiles, and *EPA Provisional Guidance*
- Technical reference documents.

Region 6 Draft Supplemental Guidance to RAGS
- Technical reference documents.

OSWER Directives
- Policy documents, e.g., residential soil lead screening level.

Elemental Composition of Surficial Materials in the Conterminous United States and *OSWER Regional Toxics Coordinators Memorandum* titled "Background Metals in Soil" dated March 14, 1989.
- Soil regional background values.

↑ conc. at 10-5

EPA Region 6
Human Health
Media-Specific Screening Levels

Legend: MCL = Maximum Contaminant Level
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max = maximum concentration
PEST = Pesticide Herb = Herbicide
VOC = Volatile Organic Compound
SVOC = Semi-Volatile Organic Compound
"Blank" = Missing data for generation of value.

Basis: C= carcinogenic effects N = non-carcinogenic effects
E = EPA draft Soil Screening Level S = soil saturation concentration
M' = EPA MCL I = Ingestion route only

Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-6} C= 10^{-6} Blank= 10^{-4}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Acephate	PEST	C			77 C	7.2 C	3.6 C	510 C	2200 C		
Acetaldehyde					94N I	0.81 C					
Acetochlor	PEST				730 N	73N	27 N	1300 N	14000 N		
Acetone	VOC				610 N	370 N	140 N	2000 N	8400 N	62000 E	8 E
Acetone cyanohydrin					2600 N	150 N	95 N	4600 N	48000 N		
Acetonitrile	VOC				220 N	52 N	8.1 N	390 N	4100 N		
Acetophenone	SVOC				0.04 N	0.021 N	140 N	5600 N	45000N		
Acifluorfen	PEST				470 N	47 N	18 N	850 N	8900 N		
Acrolein	PEST				730 N	0.021 N	27 N	1300N	12000N		
Acrylamide		B2			0.015 C	0.0014 C	0.0007 C	0.098 C	0.41 C		
Acrylic acid					18000 N	1 N	680 N	32000N	SAT		
Acrylonitrile	VOC	B1			0.12 C I	0.026 C	0.0058 C	0.13 C	0.30 C		
Alachlor	PEST			2	0.8 C	0.078 C	0.039 C	5.5 C	24 C		
Alar	PEST				5500 N	550 N	200 N	9800 N	SAT		
Aldicarb	PEST			7	37 N	3.7 N	1.4 N	65 N	680 N	570 S	0.036 M'
Aldicarb sulfone				7	37 N	3.7 N	1.4 N	65N	680 N		
Aldrin	PEST	B2			0.004 C	0.00037 C	0.00019 C	0.026C	0.11 C	0.5 E	0.005 E
Ally					9100 N	910 N	340 N	16000N	SAT		

EPA Region 6
Human Health
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E = EPA draft Soil Screening Level S = soil saturation concentration
M' = EPA MCL I = Ingestion route only

Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc./Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Allyl alcohol	VOC				180 N	18 N	6.8 N	330 N	3400 N		
Allyl chloride	VOC				1800 N	1 N	68 N	3300 N	34000N		
Aluminum			45,000		37000 N	3700 N	1400 N	77000 N	SAT		
Aluminum phosphide	PEST				15 N	1.5 N	0.54 N	31N	680 N		
Amdro	PEST				11 N	1.1 N	0.41 N	21N	200 N		
Ametryn	PEST				330 N	33 N	12 N	590 N	6100 N		
m-Aminophenol					2600 N	260 N	95 N	4600 N	48000N		
4-Aminopyridine	PEST				0.73 N	0.073 N	0.027 N	1.3N	14 N		
Amitraz	PEST				91 N	9.1 N	3.4 N	160 N	1700 N		
Ammonia					1000 N I	100 N					
Ammonium sulfamate	PEST				7300 N	730 N	270 N	13000 N	SAT		
Aniline	SVOC	B2			11 N	1 N	0.55 C	19 C	200 C	45 N	0.031 N
Antimony and compounds				6	15 N	1.5 N	0.54 N	31 N	680 N		
Antimony pentoxide					18 N	1.8 N	0.68 N	38 N	850 N		
Antimony potassium tartrate					33 N	3.3 N	1.2 N	69 N	1500 N		
Antimony tetroxide					15 N	1.5 N	0.54 N	31 N	680 N		
Antimony trioxide					15 N	1.5 N	0.54 N	31 N	680 N		
Apollo	PEST				470 N	47 N	18 N	850 N	8900 N		

EPA Region 6
Human Health
Media-Specific Screening Levels

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				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Aramite	PEST	B2	1.1-16.7	50	2.7 C	0.25 C	0.13 C	18 C	76 C		
Arsenic (noncancer)					23 N I	1.1 N	0.41 N	22 N	610 N I	380 E	15 E
Arsenic (as carcinogen)		A			0.04 C	0.00041 C	0.0021 C	0.32 C	2.0 C	380 E	15 E
Arsine					0.52 N I	0.052 N					
Assure	PEST				330 N	33 N	12 N	590 N	6100 N		
Asulam	PEST				1800 N	180 N	68 N	3300 N	34000 N		
Atrazine	PEST			3	0.3 C	0.028 C	0.014 C	2.0 C	8.6 C		
Avermectin B1	PEST				15 N	1.5 N	0.54 N	26 N	270 N		
Azobenzene		B2			0.61 C	0.058 C	0.029 C	4.0 C	17 C		
Barium and compounds			430	2000	2600 N	0.52 N	95 N	5300 N	SAT	SAT	32 E
Baygon	PEST				150 N	15 N	5.4 N	260 N	2700N		
Bayleton	PEST				1100 N	110 N	41 N	2000 N	20000N		
Baythroid	PEST				910 N	91 N	34 N	1600 N	17000 N		
Benefin	PEST				11000 N	1100 N	410 N	20000 N	SAT		
Benomyl	PEST				1800 N	180 N	68 N	3300 N	34000 N		
Bentazon	PEST				91 N	9.1 N	3.4 N	160 N	1700 N		
Benzaldehyde					610 N I	370 N	140 N	6500 N	68000 N		
Benzene	VOC			5	0.4 C	0.22 C	0.11 C	1.4 C	3.2 C	0.5 E	0.02 E

EPA Region 6
Human Health
Media-Specific Screening Levels

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				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Benzenethiol					0.37 N I	0.037 N	0.014 N	0.78 N I	20 N I		
Benzidine	SVOC	A			0.0003 C	0.00003 C	0.00001 C	0.002 C	0.008 C	1.3 C	1.1E-06 C
Benzoic acid	SVOC				150000 N	15000 N	5400 N	SAT	SAT	320 S	280 E
Benzotrichloride		B2			0.0052 C	0.00048 C	0.00024 C	0.034 C	0.150 C	0.012 C	0.000073 C
Benzyl alcohol	SVOC				11000 N	1100 N	410 N	20000 N	SAT		
Benzyl chloride		B2			0.066 C	0.037 C	0.019 C	1.4 C	3.9 C	0.5 C	0.00036 C
Beryllium and compounds		B2	0.5-2	4	0.02 C	0.00075 C	0.00073 C	0.14 C	1.10 C	690 E	180 E
Bidrin					3.7 N	0.37 N	0.14 N	6.5 N	68 N		
Biphenthrin (Talstar)	PEST				550 N	55 N	20 N	980 N	10000 N		
1,1-Biphenyl					1800 N	180 N	68 N	3300 N	34000 N	9000 S	110 N
Bis(2-chloroethyl)ether		B2			0.0098 C	0.0054 C	0.0029 C	0.07 C	0.17 C	0.3 E	0.0003 E
Bis(2-chloroisopropyl)ether	SVOC				0.27 C	0.18 C	0.045 C	3.9 C	12 C		
Bis(chloromethyl)ether		A			0.00005 C	0.00003 C	0.00001 C	0.0001 C	0.0003 C	0.00004 C	1.0E-07 C
Bis(2-chloro-1-methylethyl)ether					0.96 C	0.089 C	0.045 C	6.3 C	27 C		
Bis(2-ethylhexyl)phthalate (DEHP)	SVOC				4.8 C	0.45 C	0.23 C	32 C	140 C	210 E	11 E
Bisphenol A					1800 N	180 N	68 N	3300 N	34000 N		
Boron (and borates)			2-100		3300 N	21 N	120 N	5900 N	61000 N		
Boron trifluoride					7.3 N I	0.73 N					

EPA Region 6
Human Health
Media-Specific Screening Levels

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Basis: C= carcinogenic effects N = non-carcinogenic effects
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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-4} Blank= 10^{-4}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Bromodichloromethane	VOC	D			0.18 C	0.1 C	0.051 C	1.4 C	3.4 C	1800E	0.3 E
Bromoethene (vinyl bromide)					0.1 C	0.057 C		0.45 C	1.0 C		
Bromoform (tribromomethane)	VOC	B2			2.4 C I	1.6 C	0.4 C	56 C	240 C	46 E	0.5 E
Bromomethane	VOC				8.7 N I	5.2 N	1.9 N	15 N	57 N	2 E	0.1 E
4-Bromophenyl phenyl ether	SVOC				2100 N I	210 N	78 N	4500 N I	120000 N I		
Bromophos					180 N	18 N	6.8 N	330 N	3400 N		
Bromoxynil	PEST				180 N	73 N	27 N	1300 N	14000 N		
Bromoxynil octanoate	PEST				730 N	73 N	27 N	1300 N	14000 N		
1,3-Butadiene		B2			0.011 C	0.0064 C		0.009 C	0.02 N	0.0013 C	0.000072 c
1-Butanol	VOC				3700 N	370 N	140 N	6500 N	68000 N	9700 E	8 E
Butyl benzyl phthalate					7300 N	730 N	270 N	13000 N	SAT	530 E	68 E
Butylate					1800 N	180 N	68 N	3300 N	34000 N		
sec-Butylbenzene	VOC				61 N I	37 N	14 N	780 N I	20000 N I	80 S	0.27 M'
tert-Butylbenzene	VOC				61 N I	37 N	14 N	780 N I	20000 N I		0.27 M'
Butylphthalyl butylglycolate					37000 N	3700 N	1400 N	65000 N	SAT		
Cacodylic acid	PEST				110 N	11 N	4.1 N	200 N	2000 N		
Cadmium and compounds			0.01-1.0	5	18 N	0.00099 C	0.68 N	38 N	850 N	920 E	6 E
Caprolactam					18000 N	1800 N	680 N	33000 N	SAT		

EPA Region 6
Human Health
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				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Captafol	PEST				7.8 C	0.73 C	0.37 C	52 N	220 C		
Captan	PEST				19 C	1.8 C	0.9 C	130 C	550 C		
Carbaryl	PEST				3700 N	370 N	140 N	6500 N	68000 N	0.34 S	23 N
Carbofuran	SVOC			40	180 N	18 N	6.8 N	330 N	3400 N		
Carbon disulfide					21 N	730 N	140 N	16 N	52 N	11 E	14 E
Carbon tetrachloride				5	0.2 C	0.12 C	0.024 C	0.47 C	1.1 C	0.2 E	0.03 E
Carbosulfan	PEST				370 N	37 N	14 N	650 N	6800 N		
Carboxin	PEST				3700 N	370 N	140 N	6500 N	68000 N		
Chloral					73 N	7.3 N	2.7 N	130 N	1400 N		
Chloramben	PEST				550 N	55 N	20 N	980 N	10000 N		
Chloranil					0.17 C	0.016 C	0.0078 C	1.1 C	4.7 C		
Chlordane	PEST			2	0.05 C	0.0049 C	0.0024 C	0.34 C	1.5 C	10 E	2 E
Chlorimuron-ethyl					730 N	73 N	27 N	1300 N	14000 N		
Chlorine					3700 N	370 N	140 N	7700 N	SAT		
Chlorine dioxide	PEST				2.1 N I	0.21 N					
Chloroacetaldehyde					250 N I	25 N	9.3 N	540 N I	14000 N I		
Chloroacetic acid					73 N	7.3 N	2.7 N	130 N	1400 N		
2-Chloroacetophenone					0.05 N	0.031 N		0.07 N	0.27 N		

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Human Health
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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc./Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
4-Chloroaniline Chlorobenzene Chlorobenzilate	SVOC VOC PEST				150 N 39 N 0.25 C	15 N 21 N 0.023 C	5.4 N 27 N 0.012 C	260 N 160 N 1.6 C	2700 N 570 N 7.1 C	1200 S 94 E	0.3 E 0.6 E
p-Chlorobenzoic acid 4-Chlorobenzotrifluoride 2-Chloro-1,3-butadiene					7300 N 730 N 14 N	730 N 73 N 7.3 N	270 N 27 N 27 N	13000 N 1300 N 6.3 N	SAT 14000 N 21 N	86 N	7.5 N
1-Chlorobutane Chlorodibromomethane 1-Chloro-1,1-difluoroethane	VOC VOC				2400 N 0.13 C I 87000 N	1500 N 0.075 C 52000 N	540 N 0.038 C	810 S 7.6 C I	810 S 68 C I	1900 E	0.2 E
Chlorodifluoromethane Chloroethane 2-Chloroethyl vinyl ether	VOC VOC VOC				87000 N 8600 N 150 N I	52000 N 10000 N 91 N	540 N 34 N	350 S 31000 N I 2000 N I	350 S SAT 51000 N I	2600 S	33 N
Chloroform Chloromethane 4-Chloro-2,2-methylaniline hydrochloride	VOC VOC	B2			0.16 C 1.5 C 0.15 C	0.078 C 0.99 C 0.014 C	0.52 C 0.24 C 0.0069 C	0.53 C 2.0 C 0.77 C	1.1 C 4.3 C 3.3 C	0.2 E 0.063 C	0.3 E 0.0066 C
4-Chloro-2-methylaniline beta-Chloronaphthalene o-Chloronitrobenzene	SVOC				0.12 C 2900 N 0.42 C I	0.011 C 290 N 0.25 C	0.0054 C 110 N 0.13 C	0.97 C 5200 N 18 C	4.1 C 55000 N 76 C	2.8 S	140 N

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
p-Chloronitrobenzene 2-Chlorophenol 2-Chloropropane	SVOC				0.59 C I 180 N 170 N	0.35 C 18 N 100 N	0.18 C 6.8 N	25 C 330 N 350 N	110 C 3400 N 1300 N	53000 E 22 N	2 E 0.64 N
Chlorothalonil o-Chlorotoluene Chlorpropham	PEST PEST				6.1 C 120 N 7300 N	0.57 C 73 N 730 N	0.29 C 27 N 270 N	41 C 340 N 13000 N	170 C 1600 S SAT	1200 N	5.6 N
Chlorpyrifos Chlorpyrifos-methyl Chlorsulfuron	PEST PEST PEST				110 N 370 N 1800 N	11 N 37 N 180 N	4.1 N 14 N 68 N	200 N 650 N 3300 N	2000 N 6800 N 34000 N		
Chlorthiophos Total Chromium (1/6 ratio Cr VI/Cr III) Chromium VI and compounds		A	38	100	29 N 37000 N I 180 N	2.9 N 0.0021 N 0.00015 C	1.1 N 1400 N 6.8 C	52 N 210 N 31 C	550 N 1600 N 230 C	140 E	19 E
Coal tar Cobalt Coke Oven Emissions	PEST	A	8		2200 N I	0.0028 C 220 N 0.0029 C	81 N	4700 N I	SAT		
Copper and compounds Crotonaldehyde Cumene		C	20		1400 N 0.006 C 19 N	150 N 0.033 C 9.4 N	54 N 0.017 C 54 N	2800 N 0.1 C 49 N	63000 N 0.3 C 160 N	81 N	65 N

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level:* *A/B= 10^{-6}* *C= 10^{-5}* *Blank= 10^{-4}*	*Soil Regional Background Conc/Range (mg/kg)*		*Risk-Based Screening Levels*					*Soil Screening Level Transfers from Soil to:*	
				Drinking Water *(MCL's)*	*Tap Water* *(Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air* *(Residential Scenario)*	*Fish* *(Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)*			
								Residential	*Industrial*	*Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Cyanides: Barium cyanide Calcium cyanide					3700 N 1500 N	370 N 150 N	140 N 54 N	7700 N 3100 N	SAT 68000 N		
Copper cyanide Cyanazine Cyanogen	PEST				180 N 0.08 C 1500 N	18 N 0.0075 C 150 N	6.8 N 0.0038 C 54 N	380 N 130 C 2600 N	8500 N 2.3 C 27000 N		
Cyanogen bromide Cyanogen chloride Free cyanide					3300 N 1800 N 730 N	330 N 180 N 73 N	120 N 68 N 27 N	5900 N 3300 N 1300 N	SAT 34000 N 14000 N		
Hydrogen cyanide Potassium cyanide Potassium silver cyanide					6.2 N 1800 N 7300 N	3.1N 180 N 730 N	27 N 68 N 270 N	1600 N I 3300 N 13000 N	41000 N I 34000 N SAT		
Silver cyanide Sodium cyanide Thiocyanate					3700 N 1500 N 730 N I	370 N 150 N 73 N	140 N 54 N 27 N	6500 N 2600 N 1600 N I	SAT 27000 N 41000 N I		
Zinc cyanide Cyclohexanone Cyclohexlamine					1800 N 180000 N 7300 N	180 N 18000 N 730 N	68 N 6800 N 270 N	3300 N SAT 13000 N	34000 N SAT SAT		

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc./Range (mg/kg)*		*Risk-Based Screening Levels*					*Soil Screening Level Transfers from Soil to:*	
				Drinking Water (MCL's)	*Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)*			
								Residential	*Industrial*	*Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Cyhalothrin/Karate Cypermethrin Cyromazine	PEST PEST				180 N 370 N 270 N	18 N 37 N 27 N	6.8 N 14 N 10 N	330 N 650 N 490 N	3400 N 6800 N 5100 N		
Dacthal Dalapon Danitol	PEST HERB			200	370 N I 1100 N 18 N	37 N 110 N 91 N	14 N 41 N 34 N	33000 N 2000 N 33 N	SAT 20000 N 340 N		
DDD DDE DDT	PEST PEST PEST	B2 B2 B2			0.28 C 0.2 C 0.2 C	0.026 C 0.018 C 0.018 C	0.013 C 0.0093 C 0.0093 C	1.9 C 1.3 C 1.3 C	7.9 C 5.6 C 5.6 C	37 S 10 S 80 E	0.7 E 0.5 E 1 E
Decabromodiphenyl ether Demeton Diallate	 PEST PEST				61 N I 1.5 N 0.17 C I	37 N 0.15 N 0.1 C	14 N 0.054 N 0.052 C	650 N 2.6 N 7.3 C	6800 N 27 N 31 C		
Diazinon Dibenzofuran 1,4-Dibromobenzene	PEST SVOC				33 N 150 N 61 N I	3.3 N 15 N 37 N	1.2 N 5.4 N 14 N	59 N 260 N 650 N	610 N 2700 N 6800 N	5400 S 120 S	2.8 N 120 S
1,2-Dibromo-3-chloropropane 1,2-Dibromoethane Dibutyl phthalate	VOC VOC	 B2			0.048 C 0.00076 C 3700 N	0.21 N 0.0081 C 370 N	0.0023 C 0.00004 C 140 N	0.32 C 0.005 C 6500 N	1.4 C 0.02 C 68000 N	1.9 N 0.0058 C 100 E	0.00061 M' 0.00018 M' 120 E

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-5} Blank= 10^{-6}*	*Soil Regional Background Conc/Range (mg/kg)*	*Risk-Based Screening Levels*						*Soil Screening Level Transfers from Soil to:*	
				Drinking Water (MCL's)	*Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)*			
								Residential	*Industrial*	*Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Dicamba	PEST				1100 N	110 N	41 N	2000 N	20000 N		
1,2-Dichlorobenzene	VOC				270 N I	150 N	120 N	2300 S	2300 S	300 E	6 E
1,3-Dichlorobenzene	VOC			600	540 N	320 N	120 N	2800 S	2800 S		
1,4-Dichlorobenzene	VOC			75	0.5 C	0.26 C	0.13 C	7.4 C	21 C	7700 E	1 E
3,3'-Dichlorobenzidine	SVOC	B2			0.15 C	0.014 C	0.007 C	0.99 C	4.2 C	52 S	0.01 E
1,4-Dichloro-2-butene					0.0012 C	0.00067 C		0.007 C	0.02 C		
Dichlorodifluoromethane	VOC				390 N	210 N	270 N	110 N	350 S	37 N	7.5 N
1,1-Dichloroethane	VOC				810 N	520 N	140 N	840 N	3900 S	980 E	11 E
1,2-Dichloroethane (EDC)	VOC	B2		5	0.12 C	0.069 C	0.035 C	0.44 C	0.98 C	0.3 E	0.01 E
1,1-Dichloroethylene	VOC	C		7	0.5 C	0.36 C	0.053 C	0.4 C	0.8 C	0.04 E	0.03 E
1,2-Dichloroethylene (cis)	VOC			70	61 N	37 N	14 N	59 N	200 N	1500 E	0.2 E
1,2-Dichloroethylene (trans)	VOC			100	120 N	73 N	27 N	170 N	600 N	3600 E	0.3 E
1,2-Dichloroethylene (mixture)	VOC				55 N	33 N	12 N	75 N	270 N		
2,4-Dichlorophenol	SVOC				110 N	11 N	4.1 N	200 N	2000 N	4800 S	0.5 E
2,4-Dichlorophenoxyacetic Acid (2,4-D)	HERB			70	370 N	37 N	14 N	650 N	6800 N	7000 S	1.7 M
4-(2,4-Dichlorophenoxy)butyric Acid (2.4-DB)	HERB				290 N	29 N	11 N	520 N	5500 N		
1,2-Dichloropropane	VOC			5	0.16 C	0.092 C	0.046 C	0.7 C	1.5 C	11 E	0.02 E
2,3-Dichloropropanol	VOC				110 N	11 N	4.1 N	200 N	2000 N		

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-5} Blank= 10^{-6}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
1,3-Dichloropropene	PEST	B2			0.081 C	0.048 C	0.018 C	0.51 C	1.2 C	0.1 E	0.001 E
Dichlorvos	PEST	B2			0.23 C	0.022 C	0.011 C	1.5 C	6.6 C	3.5 C	0.00072 C
Dicofol	PEST				0.15 C	0.014 C	0.0072 C	1.0 C	4.3 C		
Dicyclopentadiene					0.42 N	0.21 N	41 N	2300 N I	61000 N I		
Dieldrin	PEST	B2			0.0042 C	0.00039 C	0.0002 C	0.03 C	0.12 C	2 E	0.001 E
Diesel emissions					52 N I	5.2 N					
Diethyl phthalate	SVOC				29000 N	2900 N	1100 N	52000 N	SAT	520 E	110 E
Diethylene glycol, monobutyl ether					210 N	21 N		370 N	3900 N		
Diethylene glycol, monoethyl ether					73000 N	7300 N	2700 N	SAT	SAT		
Diethylformamide					400 N	40 N	15 N	720 N	7500 N		
Di(2-ethylhexyl)adipate				400	56 N	5.2 C	2.6 C	370 C	1600 C		
Diethylstilbestrol					0.00001 C	1.3E-06 C	7.0E-07 C	9.5E-05 C	4.1E-04 C		
Difenzoquat (Avenge)	PEST				2900 N	290 N	110 N	5200 N	55000 N		
Diflubenzuron	PEST				730 N	73 N	27 N	1300 N	14000 N		
1,1-Difluoroethane					69000 N	42000 N					
Diisopropyl methylphosphonate (DIMP)					2900 N	290 N	110 N	5200 N	55000 N		
Dimethipin	PEST				730 N	73 N	27 N	1300 N	14000 N		
Dimethoate	PEST				7.3 N	0.73 N	0.27 N	13 N	140 N		

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-6} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
3,3'-Dimethoxybenzidine Dimethylamine 2,4-Dimethylaniline hydrochloride	SVOC PEST				4.8 C 0.04 N 0.12 C	0.45 C 0.021 N 0.011 C	0.23 C 0.0054 C	32 C 0.062 N 0.8 C	140 C 0.23 N 3.3 C		
2,4-Dimethylaniline N-N-Dimethylaniline 3,3'-Dimethylbenzidine	 SVOC				0.09 C 73 N 0.0073 C	0.0083 C 7.3 N 0.00068 C	0.0042 C 2.7 N 0.00034 C	0.6 C 130 N 0.05 C	2.5 C 1400 N 0.21 C	29 C	0.00039 C
N,N-Dimethylformamide 1,1-Dimethylhydrazine 1,2-Dimethylhydrazine					3700 N 0.026 C 0.0018 C	31 N 0.0018 C 0.00017 C	140 N 0.0012 C 0.00009 C	6500 N 0.17 C 0.01 C	68000 N 0.73 C 0.05 C		
2,4-Dimethylphenol 2,6-Dimethylphenol 3,4-Dimethylphenol	SVOC				730 N 22 N 37 N	73 N 2.2 N 3.7 N	27 N 0.81 N 1.4 N	1300 N 39 N 65 N	14000 N 410 N 680 N	5400 S	3 E
Dimethyl phthalate Dimethyl terephthalate 1,2-Dinitrobenzene	SVOC SVOC				370000 N 3700 N 15 N	37000 N 370 N 1.5 N	14000 N 140 N 0.54 N	SAT 6500 N 26 N	SAT 68000 N 270 N	1600 E	1200 E
1,3-Dinitrobenzene 1,4-Dinitrobenzene 4,6-Dinitro-o-cyclohexyl phenol	SVOC SVOC				3.7 N 15 N 73 N	0.37 N 1.5 N 7.3 N	0.14 N 0.54 N 2.7 N	6.5 N 26 N 130 N	68 N 270 N 1400 N		

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				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
2,4-Dinitrophenol	SVOC				73 N	7.3 N	2.7 N	130 N	1400 N	360 N	0.1 E
Dinitrotoluene mixture	SVOC	B2			0.099 C	0.0092 C	0.0046 C	0.65 C	2.8 C		
2,4-Dinitrotoluene	SVOC				73 N	7.3 N	2.7 N	130 N	1400 N	120 S	0.2 E
2,6-Dinitrotoluene	SVOC				37 N	3.7 N	1.4 N	65 N	680 N	370 S	0.1 E
Dinoseb	HERB			7	37 N	3.7 N	1.4 N	65 N	680 N		
di-n-Octyl phthalate	SVOC				730 N	73 N	27 N	1300 N	14000 N	SAT	SAT
1,4-Dioxane	VOC	B2			1.0 C	0.57 C	0.29 C	14 C	37 C		
Diphenamid	PEST				1100 N	110 N	41 N	2000 N	20000 N		
Diphenylamine	SVOC				910 N	91 N	34 N	1600 N	17000 N		
1,2-Diphenylhydrazine	SVOC	B2			0.084 C	0.0081 C	0.0039 C	0.6 C	2.4 C		
Diquat	PEST			20	80 N	8 N	3 N	140 N	1500 N		
Direct black 38					0.0078 C	0.00073 C	0.00037 C	0.05 C	0.2 C		
Direct blue 6					0.0083 C	0.00077 C	0.00039 C	0.06 C	0.2 C		
Direct brown 95					0.0072 C	0.00067 C	0.00034 C	0.05 C	0.2 C		
Disulfoton	PEST				1.5 N	0.15 N	0.054 N	2.6 N	27 N		
1,4-Dithiane					370 N	37 N	14 N	650 N	6800 N		
Diuron	PEST				73 N	7.3 N	2.7 N	130 N	1400 N		
Dodine	PEST				150 N	15 N	5.4 N	260 N	2700 N		

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				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Endosulfan	PEST				1.8 N	22 N	8.1 N	3.3 N	34 N	1 S	3 E
Endothall	PEST			100	730 N	73 N	27 N	1300 N	14000 N		
Endrin	PEST			2	11 N	1.1 N	0.41 N	21 N	200 N	16 S	0.4 E
Epichlorohydrin	VOC	B2			2.0 N	1 C	0.32 C	8.6 C	31 C		
1,2-Epoxybutane					210 N	21 N		370 N	3900 N		
Ethephon (2-chloroethyl phosphonic acid)	PEST				180 N	18 N	6.8 N	330 N	3400 N		
Ethion	PEST				18 N	1.8 N	0.68 N	33 N	340 N		
2-Ethoxyethanol acetate					11000 N	1100 N	410 N	20000 N	SAT		
2-Ethoxyethanol					15000 N	210 N	540 N	26000 N	SAT		
Ethyl acrylate					0.23 C	0.13 C	0.066 C	0.5 C	1.0 C		
EPTC (S-Ethyl dipropylthiocarbamate)					910 N	91 N	34 N	1600 N	17000 N		
Ethyl acetate	VOC				33000 N	3300 N	1200 N	59000 N	SAT		
Ethylbenzene	VOC			70	1300 N	1000 N	140 N	2900 S	3100 S	260 E	5 E
Ethylene cyanohydrin					11000 N	1100 N	410 N	20000 N	SAT		
Ethylene diamine					730 N	73 N	27 N	1300 N	14000 N		
Ethylene glycol					73000 N	7300 N	2700 N	130000 N	SAT		
Ethylene glycol, monobutyl ether					210 N	21 N		370 C	3900 C		
Ethylene oxide	VOC				0.024 C	0.018 C	0.0031 C	0.12 C	0.3 C		

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Human Health
Media-Specific Screening Levels

Legend: MCL = Maximum Contaminant Level SAT = risk-based value above expected saturation point max = maximum concentration PEST = Pesticide Herb = Herbicide VOC = Volatile Organic Compound SVOC = Semi-Volatile Organic Compound *"Blank" = Missing data for generation of value.*					*Basis: C= carcinogenic effects N = non-carcinogenic effects* *E = EPA draft Soil Screening Level S = soil saturation concentration* *M' = EPA MCL I = Ingestion route only*						
Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-6} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Ethylene thiourea (ETU) Ethyl ether Ethyl methacrylate	VOC				0.11 C 1200 N 550 N	0.053 C 730 N 330 N	0.027 C 270 N 120 N	0.7 C 3800 S 340 S	3.2 C 3800 S 340 S		
Ethyl p-nitrophenyl phenylphosphorothioate Ethylnitrosourea Ethylphthalyl ethyl glycolate					0.37 N 0.00048 C I 110000 N	0.037 N 0.00005 C 11000 N	0.014 N 0.00002 C 4100 N	0.7 N 0.005 C I SAT	6.8 N 0.041 C I SAT		
Express Fenamiphos Fluometuron	PEST PEST PEST				290 N 9.1 N 470 N	29 N 0.91 N 47 N	11 N 0.34 N 18 N	520 N 16 N 850 N	5500 N 170 N 8900 N		
Fluoride Fluoridone Flurprimidol	 PEST PEST			4000	2200 N 2900 N 730 N	220 N 290 N 73 N	81 N 110 N 27 N	3900 N 5200 N 1300 N	41000 N 55000 N 14000 N		
Flutolanil Fluvalinate Folpet	PEST PEST PEST	 B2			2200 N 370 N 19 C	220 N 37 N 1.8 C	81 N 14 N 0.9 C	3900 N 650 N 130 C	41000 N 6800 N 550 C		
Fornesafen Fonofos Formaldehyde	PEST PEST	C			3.5 C 73 N 5500 N	0.33 C 7.3 N 0.14 C	0.17 C 2.7 N 270 N	23 C 130 N 9800 N	100 C 1400 N SAT		

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				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Formic Acid					73000 N	7300 N	2700 N	SAT	SAT		
Fosetyl- Al	PEST				110000 N	11000 N	4100 N	SAT	SAT		
Furan					37 N	3.7 N	1.4 N	65 N	680 N		
Furazolidone					0.018 C	0.0016 C	0.00083 C	0.12 C	0.5 C		
Furfural	PEST				110 N	52 N	4.1 N	200 N	2000 N		
Furium					0.0013 C	0.00013 C	0.00006 C	0.009 C	0.04 C		
Furmecyclox		B2			2.2 C	0.21 C	0.11 C	15 C	64 C		
Glufosinate-ammonium					15 N	1.5 N	0.54 N	26 N	270 N		
Glycidaldehyde					15 N	1 N	0.54 N	26 N	270 N		
Glyphosate	PEST			700	3700 N	370 N	140 N	6500 N	68000 N		
Haloxyfop-methyl					1.8 N	0.18 N	0.068 N	3.3 N	34 N		
Harmony	PEST				470 N	47 N	18 N	850 N	8900 N		
HCH (alpha)	PEST	B2			0.011 C	0.00099 C	0.0005 C	0.07 C	0.3 C	0.9 E	0.0004 E
HCH (beta)	PEST	C			0.37 C	0.035 C	0.018 C	3 C	11 C	16 E	0.002 E
HCH (gamma) Lindane	PEST			0.2	0.05 C	0.0048 C	0.0024 C	0.34 C	1.5 C	4.2 C	0.006 E
HCH-technical	PEST	B2			0.037 C	0.0035 C	0.0018 C	0.3 C	1.1 C		
Heptachlor	PEST	B2		0.1	0.2 C	0.0014 C	0.0007 C	0.1 C	0.4 C	0.3 E	0.06 E
Heptachlor epoxide	PEST	B2		0.2	0.007 C	0.00069 C	0.00035 C	0.05 C	0.2 C	1 E	0.03 E

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-6} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Hexabromobenzene					12 N I	7.3 N	2.7 N	130 N	1400 N		
Hexachlorobenzene	PEST	B2		1	0.04 C	0.0039 C	0.002 C	0.3 C	1.2 C	1 E	0.8 E
Hexachlorobutadiene	VOC	C			8.6 C	0.81 C	0.4 C	57 C	240 C	1 E	0.1 E
Hexachlorocyclopentadiene	PEST			50	260 N	0.073 N	9.5 N	450 N	4700 N	2 E	10 E
Hexachlorodibenzo-p-dioxin mixture		B2			0.00001 C	1.4E-06 C	5.0E-07 C	7.2E-05 C	3.1E-04 C		
Hexachloroethane	VOC	C			48 C	4.5 C	2.3 C	320 C	1400 C	49 E	0.2 E
Hexachlorophene	SVOC				11 N	1.1 N	0.41 N	20 N	200 N		
Hexahydro-1,3,5-trinitro-1,3,5-triazine		C			6.1 C	0.57 C	0.29 C	40 C	170 C		
1,6-Hexamethylene diisocyanate					0.1 N	0.01 N					
n-Hexanex					350 N I	210 N	81 N	4700 N I	SAT	32 N	13 N
Hexazinone	PEST				1200 N	120 N	45 N	2200 N	22000 N		
Hydrazine, hydrazine sulfate		B2			0.022 C	0.00037 C	0.0011 C	0.2 C	0.6 C		
Hydrogen chloride					210 N I	21 N					
Hydrogen sulfide					1.8 N	1 N	4.1 N	6100 N I	230 N I		
Hydroquinone					1500 N	150 N	54 N	2600 N	27000 N		
Imazalil	PEST				470 N	47 N	18 N	850 N	8900 N		
Imazaquin	PEST				9100 N	910 N	340 N	16000 N	SAT		
Iprodione	PEST				1500 N	150 N	54 N	2600 N	27000 N		

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-5} Blank= 10^{-6}*	*Soil Regional Background Conc./Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Iron					11000 N I	1100 N	410 N	23000 N I	SAT		
Isobutanol	VOC				1800 N I	1100 N	410 N	20000 N	SAT		
Isophorone	PEST	C			710 C	66 C	33 C	4700 C	20000 C	3400 E	0.2 E
Isopropalin	PEST				550 N	55 N	20 N	980 N	10000 N		
Isopropyl methyl phosphonic acid					3700 N	370 N	140 N	6500 N	68000 N		
Isoxaben					1800 N	180 N	68 N	3300 N	34000 N		
Lead			10-18		(Uptake	Biokinetic	Model)	400 N	2000 N		
Kepone	PEST				0.0037 C	0.00035 C	0.00018 C	0.03 C	0.1 C		
Lactofen	PEST				73 N	7.3 N	2.7 N	130 N	1400 N		
Linuron	PEST				73 N	7.3 N	2.7 N	130 N	1400 N		
Lithium					730 N	73 N	27 N	1500 N	34000 N		
Londax	PEST				7300 N	730 N	270 N	13000 N	SAT		
Malathion	PEST				730 N	73 N	27 N	1300 N	14000 N		
Maleic anhydride	SVOC				3700 N	370 N	140 N	6500 N	68000 N		
Maleic hydrazide	PEST				18000 N	1800 N	680 N	33000 N	SAT		
Malononitrile	VOC				0.73 N	0.073 N	0.027 N	1.3 N	14 N		
Mancozeb	PEST				1100 N	110 N	41 N	2000 N	20000 N		
Maneb	PEST				180 N	18 N	6.8 N	330 N	3400 N		
Manganese and compounds			389-850		180 N	0.052 N	6.8 N	380 N	8300 N		

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				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Mephosfolan					3.3 N I	0.33 N	0.12 N	5.9 N	180 N I		
Mepiquat chloride	PEST				1100 N I	110 N	41 N	2000 N	61000 N I		
Mercuric chloride	PEST				11 N I	1.1 N	0.41 N	23 N I	610 N I		
Mercury (inorganic)			0.10	2	11 N	0.31 N	0.41 N	23 N	510 N	7 E	3 E
Mercury (methyl)					3.7 N I	0.37 N	0.14 N	20 N	200 N I		
Merphos	PEST				1.1 N	0.11 N	0.041 N	2.0 N	21 N		
Merphos oxide	PEST				1.1 N	0.11 N	0.041 N	2.0 N	20 N		
Metalaxyl	PEST				2200 N	220 N	81 N	3900 N	41000 N		
Methacrylonitrile	VOC				1.0 N	0.73 N	0.14 N	1.3 N	5.1 N		
Methamidophos	PEST				1.8 N	0.18 N	0.068 N	3.3 N	34 N		
Methanol	VOC				18000 N	1800 N	680 N	33000 N	SAT		
Methidathion	PEST				37 N	3.7 N	1.4 N	65 N	680 N		
Methomyl	PEST				910 N	91 N	34 N	1600 N	17000 N		
Methoxychlor	PEST			40	180 N	18 N	6.8 N	330 N	3400 N	41 S	62 E
2-Methoxyethanol acetate					73 N	7.3 N	2.7 N	130 N	1400 N		
2-Methoxyethanol					37 N	21 N	1.4 N	65 N	680 N		
2-Methoxy-5-nitroaniline					1.5 C	0.14 C	0.069 C	9.7 C	41 C		
Methyl acetate					6100 N	3700 N	1400 N	20000 N	84000 N		

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level:* *A/B= 10^{-6}* *C= 10^{-5}* *Blank= 10^{-4}*	*Soil Regional Background Conc./Range (mg/kg)*		*Risk-Based Screening Levels*					*Soil Screening Level Transfers from Soil to:*	
				Drinking Water (MCL's)	*Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)*			
								Residential	*Industrial*	*Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Methyl acrylate 2-Methylaniline hydrochloride 2-Methylaniline					1100 N I 0.37 C 0.28 C	110 N 0.035 C 0.026 C	41 N 0.018 C 0.013 C	150 N 2.5 C 1.9 C	520 N 11 C 7.9 C		
Methyl chlorocarbonate 4-(2-Methyl-4-chlorophenoxy) butyric acid 2-Methyl-4-chlorophenoxyacetic acid	 HERB HERB				37000 N 370 N 18 N	3700 N 37 N 1.8 N	1400 N 14 N 0.68 N	65000 N 650 N 33 N	SAT 6800 N 340 N		
2-(2-Methyl-1,4-chlorophenoxy)propionic acid Methylcyclohexane Methylene bromide	HERB				37 N 31000 N 61 N I	3.7 N 3100 N 37 N	1.4 N 14 N	65 N 56000 N 650 N	680 N SAT 6800 N	60 S	1500 N
Methylene chloride 4,4'-Methylene bis(2-chloroaniline) 4,4'-Methylenebisbenzeneamine	VOC				4.3 C 0.52 C 0.27 C	3.8 C 0.048 C 0.025 C	0.42 C 0.024 C 0.013 C	11 C 3.4 C 1.8 C	25 C 15 C 7.6 C	7 E	0.01 E
4,4'-Methylene bis(N,N'-dimethyl)aniline 4,4'-Methylenediphenyl isocyanate Methyl ethyl ketone		B2			1.5 C 0.035 N I 1900 N	0.14 C 0.021 N 1000 N	0.069 C 810 N	9.7 C 0.37 N 8700 N	41 C 3.9 N 34000 N		
Methyl hydrazine Methyl isobutyl ketone Methyl methacrylate	 VOC				0.061 C 2900 N 2900 N	0.0057 C 84 N 290 N	0.0029 C 110 N 110 N	0.4 C 5200 N 5200 N	1.7 C 55000 N 55000 N		

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				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
2-Methyl-5-nitroaniline Methyl parathion 2-Methylphenol (o-cresol)	SVOC SVOC				2 C 9.1 N 1800 N	0.19 C 0.91 N 180 N	0.096 C 0.34 N 68 N	13 C 16 N 3300 N	58 C 170 N 34000 N	28 S 12000 S	0.041 N 6 E
3-Methylphenol (m-cresol) 4-Methylphenol (p-cresol) Methyl styrene (mixture)	SVOC SVOC				1800 N 180 N 60 N	180 N 18 N 42 N	68 N 6.8 N 8.1 N	3300 N 330 N 220 N	34000 N 3400 N 1200 N	100 N	1 N
Methyl styrene (alpha) Methyl tertbutyl ether (MTBE) Metolaclor (Dual)	VOC PEST				430 N 180 N 5500 N	260 N 3100 N 550 N	95 N 6.8 N 200 N	1800 N 330 N 9800 N	8100 N 3400 N SAT	8.8 S	7.5 N
Metribuzin Mirex Molinate	PEST PEST PEST				910 N 0.037 C 73 N	91 N 0.0035 C 7.3 N	34 N 0.0018 C 2.7 N	1600 N 0.25 C 130 N	17000 N 1.1 C 1400 N		
Molybdenum Monochloramine Naled	PEST				180 N 3700 N 73 N	18 N 370 N 7.3 N	6.8 N 140 N 2.7 N	380 N 6500 N 130 N	8500 N 68000 N 1400 N		
2-Naphthylamine Napropamide Nickel refinery dust	SVOC PEST	A			0.00052 C I 3700 N	0.00005 C 370 N 0.0075 C	0.00002 C 140 N	0.005 C I 6500 N	0.04 C I 68000 N		

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				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Nickel and compounds			16	100	730 N	73 N	27 N	1500 N	34000 N	6900 E	21 E
Nickel subsulfide		A				0.0037 C			39000 C		
Nitrapyrin	PEST				55 N	5.5 N	2 N	98 N	1000 N		
Nitrate				10000	58000 N	5800 N	2200 N	SAT	SAT		
Nitric Oxide					3700 N	370 N	140 N	6500 N	SAT		
Nitrite				1000	3700 N	370 N	140 N	6500 N	SAT		
2-Nitroaniline	SVOC				2.2 N	0.21 N	0.081 N	3.9 N	41 N		
3-Nitroaniline	SVOC				110 N I	11 N	4.1 N	230 N I	6100 N I		
4-Nitroaniline	SVOC				110 N I	11 N	4.1 N	230 N I	6100 N I		
Nitrobenzene	VOC				3.4 N I	2.1 N	0.68 N	33 N	340 N	110 E	0.09 E
Nitrofurantoin					2600 N	260 N	95 N	4600 N	48000 N		
Nitrofurazone					0.045 C	0.00067 C	0.0021 C	0.3 C	1.3 C		
Nitrogen dioxide					37000 N I	3700 N	1400 N	SAT	SAT		
Nitroguanidine					3700 N	370 N	140 N	6500 N	68000 N		
4-Nitrophenol					2300 N I	230 N	84 N	4800 N I	SAT		
2-Nitropropane	VOC				35 C	0.00067 C					
N-Nitrosodi-n-butylamine	VOC	B2			0.012 C	0.0011 C	0.00058 C	0.08 C	0.4 C		
N-Nitrosodiethanolamine		B2			0.024 C	0.0022 C	0.0011 C	0.2 C	0.7 C		

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				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
N-Nitrosodiethylamine	SVOC	B2			0.00045 C	0.00004 C	0.00002 C	0.003 C	0.01 C		
N-Nitrosodimethylamine	SVOC	B2			0.0013 C	0.00013 C	0.00006 C	0.009 C	0.04 C		
N-Nitrosodiphenylamine	SVOC	B2			14 C	1.3 C	0.64 C	91 C	390 C	29 C	0.2 E
N-Nitroso di-n-propylamine	SVOC				0.0096 C	0.00089 C	0.00045 C	0.06 C	0.3 C	0.014 C	0.00002 E
N-Nitroso-N-methylethylamine		B2			0.0031 C	0.00028 C	0.00014 C	0.02 C	0.09 C		
N-Nitrosopyrrolidine		B2			0.032 C	0.0029 C	0.0015 C	0.2 C	0.9 C		
m-Nitrotoluene					61 N I	37 N	14 N	650 N	6800 N	460 S	0.42 N
o-Nitrotoluene					61 N I	37 N	14 N	780 N I	20000 N I	460 S	0.42 N
p-Nitrotoluene					61 N I	37 N	14 N	650 N	6800 N	460 S	0.42 N
Norflurazon	PEST				1500 N I	150 N	54 N	31000 N I			
NuStar	PEST				26 N	2.6 N	0.95 N	46 N	480 N		
Octabromodiphenyl ether					110 N	11 N	4.1 N	200 N	2000 N		
Octahydro-1357-tetranitro-1357-tetrazocine					1800 N	180 N	68 N	3300 N	34000 N		
Octamethylpyrophosphoramide	SVOC				73 N	7.3 N	2.7 N	130 N	1400 N		
Oryzalin	PEST				1800 N	180 N	68 N	3300 N	34000 N		
Oxadiazon	PEST				180 N	18 N	6.8 N	330 N	3400 N		
Oxamyl	PEST			200	910 N	91 N	34 N	1600 N	17000 N		
Oxyfluorfen	PEST				110 N	11 N	4.1 N	200 N	2000 N		

EPA Region 6
Human Health
Media-Specific Screening Levels

Legend: MCL = Maximum Contaminant Level
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PEST = Pesticide Herb = Herbicide
VOC = Volatile Organic Compound
SVOC = Semi-Volatile Organic Compound
"Blank" = Missing data for generation of value.

Basis: C= carcinogenic effects N = non-carcinogenic effects
E = EPA draft Soil Screening Level S = soil saturation concentration
M' = EPA MCL I = Ingestion route only

Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-6} C= 10^{-6} Blank= 10^{-6}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Paclobutrazol	PEST				470 N	47 N	18 N	850 N	8900 N		
Paraquat	PEST				160 N	16 N	6.1 N	290 N	3100 N		
Parathion	PEST				220 N	22 N	8.1 N	390 N	4100 N	110 S	3.9 N
Pebulate	PEST				1800 N	180 N	68 N	3300 N	34000 N		
Pendimethalin	PEST				1500 N	150 N	54 N	2600 N	27000 N		
Pentabromo-6-chloro cyclohexane					2.9 C	0.27 C	0.14 C	19 C	83 C		
Pentabromodiphenyl ether					73 N	7.3 N	2.7 N	130 N	1400 N		
Pentachlorobenzene					4.9 N I	2.9 N	1.1 N	52 N	550 N	570 N	48 N
Pentachloronitrobenzene	SVOC				0.041 C I	0.024 C	0.012 C	1.7 C	7.3 C		
Pentachlorophenol	PEST			1	0.56 C	0.052 C	0.026 C	2.5 C	7.9 C	7.9 C	0.2 E
Permethrin	PEST				1800 N	180 N	68 N	3300 N	34000 N		
Phenmedipham	PEST				9100 N	910 N	340 N	16000 N	SAT		
Phenol	SVOC				22000 N	2200 N	810 N	39000 N	SAT	21000 S	49 E
m-Phenylenediamine	SVOC				220 N	22 N	8.1 N	390 N	4100 N		
p-Phenylenediamine	SVOC				6900 N	690 N	260 N	12000 N	SAT		
Phenylmercuric acetate					2.9 N	0.29 N	0.11 N	5.2 N	55 N		
2-Phenylphenol					35 C	3.2 C	1.6 C	230 C	980 C		
Phorate	PEST				7.3 N	0.73 N	0.27 N	13 N	140 N		

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Media-Specific Screening Levels

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Basis: C= carcinogenic effects N = non-carcinogenic effects
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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-5} Blank= 10^{-6}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Phosmet	PEST				730 N	73 N	27 N	1300 N	14000 N		
Phosphine					11 N	0.31 N	0.41 N	20 N	200 N		
Phosphoric acid					100 N I	10 N					
Phosphorus (white)					0.73 N I	0.073 N	0.027 N	1.6 N I	41 N I		
p-Phthalic acid					37000 N I	3700 N	1400 N	SAT	SAT		
Phthalic anhydride	SVOC				73000 N I	130 N	2700 N	SAT	SAT		
Picloram	PEST				2600 N	260 N	95 N	4600 N	48000 N		
Pirimiphos-methyl	PEST				370 N	37 N	14 N	650 N	6800 N		
Polybrominated biphenyls					0.0076 C	0.0007 C	0.00035 C	0.05 C	0.2 C		
Polychlorinated biphenyls (PCBs)	SVOC	B2		0.5	0.009 C	0.00081 C	0.00041 C	0.07 C	0.3 C		
Aroclor 1016					2.6 N	0.26 N	0.095 N	4.9 N	65 N		
Aroclor 1254					0.73 N	0.073 N	0.027 N	1.4 N	19 N		
Polychlorinated terphenyls (PCTs)					0.015 C I	0.0014 C	0.0007 C	0.14 C I	1.3 C I		
Polynuclear aromatic hydrocarbons										SAT	
Acenaphthene	SVOC				370 N	220 N	81 N	360 S	360 S	120 S	200 E
Anthracene	SVOC				1800 N	1100 N	410 N	19 S	19 S	6.8 S	4300 E
Benz[a]anthracene	SVOC				0.092 C	0.01 C	0.0043 C	0.6 C	2.6 C	27 S	0.7 E
Benzo[b]fluoranthene	SVOC	B2			0.092 C	0.01 C	0.0043 C	0.6 C	2.6 C	23 S	4 E

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Media-Specific Screening Levels

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level:* *A/B= 10^{-6}* *C= 10^{-5}* *Blank= 10^{-4}*	*Soil Regional Background Conc/Range (mg/kg)*		*Risk-Based Screening Levels*					*Soil Screening Level Transfers from Soil to:*	
				Drinking Water (MCL's)	*Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)*			
								Residential	*Industrial*	*Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Benzo[k]fluoranthene Benzo[a]pyrene Carbazole	SVOC SVOC SVOC	B2 B2		0.2	0.92 C 0.0092 C 3.4 C I	0.1 C 0.001 C 0.31 C	0.043 C 0.00043 C 0.16 C	6.1 C 0.06 C 32 C I	26 C 0.3 C 290 C I	11 S 11 S	4 E 4 E 0.5 E
Chrysene Dibenz[a,h]anthracene Fluoranthene	SVOC SVOC SVOC				9.2 C 0.0092 C 1500 N	1 C 0.001 C 150 N	0.43 C 0.00043 C 54 N	24 S 0.06 C 2600 N	24 S 0.3 C 27000 N	3.6 S 7.2 S 68 S	1 E 11 E 980 E
Fluorene Indeno[1,2,3-cd]pyrene Naphthalene	SVOC SVOC SVOC	B2			240 N 0.092 C 240 N	150 N 0.01 C 150 N	54 N 0.0043 C 54 N	300 S 0.6 C 800 S	300 S 2.6 C 800 S	89 S 280 S 180 S	160 E 35 E 30 E
Pyrene Prochloraz Profluralin	SVOC PEST	C			1100 N 4.5 C I 220 N	110 N 0.42 C 22 N	41 N 0.21 C 8.1 N	2000 N 30 C 390 N	20000 N 130 C 4100 N	56 S	1400 E
Prometon Prometryn Pronamide	PEST PEST PEST				550 N 150 N 2700 N	55 N 15 N 270 N	20 N 5.4 N 100 N	980 N 260 N 4900 N	10000 N 2700 N 51000 N		
Propachlor Propanil Propargite	PEST PEST PEST				470 N 180 N 730 N	47 N 18 N 73 N	18 N 6.8 N 27 N	850 N 330 N 1300 N	8900 N 3400 N 14000 N		

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Media-Specific Screening Levels

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Propargyl alcohol	VOC				73 N	7.3 N	2.7 N	130 N	1400 N		
Propazine	PEST				730 N	73 N	27 N	1300 N	14000 N		
Propham	PEST				730 N	73 N	27 N	1300 N	14000 N		
Propiconazole	PEST				470 N	47 N	18 N	850 N	8900 N		
Propylene glycol					730000 N	73000 N	27000 N	SAT	SAT		
Propylene glycol, monoethyl ether					26000 N	2600 N	950 N	46000 N	SAT		
Propylene glycol, monomethyl ether					26000 N	2100 N	950 N	46000 N	SAT		
Propylene oxide		B2			0.22 C	0.49 C	0.013 C	2.7 C I	24 C I		
Pursuit	PEST				9100 N	910 N	340 N	16000 N	SAT		
Pydrin	PEST				910 N	91 N	34 N	1600 N	17000 N		
Pyridine	VOC				37 N	3.7 N	1.4 N	65 N	680 N		
Quinalphos	PEST				18 N	1.8 N	0.68 N	33 N	340 N		
Quinoline					0.0056 C	0.00052 C	0.00026 C	0.04 C	0.2 C		
Resmethrin	PEST				1100 N	110 N	41 N	2000 N	20000 N		
Ronnel	PEST				1800 N	180 N	68 N	3300 N	34000 N		
RDX (Cyclonite)		C			6.1 C	0.6 C		40 C	170 C		
Rotenone	PEST				150 N	15 N	5.4 N	260 N	2700 N		
Savey	PEST				910 N	91 N	34 N	1600 N	17000 N		
Selenious Acid					180 N	18 N	6.8 N	330 N	3400 N		

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Media-Specific Screening Levels

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-4} C= 10^{-5} Blank= 10^{-6}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Selenium Selenoureа Sethoxydim	 PEST		0.2	50	180 N 180 N 3300 N	18 N 18 N 330 N	6.8 N 6.8 N 120 N	380 N 330 N 5900 N	8500 N 3400 N 61000 N		3 E
Silver and compounds Simazine Sodium azide	 PEST		0.01-5	 4	180 N 0.6 C 150 N	18 N 0.052 C 15 N	6.8 N 0.026 C 5.4 N	380 N 3.7 C 260 N	8500 N 16 C 2700 N		
Sodium diethyldithiocarbamate Sodium fluoroacetate Sodium metavanadate	 PEST				0.25 C 0.73 N 37 N	0.023 C 0.073 N 3.7 N	0.012 C 0.027 N 1.4 N	1.6 C 1.3 N 65 N	7.1 C 14 N 680 N		
Strontium, stable Strychnine Styrene	 PEST VOC			 100	22000 N 11 N 1600 N	2200 N 1.1 N 1000 N	810 N 0.41 N 270 N	46000 N 20 N 2200 S	SAT 200 N 2200 S	 1400 E	 2 E
Systhane 2,3,7,8-TCDD (dioxin) Tebuthiuron	PEST PEST			 3E-08	910 N 4.5E-07 C 2600 N	91 N 5.4E-08 C 260 N	34 N 95 N	1600 N 3.8E-06 C 4600 N	17000 N 2.4E-05 C 48000 N		
Temephos Terbacil Terbufos	PEST PEST PEST				730 N 470 N 0.91 N	73 N 47 N 0.091 N	27 N 18 N 0.034 N	1300 N 850 N 1.6 N	14000 N 8900 N 17 N		

EPA Region 6
Human Health
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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level:* *A/B= 10^{-4}* *C= 10^{-5}* *Blank= 10^{-6}*	*Soil Regional Background Conc/Range (mg/kg)*		*Risk-Based Screening Levels*					*Soil Screening Level Transfers from Soil to:*	
				Drinking Water (MCL's)	*Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)*			
								Residential	*Industrial*	*Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Terbutryn	PEST				37 N	3.7 N	1.4 N	65 N	680 N		
1,2,4,5-Tetrachlorobenzene	SVOC				11 N	11 N	0.41 N	20 N	200 N	91 N	0.69 N
1,1,1,2-Tetrachloroethane	VOC	C			4.3 C	2.4 C	1.2 C	48 C	120 C		
1,1,2,2-Tetrachloroethane	VOC	C			0.55 C	0.31 C	0.16 C	9 C	24 C	0.4 E	0.001 E
Tetrachloroethylene (PCE)	VOC			5	1.1 C	3.1 C	0.061 C	7 C	25 C	11 E	0.04 E
2,3,4,6-Tetrachlorophenol	SVOC				1100 N	110 N	41 N	2000 N	20000 N		
p,a,a,a-Tetrachlorotoluene					0.00053 C I	0.00031 C	0.00016 C	0.02 C	0.1 C		
Tetrachlorovinphos	PEST				2.8 C	0.26 C	0.13 C	19 C	79 C		
Tetraethyldithiopyrophosphate	PEST				18 N	1.8 N	0.68 N	33 N	340 N		
Tetraethyl lead					0.0037 N	0.00037 N	0.00014 N	0.006 NI	0.07 N	0.00068 N	0.000034 N
1,1,1,2-Tetrafluoroethane					140000 N I	84000 N					
Thallic oxide					2.6 N	0.26 N	0.095 N	5.4 N	120 N		
Thallium				20							0.4 E
Thallium acetate					3.3 N	0.33 N	0.12 N	6.9 N	150 N		
Thallium carbonate					2.9 N	0.29 N	0.11 N	6.1 N	140 N		
Thallium chloride					2.9 N	0.29 N	0.11 N	6.1 N	140 N		
Thallium nitrate					3.3 N	0.33 N	0.12 N	6.9 N	150 N		
Thallium selenite					3.3 N	0.33 N	0.12 N	6.9 N	150 N		

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Media-Specific Screening Levels

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-6} C= 10^{-6} Blank= 10^{-4}*	*Soil Regional Background Conc./Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
Thallium sulfate Thiobencarb 2-(Thiocyanomethylthio)-benzothiazole	PEST				2.9 N 370 N 1100 N	0.29 N 37 N 110 N	0.11 N 14 N 41 N	6.1 N 650 N 2000 N	140 N 6800 N 20000 N		
Thiofanox Thiophanate-methyl Thiram	PEST PEST				11 N 2900 N 180 N	1.1 N 290 N 18 N	0.41 N 110 N 6.8 N	20 N 5200 N 330 N	200 N 55000 N 3400 N		
Tin and compounds Toluene Toluene-2,4-diamine	VOC		122	1000	22000 N 720 N 0.021 C	2200 N 420 N 0.002 C	810 N 270 N 0.00099 C	46000 N 1900 N 0.1 C	SAT 2700 S 0.6 C	520 E	5 E
Toluene-2,5-diamine Toluene-2,6-diamine p-Toluidine					22000 N 7300 N 0.35 C	2200 N 730 N 0.033 C	810 N 270 N 0.017 C	39000 N 13000 N 2.3 C	SAT SAT 10 C		
Toxaphene Tralomethrin Triallate	PEST PEST PEST	B2		3	0.061 C 270 N 470 N	0.0056 C 27 N 47 N	0.0029 C 10 N 18 N	0.4 C 490 N 850 N	1.7 C 5100 N 8900 N	5 E	0.04 E
Triasulfuron 1,2,4-Tribromobenzene Tributyltin oxide (TBTO)	PEST PEST				370 N 30 N I 1.1 N	37 N 18 N 0.11 N	14 N 6.8 N 0.041 N	650 N 330 N 2 N	6800 N 3400 N 20 N		

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-6} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc./Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
2,4,6-Trichloroaniline hydrochloride					2.3 C	0.22 C	0.11 C	15 C	66 C		
2,4,6-Trichloroaniline					2.0 C	0.18 C	0.093 C	13 C	56 C		
1,2,4-Trichlorobenzene	VOC			70	190 N	210 N	14 N	620 N	5900 N	240 E	2 E
1,1,1-Trichloroethane	VOC			200	1300 N	1000 N	120 N	3200 N	3000 S	980 E	0.9 E
1,1,2-Trichloroethane	VOC			5	0.2 C	0.11 C	0.055 C	1.4 C	3.3 C	0.8 E	0.01 E
Trichloroethylene (TCE)	VOC			5	1.6 C	1 C	0.29 C	7.1 C	17 C	3 E	0.02 E
Trichlorofluoromethane	VOC				1300 N	730 N	410 N	710 N	2400 N	790 N	13 N
2,4,5-Trichlorophenol	SVOC				3700 N	370 N	140 N	6500 N	68000 N	8200 S	120 E
2,4,6-Trichlorophenol	SVOC	B2			6.1 C	0.57 C	0.29 C	40 C	170 C	150 C	0.06 E
2,4,5-Trichlorophenoxyacetic acid	PEST				370 N	37 N	14 N	650 N	6800 N		
2-(2,4,5-Trichlorophenoxy)propionic acid	PEST				290 N	29 N	11 N	520 N	5500 N		
1,1,2-Trichloropropane					30 N	18 N	6.8 N	51 N	190 N	13 N	0.14 N
1,2,3-Trichloropropane					0.0015 C I	0.00089 C	0.00045 C	0.007 C	0.02 C	0.00003 C	6.0E-06 C
1,2,3-Trichloropropene					31 N	18 N	6.8 N	75 N	290 N		
1,1,2-Trichloro-1,2,2- trifluoroethane					59000 N	31000 N	41000 N	3600 S	3600 S	2400 S	3100 N
Tridiphane	PEST				110 N	11 N	4.1 N	200 N	2000 N		
Triethylamine					12 N	7.3 N		22 N	80 N		
Trifluralin	PEST	C			87 C	8.1 C	4.1 C	580 C	2500 C		

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Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-6} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc/Range (mg/kg)*	*Drinking Water (MCL's)*	*Risk-Based Screening Levels* *Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)* *Residential*	*Industrial*	*Soil Screening Level Transfers from Soil to:* *Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
1,2,4-Trimethylbenzene	VOC				300 N I	180 N	68 N	3900 N I	SAT		
1,3,5-Trimethylbenzene	VOC				300 N I	180 N	68 N	3900 N I	SAT	98 S	0.26 M
Trimethyl phosphate					1.8 C	0.17 C	0.085 C	12 C	52 C		
1,3,5-Trinitrobenzene	SVOC				1.8 N	0.18 N	0.068 N	3.3 N	34 N		
Trinitrophenylmethylnitramine					370 N	37 N	14 N	650 N	6800 N		
2,4,6-Trinitrotoluene		C			22 C	2.1 C	1.1 C	480 C	640 C		
Uranium (soluble salts)					110 N	11 N	4.1 N	230 N	5100 N		
Vanadium			66		260 N	26 N	9.5 N	540 N	12000 N		
Vanadium pentoxide					330 N	33 N	12 N	690 N	15000 N		
Vanadium sulfate					730 N	73 N	27 N	1500 N	34000 N		
Vernam	PEST				37 N	3.7 N	1.4 N	65 N	680 N		
Vinclozolin	PEST				910 N	91 N	34 N	1600 N	17000 N		
Vinyl acetate	VOC				37000 N	210 N	1400 N	65000 N	SAT	370 E	84 E
Vinyl bromide					5.2 N I	3.1 N				2 N	0.018 N
Vinyl chloride	VOC			2	0.02 C	0.021 C	0.0017 C	0.005 C	0.01 C	0.002 E	0.01 E
Warfarin	PEST				11 N	1.1 N	0.41 N	20N	200 N	0.046 N	1800 N
m-Xylene	VOC				1400 N	730 N	2700 N	980 S	980 S	950 S	240 M
o-Xylene	VOC				1400 N	730 N	2700 N	980 S	980 S	730 S	150 M

EPA Region 6
Human Health
Media-Specific Screening Levels

Legend: MCL = Maximum Contaminant Level SAT = risk-based value above expected saturation point max = maximum concentration PEST = Pesticide Herb = Herbicide VOC = Volatile Organic Compound SVOC = Semi-Volatile Organic Compound *"Blank" = Missing data for generation of value.*					*Basis: C= carcinogenic effects N = non-carcinogenic effects* *E = EPA draft Soil Screening Level S = soil saturation concentration* *M' = EPA MCL I = Ingestion route only*						
Contaminant	*Chemical Group Name*	*Cancer Class* *Risk Level: A/B= 10^{-6} C= 10^{-5} Blank= 10^{-4}*	*Soil Regional Background Conc./Range (mg/kg)*		*Risk-Based Screening Levels*					*Soil Screening Level Transfers from Soil to:*	
				Drinking Water (MCL's)	*Tap Water (Residential Scenario: Ingestion, & Inhalation)*	*Ambient Air (Residential Scenario)*	*Fish (Recreational Fishing Scenario)*	*Soil (Ingestion, Inhalation, and Dermal Exposure Routes)*			
								Residential	*Industrial*	*Air*	*Ground Water*
				µg/L	*µg/L*	*µg/m3*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
p-Xylene Xylene (mixed) Zinc	VOC VOC		22-50	10000	520 N I 1400 N 11000 N	310 N 7300 N 1100 N	2700 N 410 N	980 S 980 S 23000 N	980 S 980 S SAT	1000 S 320 E	220 M 74 E 42000 E
Zinc phosphide Zineb	PEST PEST				11 N 1800 N	1.1 N 180 N	0.41 N 68 N	23 N 3300 N	510 N 34000 N		

APPENDIX D

SURVEY DATA FOR AOCs-E, -F, -G, AND -H
CANNON AFB, NEW MEXICO

SURVEY DATA FOR AOCs-E, -F, -G, AND -H
CANNON AFB, NEW MEXICO

			Northing	Easting	Elevation (ft. above MSL)
AOC-E					
	Hand Auger Borings				
		HA01	1230991.79	810213.86	4270.73
		HA02	1231017.11	810106.31	4271.59
		HA03	1231279.39	810125.16	4272.49
		HA04	1231596.04	810141.96	4271.80
	Soil Borings	SB01	1230806.53	810103.12	4268.89
		SB02	1230937.16	810205.08	4270.98
		SB03	1231227.70	810198.15	4271.68
		SB04	1231532.47	810185.92	4272.72
		SB05	1231763.38	810181.15	4270.96
		SB06	1231694.05	810023.56	4271.06
		SB07	1231415.29	810029.16	4271.91
		SB08	1231095.35	810035.94	4271.92
	Trenches*	T1	1230981.74	810212.81	4270.64
			1230998.58	810221.20	4270.68
		T2	1231023.95	810110.64	4271.57
			1231013.30	810096.38	4271.74
		T3	1231273.87	810115.16	4271.98
			1231286.95	810129.61	4272.12
		T4	1231591.18	810150.03	4271.81
			1231601.48	810134.48	4271.63
AOC-F					
	Hand Auger Borings	HA01	1232897.89	808737.69	4278.68
		HA02	1232866.96	808748.97	4281.28
		HA03	1232839.18	808759.70	4285.80
		HA04	1232885.31	808795.93	4284.24
		HA05	1232864.96	808794.56	4281.62
		HA06	1232840.97	808791.55	4285.19
		HA07	1232881.91	808828.92	4281.41
		HA08	1232852.34	808833.15	4283.82
		HA09	1232827.69	808835.55	4287.15
	Shallow Soil Samples	SS01	1233008.76	808746.15	4274.93
		SS02	1232872.85	808633.80	4274.97
		SS03	1232764.43	808760.34	4274.44
		SS04	1232848.96	808917.74	4275.08
		SS05	1232902.31	808872.43	4276.55
		SS06	1232906.93	808842.34	4276.43
		SS07	1232898.02	808810.06	4276.73
		SS08	1232961.75	808750.40	4275.18
		SS09	1232926.31	808684.52	4274.94

SURVEY DATA FOR AOCs-E, -F, -G, AND -H
CANNON AFB, NEW MEXICO

			Northing	Easting	Elevation (ft. above MSL)
AOC-G					
		SB01	1240105.70	801906.83	4316.69
		SB02	1240063.95	801813.44	4317.90
		SB03	1239840.93	801930.01	4317.55
		SB04	1239810.37	801818.45	4318.86
		SB05	1239726.79	801614.13	4320.57
		SB06	1239793.56	801380.54	4321.31
		SB07	1239910.61	801610.77	4319.68
		SB08	1240095.84	801419.10	4320.48
AOC-H					
	Soil Borings	SB01	1238300.69	800965.40	4324.86
		SB02	1238503.41	800731.37	4325.23
		SB03	1238432.57	800959.04	4324.86
		SB04	1238877.00	800722.86	4326.66
		SB05	1238780.62	800772.12	4325.78
		SB06	1238720.74	800971.76	4324.56
	Hand Auger Borings	HA01	1237776.73	800995.02	4325.41
		HA02	1238255.49	801501.08	4323.05
		HA03	1238620.98	801998.59	4320.20
		HA04	1237779.62	802284.85	4319.73
		HA05	1237814.06	802717.26	4318.44
		HA06	1238542.13	802786.77	4314.67
		HA07	1239075.71	802223.47	4318.14
		HA08	1239134.41	803220.93	4306.09

Note:

* Two corners of each square cleared of rubble were surveyed.