N60200.AR.009072
NAS CECIL FIELD
5090.3a

SITE 3 ROUND II RESULTS OF THE ON-SITE WATER AND SUBSURFACE SOIL ANALYSES FOR VOLATILE ORGANICS NAS CECIL FIELD FL
12/15/1993
PACE INCORPORATED

SITE 3 ROUND II RESULTS OF THE ON-SITE
WATER AND SUBSURFACE SOIL ANALYSES
FOR VOLATILE ORGANICS AT THE
NAS CECIL FIELD FACILITY LOCATED
IN JACKSONVILLE, FLORIDA

Prepared For: Mr. Charlie Donahue
ABB Environmental Services, Inc.

Prepared By: PACE, Incorporated
1710 Douglas Drive North
Golden Valley, Minnesota 55422

PACE Project No.: 930121.600
Report Date: December 15, 1993

On-site analysis was performed by me and personnel under my direct supervision.

(for)

James R. Archer
Project Field Supervisor

All analysis and data reduction were performed by PACE, Incorporated under my supervision.

Robert R. Elliott
Manager, Field and Air Services Department

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INTRODUCTION

PACE Incorporated was contracted by ABB Environmental Services, Inc. to perform on-site water and soil analyses for volatile organics at the NAS Cecil Field site in Jacksonville, Florida. On-site analytical services were performed under Navy Contract N62467-D-0317 subcontract no. SE2-09-049 effective August 21, 1993 through November 17, 1993.

Water and soil samples were analyzed on-site following a modification of method SW846-8010/8020 utilizing Navy Energy and Environmental Support Activity (NEESA) Quality Control Level C. Analysis was performed using an HP5890 series II gas chromatograph with a 60m DB624 megabore (0.53mm I.D) column. An OI Electrolytic Conductivity Detector (ELCD) and an OI Photo ionization Detector were used for analyte quantitation. A Horizon VG minichrom system was used for data acquisition.

Water samples were introduced into the gas chromatographic system following SW846/5030A section 7.3.1., purge and trap injection. Low level soil samples were introduced into the gas chromatographic system following SW846/5030A section 7.3.3.1. and medium level soil extracts following SW846/5030A section 7.3.3.2..

Initially when samples were received from site 3 they were analyzed following a modification of method SW846-8010/8020 and TPH. All samples received on September 1,1993 and later were analyzed following a modification of method SW846-8010/8020 only, no TPH analysis was done.

APPENDIX A
SITE 3 - WATER ANALYSIS RESULTS

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/16/93
Date Analyzed :	9/21/93
Time Analyzed :	13:08
Analyzed By :	SAB
Sample Number :	10 701520
Run Number :	ABB0921,7
Sample Name :	**GSS-3-40**
	(6-8)

FIELD ANALYSIS: MID LEVEL , SOIL

Volatile Organics In Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units	
1,1-Dichloroethylene	75-35-4	0.50	mg/Kg	ND
Methylene Chloride	75-09-2	0.25	mg/Kg	ND
Trans-1,2-Dichloroethene	156-60-5	0.25	mg/Kg	ND
1,1-Dichloroethane	75-34-3	0.25	mg/Kg	ND
Cis-1,2-Dichloroethene	156-59-2	0.25	mg/Kg	ND
Chloroform	67-66-3	0.25	mg/Kg	ND
1,1,1-Trichloroethane	71-55-6	0.25	mg/Kg	ND
Carbon Tetrachloride	56-23-5	0.25	mg/Kg	ND
1,2-Dichloroethane	107-06-2	0.25	mg/Kg	ND
Benzene	71-43-2	0.25	mg/Kg	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.25	mg/Kg	2.7(C)
Toluene	108-88-3	0.25	mg/Kg	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.25	mg/Kg	ND
Chlorobenzene	108-90-7	0.25	mg/Kg	ND
EthylBenzene	100-41-4	0.25	mg/Kg	ND
Total Xylenes	1330-20-7	0.75	mg/Kg	ND
1,3-Dichlorobenzene	541-73-1	0.25	mg/Kg	ND
1,4-Dichlorobenzene	106-46-7	0.25	mg/Kg	0.84(C)
1,2-Dichlorobenzene	95-50-1	0.25	mg/Kg	11 (3)(C)
Naphthalene	91-20-3	0.50	mg/Kg	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interference.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/2/93	9/2/93	9/2/93	9/2/93
Date Analyzed :	9/3/93	9/3/93	9/3/93	9/3/93
Time Analyzed :	11:19	12:02	16:21	13:27
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701441	10 701442	10 701448	10 701444
Run Number :	ABB0903,4	ABB0903,5	ABB0903,11	ABB0903,7
Sample Name :	**GS-3-34**	**GS-3-34**	**GS-3-34**	**GS-3-34**
	(18-22)	**(28-32)**	**(52-56)**	**(72-76)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	34 (4)(C)	40 (C)	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	5.9(D)	7.9 (D)	30 (C)	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	170 (4)(C)	38 (C)	2.8 (C)	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	5.8 (D)	3.3 (D)	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	660 (5)(C)	270 (5)(C)	13 (C)	2.6 (C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	7.3 (D)	5.9 (D)	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	7.5 (D)	31 (D)	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	26 (C)	96 (5)(C)	2.4 (C)	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	230 (4)(C)	740 (5)(C)	22 (C)	5.2 (C)
Naphthalene	91-20-3	4.0	ug/l	110 (4)(C)	87 (5)(C)	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/2/93	9/2/93	9/2/93	9/2/93
Date Analyzed :	9/3/93	9/3/93	9/3/93	9/3/93
Time Analyzed :	14:55	14:11	10:36	15:38
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701446	10 701445	10 701440	10 701447
Run Number :	ABB0903,9	ABB0903,8	ABB0903,3	ABB0903,10
Sample Name :	**GS-3-34**	**GS-3-34**	**GS-3-34**	**GS-3-34**
	(72-76FB)	**(72-76R)**	**(8-12)**	**(90-94)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	4.9 (C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	2.2 (C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	23 (C)
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	4.1 (C)

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(1)=Unable to report due to excessive matrix interference.
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(4)=MDL 10X higher than that listed above.
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(6)=MDL 50X higher than that listed above.
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(A)= Run at this dilution due to excessive matrix interferenc ence.
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(B)= Changed After Validation
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			9/2/93	9/3/93	9/3/93	9/3/93
Date Analyzed :			9/4/93	9/3/93	9/4/93	9/3/93
Time Analyzed :			11:28	22:14	12:11	22:56
Analyzed By :			SAB	SAB	SAB	SAB
Sample Number :			10 701443	10 701453	10 701454	10 701455
Run Number :			ABB0904,3	ABB0903A,5	ABB0904,4	ABB0903A,6
Sample Name :			**GS-3-34**	**GS-3-35**	**GS-3-35**	**GS-3-35**
			(090293)DI	**(18-22)**	**(18-22D)**	**(28-32)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	7.5 (C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	4.6 (C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	2 (C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	17 (C)	16 (C)	75 (4)(C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	2.8 (C)
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
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(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
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(8)=MDL 100X higher than that listed above.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/3/93	9/3/93	9/3/93	9/4/93
Date Analyzed :	9/4/93	9/4/93	9/3/93	9/5/93
Time Analyzed :	13:38	12:54	20:50	:33
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701457	10 701456	10 701451	10 701458
Run Number :	ABB0904,6	ABB0904,5	ABB0903A,3	ABB0904,21
Sample Name :	**GS-3-35**	**GS-3-35**	**GS-3-35**	**GS-3-35**
	(52-56)	**(72-76)**	**(8-12)**	**(91-93)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	5.8 (C)	47 (4)(C)	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	16 (C)	82 (4)(C)	8.7 (C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	2.4 (D)	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	2.7 (C)	36 (C)	190 (4) (C)	21 (C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	2.3 (C)	4.3 (D)	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/3/93	9/5/93	9/4/93	9/4/93
Date Analyzed :		9/3/93	9/6/93	9/6/93	9/5/93
Time Analyzed :		21:32	12:01	15:03	17:41
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701452	10 701472	10 701463	10 701464
Run Number :		ABB0903A,4	ABB0906,4	ABB0906,8	ABB0905,12
Sample Name :		**GS-3-35**	**GS-3-36**	**GS-3-36**	**GS-3-36**
		(8-12R)	**(090593)DI**	**(18-22)**	**(18-22FB)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
						(6)(A)	
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	430 (C)	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	1300 (C)	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	140 (D)	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	1500 (C)	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	110 (D)	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	570 (D)	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	5800 (7)(C)	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	320 (C)	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/4/93	9/5/93	9/5/93	9/5/93
Date Analyzed :	9/6/93	9/6/93	9/6/93	9/6/93
Time Analyzed :	13:22	17:06	11:21	21:12
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701465	10 701468	10 701469	10 701470
Run Number :	ABB0906,6	ABB0906,11	ABB0906,3	ABB0906,17
Sample Name :	**GS-3-36**	**GS-3-36**	**GS-3-36**	**GS-3-36**
	(28-32)	**(52-56)**	**(52-56R)**	**(72-76)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
				(4)(A)			
1,1-Dichloroethylene	75-35-4	4.0	ug/l	90 (D)	8.4 (D)	ND	5.4 (C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	26 (D)	7.3 (D)	ND	3.9 (D)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	360 (C)	23 (C)	ND	28 (C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	34 (D)	3.1 (D)	ND	2.1 (D)
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	350 (C)	23 (C)	ND	25 (C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	42 (D)	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	200 (D)	7.8 (D)	ND	9.4 (D)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	2500 (8)(C)	200 (5)(C)	ND	110 (5)(C)
Naphthalene	91-20-3	4.0	ug/l	160 (D)	8.5 (D)	ND	8.6 (D)

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(6)=MDL 50X higher than that listed above.
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(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/4/93	9/4/93	9/5/93	9/6/93
Date Analyzed :	9/5/93	9/5/93	9/6/93	9/7/93
Time Analyzed :	1:13	1:52	21:51	17:42
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701459	10 701462	10 701471	10 701479
Run Number :	ABB0904,22	ABB0904,23	ABB0906,18	ABB0907,13
Sample Name :	**GS-3-36**	**GS-3-36**	**GS-3-36**	**GS-3-37**
	(8-12)	**(8-12R)**	**(90-94)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	5.9 (C)	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	3.6 (C)	14 (C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	2.4 (C)	3.0 (C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	26 (C)	35 (C)
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/6/93	9/7/93	9/6/93	9/6/93
Date Analyzed :		9/7/93	9/12/93	9/6/93	9/6/93
Time Analyzed :		17:02	19:37	22:31	23:10
Analyzed By :		SAB	JRA	SAB	SAB
Sample Number :		10 701478	10 701483	10 701473	10 701474
Run Number :		ABB0907,12	ABB0912,12	ABB0906,19	ABB0906,20
Sample Name :		**GS-3-37**	**GS-3-37**	**GS-3-37**	**GS-3-37**
		(72-76)	**(90-94)**	**(10-14)**	**(18-22)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
					(3)		(4)(A)
1,1-Dichloroethylene	75-35-4	4.0	ug/l	18 (C)	ND	74 (5)(C)	460 (6)(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	3.7 (D)	ND	13(C)	53 (D)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	6.9 (C)	ND	3.1(C)	39 (D)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	8.0 (C)	ND	26(C)	190 (C)
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	66 (5)(C)	31 (C)	130 (5)(C)	1100 (6)(C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	6.2 (D)	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	24 (C)	15 (C)	ND	79 (D)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	220 (5)(C)	150 (C)	ND	700 (6)(C)
Naphthalene	91-20-3	4.0	ug/l	22 (C)	ND	ND	150(C)

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/6/93	9/6/93	9/6/93	9/7/93
Date Analyzed :	9/7/93	9/6/93	9/7/93	9/12/93
Time Analyzed :	12:01	19:13	13:33	20:18
Analyzed By :	SAB	SAB	SAB	JRA
Sample Number :	10 701475	10 701477	10 701476	10 701485
Run Number :	ABB0907,6	ABB0906,14	ABB0907,8	ABB0912,13
Sample Name :	**GS-3-37**	**GS-3-37**	**GS-3-37**	**GS-3-37**
	(18-22D)	**(18-22R)**	**(28-32)**	**(90-94D)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
				(4)(A)			(3)
1,1-Dichloroethylene	75-35-4	4.0	ug/l	420 (6)(C)	ND	46 (5)(C)	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	55 (D)	ND	5.7 (D)	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	38 (D)	ND	37 (C)	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	190 (C)	ND	12 (C)	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	1100 (6)(C)	ND	410 (5)(C)	30 (C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	13 (C)	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	77 (D)	ND	73 (5) (C)	16 (C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	690 (6)(C)	ND	520 (5)(C)	160 (C)
Naphthalene	91-20-3	4.0	ug/l	170 (C)	ND	96 (5)(C)	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/7/93	9/13/93	9/13/93	9/13/93
Date Analyzed :		9/7/93	9/14/93	9/14/93	9/14/93
Time Analyzed :		21:03	16:24	17:00	17:42
Analyzed By :		SAB	JRA	JRA	JRA
Sample Number :		10 701484	10 701486	10 701488	10 701489
Run Number :		ABB0907,18	ABB0914,4	ABB0914,5	ABB0914,6
Sample Name :		**GS-3-37**	**GS-3-38**	**GS-3-38**	**GS-3-38**
		(90-94R)	**(8-12)**	**(18-22)**	**(28-32)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
							(3)
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	75(C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	(1)	(1)

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/14/93	9/14/93	9/14/93	9/13/93
Date Analyzed :		9/15/93	9/15/93	9/15/93	9/14/93
Time Analyzed :		10:07	10:43	11:19	18:56
Analyzed By :		JRA	JRA	JRA	JRA
Sample Number :		10 701493	10 701494	10 701495	10 701490
Run Number :		ABB0915,3	ABB0915,4	ABB0915,5	ABB0914,8
Sample Name :		**GS-3-38**	**GS-3-38**	**GS-3-38**	**GS-3-38**
		(52-56)	**(72-76)**	**(90-94)**	**(091393)DI**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	13(C)	4.2(C)	10(C)	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	4.9(C)	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	(1)	13(C)	33(C)	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/13/93	9/14/93	9/15/93	9/15/93
Date Analyzed :		9/14/93	9/14/93	9/15/93	9/16/93
Time Analyzed :		18:20	21:22	21:01	10:14
Analyzed By :		JRA	JRA	JRA	JRA
Sample Number :		10 701487	10 701496	10 701503	10 701504
Run Number :		ABB0914,7	ABB0914,12	ABB0915,21	ABB0916,3
Sample Name :		**GS-3-38**	**GS-3-38**	**GS-3-39**	**GS-3-39**
		(8-12R)	**(90-94R)**	**(8-12)**	**(18-22)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				(4)
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	3(C)	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	43(C)
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	200(C)
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	380(C)

MDL - Method Detection Limit ND=Not Detected
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(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/15/93	9/15/93	9/15/93	9/15/93
Date Analyzed :	9/16/93	9/16/93	9/16/93	9/16/93
Time Analyzed :	10:50	11:26	12:02	12:38
Analyzed By :	JRA	JRA	JRA	JRA
Sample Number :	10 701505	10 701506	10 701507	10 701508
Run Number :	ABB0916,4	ABB0916,5	ABB0916,6	ABB0916,7
Sample Name :	**GS-3-39**	**GS-3-39**	**GS-3-39**	**GS-3-39**
	(28-32)	**(52-56)**	**(72-76)**	**(90-94)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	4.7(C)	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	8.9(C)	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	17(C)	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	2.5(C)	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	13(C)	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	23(C)	ND	ND

MDL - Method Detection Limit ND=Not Detected
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/15/93	9/15/93	9/15/93	9/16/93
Date Analyzed :	9/16/93	9/16/93	9/16/93	9/16/93
Time Analyzed :	14:29	15:24	13:52	19:36
Analyzed By :	JRA	JRA	JRA	JRA
Sample Number :	10 701511	10 701510	10 701509	10 701514
Run Number :	ABB0916,10	ABB0916,11	ABB0916,9	ABB0916,13
Sample Name :	**GS-3-39**	**GS-3-39**	**GS-3-39**	**GS-3-40**
	(18-22D)	**(18-22FB)**	**(8-12R)**	**(8-12)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
				(4)			
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	280 (4)(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	160 (4)(C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	66 (4)(C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	6.9(C)
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	790 (6)(C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	41(C)	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	200(C)	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	12(C)
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	50 (4)(C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	530 (6)(C)
Naphthalene	91-20-3	4.0	ug/l	370(C)	ND	ND	34(C)

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/16/93	9/16/93	9/16/93	9/17/93
Date Analyzed :	9/16/93	9/16/93	9/17/93	9/18/93
Time Analyzed :	21:24	19:00	11:51	1:04
Analyzed By :	JRA	JRA	JRA	SAB
Sample Number :	10 701515	10 701516	10 701517	10 701529
Run Number :	ABB0916,16	ABB0916,12	ABB0917,5	ABB0917,26
Sample Name :	**GS-3-40**	**GS-3-40**	**GS-3-40**	**GS-3-40**
	(18-22)	**(28-32)**	**(52-56)**	**(79-83)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
				(4)	(4)	(3)	
1,1-Dichloroethylene	75-35-4	4.0	ug/l	300(C)	40(C)	27(C)	21(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	250(C)	750 (6)(C)	65(C)	72 (5)(C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	92(C)	37(C)	11(C)	13(C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	800 (6)(C)	900 (6)(C)	95(C)	92 (5)(C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	20(C)	ND	ND	3(DNC)
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	94(C)	ND	ND	13(C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	850 (6)(C)	130(C)	75(C)	95 (5)(C)
Naphthalene	91-20-3	4.0	ug/l	74(C)	ND	ND	8.3(C)

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/17/93	9/16/93	9/17/93	9/18/93
Date Analyzed :	9/17/93	9/16/93	9/18/93	9/19/93
Time Analyzed :	23:51	23:12	:27	:29
Analyzed By :	SAB	JRA	SAB	SAB
Sample Number :	10 701530	10 701518	10 701528	10 701534
Run Number :	ABB0917,24	ABB0916,19	ABB0917,25	ABB0918A,11
Sample Name :	**GS-3-40**	**GS-3-40**	**GS-3-40**	**GS-3-41**
	(79-83R)	**(8-12R)**	**(72-76)**	**(091893)DI**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	110 (5)(C)	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	170 (5)(C)	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	26(C)	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	260 (5)(C)	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	9.3(DNC)	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	35(C)	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	250 (5)(C)	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	20(C)	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/17/93	9/18/93	9/18/93	9/18/93
Date Analyzed :		9/18/93	9/19/93	9/19/93	9/19/93
Time Analyzed :		13:53	1:47	11:59	10:39
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701532	10 701535	10 701536	10 701537
Run Number :		ABB0918,8	ABB0918A,13	ABB0919,5	ABB0919,3
Sample Name :		**GS-3-41**	**GS-3-41**	**GS-3-41**	**GS-3-41**
		(18-22)	**(52-54)**	**(52-54D)**	**(72-76)**
FIELD ANALYSIS:	**Water**				

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
					(4)	(4)	
1,1-Dichloroethylene	75-35-4	4.0	ug/l	43 (4)(C)	220(C)	310(C)	130 (4)(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	18(C)	640 (6)(C)	750 (6)(C)	120 (4)(C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	36(C)	43(C)	35(C)	95 (4)(C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	7.8(C)	ND	ND	14(C)
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	87 (4)(C)	340(C)	390(C)	190 (4)(C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	2.7(C)
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	10(C)
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	5.6(C)
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	8.4(C)	ND	ND	23(C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	36(C)	44(C)	ND	180 (4)(C)
Naphthalene	91-20-3	4.0	ug/l	28(C)	ND	ND	57 (4)(C)

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/18/93	9/17/93	9/17/93	9/18/93
Date Analyzed :		9/19/93	9/18/93	9/18/93	9/19/93
Time Analyzed :		1:08	13:15	14:32	3:06
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701538	10 701531	10 701533	10 701539
Run Number :		ABB0918A,12	ABB0918,7	ABB0918,9	ABB0918A,15
Sample Name :		**GS-3-41**	**GS-3-41**	**GS-3-41**	**GS-3-41**
		(72-76R)	**(8-12)**	**(28-32)**	**(83-87)**
FIELD ANALYSIS:	**Water**				

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	170 (6)(C)	89 (5)(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	140 (6)(C)	97 (5)(C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	130 (6)(C)	110 (5)(C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	32(C)	9.5(C)
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	3.5(C)	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	3.2(C)	180 (6)(C)	190 (5)(C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	3.3(C)	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	22(C)	6.5(C)
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	**ND(E)**	3.2(C)
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	12(C)	15(C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	130 (6)(C)	190 (5)(C)
Naphthalene	91-20-3	4.0	ug/l	ND	ND	380 (6)(C)	40(C)

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/19/93	9/19/93	9/19/93	9/19/93
Date Analyzed :	9/20/93	9/19/93	9/20/93	9/20/93
Time Analyzed :	1:03	23:40	1:45	:21
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701541	10 701542	10 701544	10 701540
Run Number :	ABB0919,24	ABB0919,22	ABB0919,25	ABB0919,23
Sample Name :	**GS-3-42**	**GS-3-42**	**GS-3-42**	**GS-3-42**
	(18-22)	**(18-22R)**	**(28-32)**	**(4-8)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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(B)= Changed After Validation
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/19/93	9/19/93	9/19/93	9/20/93
Date Analyzed :	9/20/93	9/20/93	9/20/93	9/21/93
Time Analyzed :	11:02	2:26	11:45	:31
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701543	10 701545	10 701548	10 701554
Run Number :	ABB0920,3	ABB0919,26	ABB0920,4	ABB0920A,15
Sample Name :	**GS-3-42**	**GS-3-42**	**GS-3-42**	**GS-3-43**
	(4-8D)	**(52-56)**	**(78-82)**	**(18-22)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	39(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	23(C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	19(C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	3.2(C)
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	30(C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	4.1(C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	30(C)
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	61 (3)(C)

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/20/93	9/20/93	9/20/93	9/20/93
Date Analyzed :	9/20/93	9/21/93	9/21/93	9/21/93
Time Analyzed :	23:16	1:08	1:45	11:53
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701555	10 701556	10 701557	10 701558
Run Number :	ABB0920A,13	ABB0920A,16	ABB0920A,17	ABB0921,5
Sample Name :	**GS-3-43**	**GS-3-43**	**GS-3-43**	**GS-3-43**
	(18-22R)	**(28-32)**	**(52-55)**	**(72-75)**

FIELD ANALYSIS; **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	37(C)	12 (C)	34 (C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	26(C)	8.4 (C)	31 (C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	24(C)	7.2 (C)	25 (C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	4.8(C)	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	36(C)	20 (C)	97 (4) (C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	3.6 (C)
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	5.7(C)	2.4 (C)	15 (C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	42 (3)(C)	22 (C)	160 (4) (C)
Naphthalene	91-20-3	4.0	ug/l	ND	67 (3)(C)	6.0 (C)	26 (C)

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Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/20/93	9/20/93	9/21/93	9/21/93
Date Analyzed :	9/21/93	9/20/93	9/22/93	9/22/93
Time Analyzed :	12:31	23:54	:35	1:13
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701559	10 701553	10 701561	10 701562
Run Number :	ABB0921,6	ABB0920A,14	ABB0921,25	ABB0921,26
Sample Name :	**GS-3-43**	**GS-3-43**	**GS-3-44**	**GS-3-44**
	(82-86)	**(4-8)**	**(18-22)**	**(28-32)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	7.8(C)	230 (5)(C)	160 (5)(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	20(C)	18 (C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	9.7(C)	220 (5)(C)	120 (5)(C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	14(C)	7.3 (C)
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	2.4 (C)	17(C)	1100 (6)(C)	660 (5)(C)
Toluene	108-88-3	2.0	ug/l	ND	ND	3.6 (C)	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	24 (C)	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	29 (C)	20 (C)
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	160 (5)(C)	130 (5)(C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	8.8 (C)	ND	1700 (6)(C)	780 (6)(C)
Naphthalene	91-20-3	4.0	ug/l	ND	ND	130 (5)(C)	100 (5)(C)

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/21/93	9/21/93	9/21/93	9/21/93
Date Analyzed :	9/21/93	9/22/93	9/21/93	9/22/93
Time Analyzed :	23:19	1:51	23:57	14:04
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701563	10 701564	10 701560	10 701565
Run Number :	ABB0921,23	ABB0921,27	ABB0921,24	ABB0922,10
Sample Name :	**GS-3-44**	**GS-3-44**	**GS-3-44**	**GS-3-44**
	(28-32R)	**(52-55)**	**(6-10)**	**(80-82)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	380 (6)(C)	87 (5) (C)	75 (4)(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	210 (4)(C)	15(C)	70 (4)(C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	150 (4)(C)	61 (5)(C)	99 (4)(C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	770 (6)(C)	99 (5)(C)	240 (4)(C)
Toluene	108-88-3	2.0	ug/l	ND	4.8 (C)	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	11 (C)	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	7 (C)	ND	10 (C)
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	30 (C)	ND	45 (4)(C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	310 (4)(C)	ND	380 (4)(C)
Naphthalene	91-20-3	4.0	ug/l	ND	43 (4)(C)	ND	40

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/27/93	9/27/93	9/27/93	9/27/93
Date Analyzed :	10/2/93	10/2/93	10/2/93	10/2/93
Time Analyzed :	15:25	16:43	16:05	17:23
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701572	10 701574	10 701573	10 701575
Run Number :	ABB1002,11	ABB1002,13	ABB1002,12	ABB1002,14
Sample Name :	GS-3-45	GS-3-45	GS-3-45	GS-3-45
	(18-22)	**(28-32)**	**(28-32R)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/27/93	9/28/93	9/28/93	9/27/93
Date Analyzed :		10/2/93	10/3/93	10/3/93	10/2/93
Time Analyzed :		18:40	2:59	3:37	18:02
Analyzed By :		RJS	RJS	RJS	RJS
Sample Number :		10 701576	10 701579	10 701580	10 701571
Run Number :		ABB1002,16	ABB1002,29	ABB1002,30	ABB1002,15
Sample Name :		GS-3-45	GS-3-45	GS-3-45	GS-3-45
		(52-56D)	(72-75)	(72-75R)	(8-12)

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	11 (C)	ND	ND

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Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/28/93	9/30/93	9/30/93	9/30/93
Date Analyzed :	10/3/93	10/3/93	10/3/93	10/3/93
Time Analyzed :	12:55	22:50	16:57	17:37
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701581	10 701593	10 701594	10 701595
Run Number :	ABB1003B,4	ABB1003B,19	ABB1003B,10	ABB1003B,11
Sample Name :	GS-3-45	**GS-3-46**	**GS-3-46**	**GS-3-46**
	(90-94)	**(18-22)**	**(28-32)**	**(28-32R)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
					(2)	(2)	
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	34 (C)	11 (C)	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	70 (C)	32 (C)	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	71 (C)	32 (C)	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/30/93	9/30/93	9/30/93	9/30/93
Date Analyzed :		10/3/93	10/3/93	10/3/93	10/3/93
Time Analyzed :		18:17	15:35	18:55	19:35
Analyzed By :		RJS	RJS	RJS	RJS
Sample Number :		10 701596	10 701592	10 701597	10 701598
Run Number :		ABB1003B,12	ABB1003B,8	ABB1003B,13	ABB1003B,14
Sample Name :		**GS-3-46**	**GS-3-46**	**GS-3-46**	**GS-3-46**
		(52-56)	**(6-10)**	**(72-76)**	**(76-80)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
				(2)	(2)	(2)	(2)
1,1-Dichloroethylene	75-35-4	4.0	ug/l	11 (C)	ND	7.4 (C)	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	38 (C)	17 (C)	24 (C)	15 (C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	26 (C)	36 (C)	22 (C)	8.2 (C)

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/1/93	10/1/93	10/1/93	10/1/93
Date Analyzed :	10/2/93	10/2/93	10/2/93	10/2/93
Time Analyzed :	1:21	2:02	14:08	2:43
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701607	10 701608	10 701609	10 701610
Run Number :	ABB1001,26	ABB1001,27	ABB1002,9	ABB1001,28
Sample Name :	**GS-3-47**	**GS-3-47**	**GS-3-47**	**GS-3-47**
	(18-22)	**(28-32)**	**(28-32R)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	**ND(E)**

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/1/93	10/1/93	10/2/93
Date Analyzed :	10/2/93	10/2/93	10/2/93
Time Analyzed :	:41	13:28	20:34
Analyzed By :	RJS	RJS	RJS
Sample Number :	10 701605	10 701606	10 701618
Run Number :	ABB1001,25	ABB1002,8	ABB1002,19
Sample Name :	**GS-3-47**	**GS-3-47**	**GS-3-47**
	(6-10)	**(6-10D)**	**(76-79)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units			
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/2/93	10/2/93	10/1/93	10/1/93
Date Analyzed :	10/2/93	10/2/93	10/2/93	10/2/93
Time Analyzed :	21:12	23:08	10:42	12:11
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701619	10 701622	10 701615	10 701616
Run Number :	ABB1002,20	ABB1002,23	ABB1002,4	ABB1002,6
Sample Name :	**GS-3-47**	**GS-3-48**	**GS-3-48**	**GS-3-48**
	(76-79R)	**(100293)DI**	**(18-22)**	**(18-22R)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	150 (4)(C)	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	310 (4)(C)	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	24 (C)	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	350 (4)(C)	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	6.3(C)	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	26(C)	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	260 (4)(C)	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	12 (C)	ND

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/1/93	10/1/93	10/2/93	10/2/93
Date Analyzed :		10/2/93	10/2/93	10/3/93	10/2/93
Time Analyzed :		3:24	12:50	12:15	22:30
Analyzed By :		RJS	RJS	RJS	RJS
Sample Number :		10 701613	10 701617	10 701620	10 701621
Run Number :		ABB1001,29	ABB1002,7	ABB1003B,3	ABB1002,22
Sample Name :		**GS-3-48**	**GS-3-48**	**GS-3-48**	**GS-3-48**
		(2-6)	**(28-30)**	**(52-54)**	**(70-74)**
FIELD ANALYSIS:	**Water**				

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
					(4)	(4)	(4)
1,1-Dichloroethylene	75-35-4	4.0	ug/l	**450(est.)(3)(C)**	410(C)	34 (C)	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	160 (3)(C)	120(C)	81 (C)	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	75 (3)(C)	110(C)	22 (C)	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	7.1(C)(B)	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	200 (3)(C)	830(C)	130 (C)	40 (C)
Toluene	108-88-3	2.0	ug/l	2.2 (C)	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	38 (C)	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	**ND(E)**

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/1/93	10/2/93	10/2/93	10/2/93
Date Analyzed :	10/2/93	110/3	10/3/93	10/3/93
Time Analyzed :	4:06	:25	1:03	1:42
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701614	10 701624	10 701625	10 701626
Run Number :	ABB1001,30	ABB1002,25	ABB1002,26	ABB1002,27
Sample Name :	**GS-3-48**	**GS-3-49**	**GS-3-49**	**GS-3-49**
	(8-12)	**(10-14)**	**(18-22)**	**(28-32)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	16 (C)	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	20 (C)	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/2/93	10/2/93	10/3/93	10/3/93
Date Analyzed :	10/2/93	10/3/93	10/3/93	10/4/93
Time Analyzed :	23:47	2:20	23:29	:7
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701623	10 701627	10 701632	10 701633
Run Number :	ABB1002,24	ABB1002,28	ABB1003B,20	ABB1003B,21
Sample Name :	**GS-3-49**	**GS-3-49**	**GS-3-49**	**GS-3-49**
	(3-7)	**(3-7R)**	**(52-56)**	**(72-75)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
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(A)= Run at this dilution due to excessive matrix interferenc ence.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/3/93	10/3/93	10/3/93	10/3/93
Date Analyzed :	10/4/93	10/4/93	10/4/93	10/4/93
Time Analyzed :	:46	1:25	2:42	3:21
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701634	10 701635	10 701639	10 701640
Run Number :	ABB1003B,22	ABB1003B,23	ABB1003B,25	ABB1003B,26
Sample Name :	**GS-3-49**	**GS-3-49**	**GS-3-50**	**GS-3-50**
	(72-75R)	**(86-90)**	**(18-22)**	**(28-31)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(4)=MDL 10X higher than that listed above.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/3/93	10/3/93	10/3/93	10/3/93
Date Analyzed :	10/4/93	10/4/93	10/4/93	10/4/93
Time Analyzed :	10:25	3:59	2:03	4:38
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701641	10 701642	10 701636	10 701643
Run Number :	ABB1004,6	ABB1003B,27	ABB1003B,24	ABB1003B,28
Sample Name :	**GS-3-50**	**GS-3-50**	**GS-3-50**	**GS-3-50**
	(28-31R)	**(52-56)**	**(6-10)**	**(65-66)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/4/93	10/4/93	10/4/93	10/4/93
Date Analyzed :		10/4/93	10/5/93	10/4/93	10/4/93
Time Analyzed :		20:47	9:57	21:26	22:05
Analyzed By :		RJS	RJS	RJS	RJS
Sample Number :		10 701647	10 701648	10 701649	10 701650
Run Number :		ABB1004,22	ABB1005,4	ABB1004,23	ABB1004,24
Sample Name :		**GS-3-51**	**GS-3-51**	**GS-3-51**	**GS-3-51**
		(10-14)	**(10-14R)**	**(18-22)**	**(18-22D)**
FIELD ANALYSIS:	**Water**				

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/4/93	10/4/93	10/4/93	10/5/93
Date Analyzed :	10/4/93	10/4/93	10/4/93	10/5/93
Time Analyzed :	22:43	20:09	23:22	20:42
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701651	10 701646	10 701652	10 701653
Run Number :	ABB1004,25	ABB1004,21	ABB1004,26	ABB1005,21
Sample Name :	**GS-3-51**	**GS-3-51**	**GS-3-51**	**GS-3-51**
	(28-32)	**(4-8)**	**(52-56)**	**(62-66)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(A)= Run at this dilution due to excessive matrix interferenc ence.
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(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/5/93	10/5/93	10/5/93	10/6/93
Date Analyzed :		10/5/93	10/5/93	10/5/93	10/12/93
Time Analyzed :		21:20	23:17	23:56	12:35
Analyzed By :		RJS	RJS	RJS	SAB
Sample Number :		10 701654	10 701657	10 701658	10 701661
Run Number :		ABB1005,22	ABB1005,25	ABB1005,26	ABB1012,6
Sample Name :		**GS-3-52 (18-22)**	**GS-3-52 (28-32)**	**GS-3-52 (52-56)**	**GS-3-52 (72-76)**
FIELD ANALYSIS:	**Water**				
Volatile Organics in Water-Modified Method 8010/8020					
	CAS Number	MDL ug/l	Units		
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/6/93	10/6/93	10/5/93	10/5/93
Date Analyzed :	10/12/93	10/12/93	10/5/93	10/5/93
Time Analyzed :	13:16	13:56	21:59	22:38
Analyzed By :	SAB	SAB	RJS	RJS
Sample Number :	10 701662	10 701665	10 701655	10 701656
Run Number :	ABB1012,7	ABB1012,8	ABB1005,23	ABB1005,24
Sample Name :	**GS-3-52**	**GS-3-52**	**GS-3-52**	**GS-3-52**
	(72-76D)	**(72-76R)**	**(8-12)**	**(8-12R)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/11/93	10/11/93	10/11/93	10/11/93
Date Analyzed :	10/12/93	10/12/93	10/12/93	10/12/93
Time Analyzed :	16:01	16:43	20:06	18:47
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701670	10 701671	10 701672	10 701673
Run Number :	ABB1012,11	ABB1012,12	ABB1012,17	ABB1012,15
Sample Name :	**GS-3-53**	**GS-3-53**	**GS-3-53**	**GS-3-53**
	(18-22)	**(28-32)**	**(28-32R)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	120 (4)(C)	280 (4)(C)	ND	85 (4)(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	17 (C)	31 (C)	ND	18 (C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	20 (C)	38 (C)	ND	20 (C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	120 (4)(C)	330 (4)(C)	ND	110 (4)(C)
Toluene	108-88-3	2.0	ug/l	ND	2.2(C)(B)	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/11/93	10/11/93	10/11/93	10/11/93
Date Analyzed :	10/12/93	10/12/93	10/12/93	10/12/93
Time Analyzed :	15:19	19:27	23:20	23:58
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701669	10 701674	10 701676	10 701677
Run Number :	ABB1012,10	ABB1012,16	ABB1012,22	ABB1012,23
Sample Name :	**GS-3-53**	**GS-3-53**	**GS-3-54**	**GS-3-54**
	(6-10)	**(70-71)**	**(18-22)**	**(18-22R)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	4.5 (C)	30 (C)	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	3.9 (C)	52 (2)(C)	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	6 (C)	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	16 (C)	22 (C)	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	**ND(E)**	ND	ND

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/12/93	10/12/93	10/11/93	10/12/93
Date Analyzed :	10/13/93	10/13/93	10/12/93	10/13/93
Time Analyzed :	11:10	11:46	22:41	12:22
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701690	10 701691	10 701675	10 701694
Run Number :	ABB1013,4	ABB1013,5	ABB1012,21	ABB1013,6
Sample Name :	**GS-3-54**	**GS-3-54**	**GS-3-54**	**GS-3-54**
	(31-32)	**(31-32R)**	**(4-8)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	2.0 (C)	ND	5.9 (C)	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/12/93	10/12/93	10/12/93	10/12/93
Date Analyzed :	10/13/93	10/13/93	10/13/93	10/13/93
Time Analyzed :	12:59	1:15	1:53	2:31
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701695	10 701684	10 701685	10 701686
Run Number :	ABB1013,7	ABB1012,25	ABB1012,26	ABB1012,27
Sample Name :	**GS-3-54**	**GS-3-55**	**GS-3-55**	**GS-3-55**
	(70-73)	**(18-22)**	**(28-32)**	**(28-32R)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	16 (C)	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	3.0 (C)	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	10 (C)	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/12/93	10/12/93	10/12/93	10/12/93
Date Analyzed :		10/13/93	10/13/93	10/13/93	10/13/93
Time Analyzed :		3:10	3:48	:36	4:27
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701687	10 701688	10 701683	10 701689
Run Number :		ABB1012,28	ABB1012,29	ABB1012,24	ABB1012,30
Sample Name :		**GS-3-55**	**GS-3-55**	**GS-3-55**	**GS-3-55**
		(52-56)	**(72-76)**	**(8-12)**	**(90-94)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/12/93	10/13/93	10/13/93	10/13/93
Date Analyzed :	10/13/93	10/14/93	10/14/93	10/14/93
Time Analyzed :	14:12	3:00	12:40	3:36
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701697	10 701710	10 701713	10 701711
Run Number :	ABB1013,9	ABB1013A,8	ABB1014,5	ABB1013A,9
Sample Name :	**GS-3-56**	**GS-3-56**	**GS-3-56**	**GS-3-56**
	(18-22)	**(28-32)**	**(28-32R)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/12/93	10/13/93	10/13/93	10/13/93
Date Analyzed :	10/13/93	10/14/93	10/14/93	10/14/93
Time Analyzed :	13:36	4:11	:40	1:15
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701696	10 701712	10 701706	10 701707
Run Number :	ABB1013,8	ABB1013A,10	ABB1013A,4	ABB1013A,5
Sample Name :	**GS-3-56**	**GS-3-56**	**GS-3-57**	**GS-3-57**
	(6-10)	**(68-69)**	**(18-22D)**	**(28-32)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	**ND(E)**	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/13/93	10/13/93	10/14/93	10/13/93
Date Analyzed :	10/14/93	10/14/93	10/15/93	10/14/93
Time Analyzed :	1:51	2:25	2:32	11:24
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701708	10 701709	10 701732	10 701704
Run Number :	ABB1013A,6	ABB1013A,7	ABB1014,26	ABB1014,3
Sample Name :	**GS-3-57**	**GS-3-57**	**GS-3-57**	**GS-3-57**
	(28-32R)	**(52-56)**	**(72-76)**	**(8-12)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
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(A)= Run at this dilution due to excessive matrix interferenc ence.
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(B)= Changed After Validation
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/14/93	10/14/93	10/13/93	10/13/93
Date Analyzed :	10/15/93	10/15/93	10/14/93	10/14/93
Time Analyzed :	3:13	10:34	:5	5:57
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701733	10 701734	10 701705	10 701715
Run Number :	ABB1014,27	ABB1015,3	ABB1013A,3	ABB1013A,13
Sample Name :	**GS-3-57**	**GS-3-57**	**GS-3-57**	**GS-3-58**
	(91-92)	**(91-92R)**	**(18-22)**	**(18-22)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND(E)

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(B)= Changed After Validation
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/13/93	10/14/93	10/14/93	10/13/93
Date Analyzed :	10/14/93	10/14/93	10/14/93	10/14/93
Time Analyzed :	12:02	20:34	21:13	5:22
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701716	10 701721	10 701722	10 701714
Run Number :	ABB1014,4	ABB1014,17	ABB1014,18	ABB1013A,12
Sample Name :	**GS-3-58**	**GS-3-58**	**GS-3-58**	**GS-3-58**
	(28-32)	**(52-56)**	**(52-56R)**	**(6-10)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(4)=MDL 10X higher than that listed above.
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(6)=MDL 50X higher than that listed above.
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(8)=MDL 100X higher than that listed above.
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(B)= Changed After Validation
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/14/93	10/14/93	10/14/93	10/15/93
Date Analyzed :		10/15/93	10/15/93	10/15/93	10/15/93
Time Analyzed :		21:52	1:11	1:52	21:47
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701723	10 701730	10 701731	10 701741
Run Number :		ABB1014,19	ABB1014,24	ABB1014,25	ABB1015,19
Sample Name :		**GS-3-58**	**GS-3-59**	**GS-3-59**	**GS-3-59**
		(65-69)	**(18-22)**	**(28-32)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	35 (C)	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	38 (C)	13 (C)	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
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(A)= Run at this dilution due to excessive matrix interferenc ence.
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(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/15/93	10/15/93	10/14/93	10/15/93
Date Analyzed :	10/15/93	10/15/93	10/15/93	10/15/93
Time Analyzed :	22:26	23:06	:31	23:48
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701742	10 701743	10 701729	10 701744
Run Number :	ABB1015,20	ABB1015,21	ABB1014,23	ABB1015,22
Sample Name :	**GS-3-59**	**GS-3-59**	**GS-3-59**	**GS-3-59**
	(52-56R)	**(72-74)**	**(9-13)**	**(90-94)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	12 (C)	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
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(4)=MDL 10X higher than that listed above.
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(B)= Changed After Validation
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/14/93	10/14/93	10/15/93	10/14/93
Date Analyzed :	10/14/93	10/14/93	10/16/93	10/14/93
Time Analyzed :	22:32	23:11	:29	23:50
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701726	10 701727	10 701745	10 701728
Run Number :	ABB1014,20	ABB1014,21	ABB1015,23	ABB1014,22
Sample Name :	**GS-3-60**	**GS-3-60**	**GS-3-60**	**GS-3-60**
	(10-14)	**(18-22)**	**(31-32)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
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(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/15/93	10/15/93	10/17/93	10/16/93
Date Analyzed :	10/16/93	10/16/93	10/19/93	10/18/93
Time Analyzed :	1:11	1:51	:4	10:55
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701746	10 701747	10 701774	10 701751
Run Number :	ABB1015,24	ABB1015,25	ABB1018A,17	ABB1018A,3
Sample Name :	**GS-3-60**	**GS-3-60**	**GS-3-61**	**GS-3-61**
	(73-77)	**(73-77R)**	**(101793DI)**	**(18-22)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/16/93	10/17/93	10/17/93	10/17/93
Date Analyzed :	10/16/93	10/18/93	10/18/93	10/18/93
Time Analyzed :	22:12	19:10	19:48	22:52
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701752	10 701769	10 701770	10 701772
Run Number :	ABB1016,20	ABB1018A,9	ABB1018A,10	ABB1018A,15
Sample Name :	**GS-3-61**	**GS-3-61**	**GS-3-61**	**GS-3-61**
	(18-22D)	**(28-32)**	**(52-56)**	**(52-56R)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/17/93	10/16/93	10/17/93	10/17/93
Date Analyzed :	10/18/93	10/16/93	10/18/93	10/19/93
Time Analyzed :	21:02	20:52	23:28	:40
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701771	10 701748	10 701773	10 701775
Run Number :	ABB1018A,12	ABB1016,18	ABB1018A,16	ABB1018A,18
Sample Name :	**GS-3-61**	**GS-3-61**	**GS-3-61**	**GS-3-61**
	(72-76)	**(8-12)**	**(90-94)**	**(90-94)FB**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/16/93	10/16/93	10/16/93	10/16/93
Date Analyzed :	10/18/93	10/17/93	10/17/93	10/16/93
Time Analyzed :	20:25	:10	:50	22:51
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701758	10 701759	10 701760	10 701757
Run Number :	ABB1018A,11	ABB1016,23	ABB1016,24	ABB1016,21
Sample Name :	**GS-3-62**	**GS-3-62**	**GS-3-62**	**GS-3-62**
	(18-22)	**(18-22R)**	**(28-32)**	**(4-8)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/16/93	10/16/93	10/17/93	10/17/93
Date Analyzed :	10/17/93	10/17/93	10/19/93	10/19/93
Time Analyzed :	1:30	2:09	1:51	11:22
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701761	10 701762	10 701777	10 701778
Run Number :	ABB1016,25	ABB1016,26	ABB1018A,20	ABB1019A,4
Sample Name :	**GS-3-62**	**GS-3-62**	**GS-3-63**	**GS-3-63**
	(52-56)	**(65-66)**	**(18-22)**	**(28-32)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/18/93	10/18/93	10/18/93	10/17/93
Date Analyzed :		10/19/93	10/19/93	10/19/93	10/19/93
Time Analyzed :		12:30	13:04	13:38	1:15
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701795	10 701796	10 701797	10 701776
Run Number :		ABB1019A,6	ABB1019A,7	ABB1019A,8	ABB1018A,19
Sample Name :		**GS-3-63**	**GS-3-63**	**GS-3-63**	**GS-3-63**
		(52-56)	**(52-56R)**	**(72-76)**	**(8-12)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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(1)=Unable to report due to excessive matrix interference.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/18/93	10/17/93	10/17/93	10/17/93
Date Analyzed :	10/19/93	10/18/93	10/18/93	10/18/93
Time Analyzed :	14:12	17:03	17:49	18:33
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701798	10 701766	10 701767	10 701768
Run Number :	ABB1019A,9	ABB1018A,6	ABB1018A,7	ABB1018A,8
Sample Name :	**GS-3-63**	**GS-3-64**	**GS-3-64**	**GS-3-64**
	(90-94)	**(18-22)**	**(28-32)**	**(28-32R)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
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(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/17/93	10/18/93	10/18/93	10/18/93
Date Analyzed :	10/18/93	10/19/93	10/19/93	10/19/93
Time Analyzed :	12:15	3:02	3:37	4:12
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701765	10 701784	10 701785	10 701786
Run Number :	ABB1018A,5	ABB1018A,22	ABB1018A,23	ABB1018A,24
Sample Name :	**GS-3-64**	**GS-3-64**	**GS-3-64**	**GS-3-64**
	(4-8)	**(52-56)**	**(66-67.5)**	**(66-67.5R)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/18/93	10/18/93	10/18/93	10/18/93
Date Analyzed :	10/19/93	10/19/93	10/19/93	10/19/93
Time Analyzed :	15:21	15:55	16:29	14:47
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701800	10 701801	10 701802	10 701799
Run Number :	ABB1019A,11	ABB1019A,12	ABB1019A,13	ABB1019A,10
Sample Name :	**GS-3-65**	**GS-3-65**	**GS-3-65**	**GS-3-65**
	(10-14)	**(18-22)**	**(28-32)**	**(3-7)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
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(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/18/93	10/18/93	10/6/93
Date Analyzed :	10/19/93	10/19/93	10/12/93
Time Analyzed :	11:56	4:47	14:38
Analyzed By :	SAB	SAB	SAB
Sample Number :	10 701788	10 701787	10 701666
Run Number :	ABB1019A,5	ABB1018A,25	ABB1012,9
Sample Name :	**GS-3-66**	**GS-3-66**	**GS-3-CK-1**
	(18-22)	**(4-8)**	

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units			
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	7.4 (C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	17 (C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	18 (C)

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

APPENDIX B
SITE 3 - WATER ANALYSIS RESULTS (CONTINUED)

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/19/93	10/19/93	10/19/93	10/19/93
Date Analyzed :		10/19/93	10/19/93	10/19/93	10/19/93
Time Analyzed :		19:23	20:00	20:33	21:05
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701803	10 701804	10 701805	10 701806
Run Number :		ABB1019A,18	ABB1019A,19	ABB1019A,20	ABB1019A,21
Sample Name :		**GS-3-66**	**GS-3-66**	**GS-3-66**	**GS-3-66**
		(28-32)	**(28-32R)**	**(52-56)**	**(67-69)**
FIELD ANALYSIS:	**Water**				

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
(*) = Result was ND by second column confirmation analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
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(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(9)=MDL 25X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/19/93	10/19/93	10/19/93	10/19/93
Date Analyzed :		10/19/93	10/19/93	10/19/93	10/19/93
Time Analyzed :		21:38	22:11	22:44	23:17
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701807	10 701810	10 701811	10 701812
Run Number :		ABB1019A,22	ABB1019A,23	ABB1019A,24	ABB1019A,25
Sample Name :		**GS-3-65**	**GS-3-65**	**GS-3-65**	**GS-3-65**
		(52-56)	**(72-76)**	**(72-76R)**	**(85-90)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
(*) = Result was ND by second column confirmation analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
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(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(9)=MDL 25X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/25/93	10/25/93	10/25/93	10/25/93
Date Analyzed :	10/25/93	10/25/93	10/25/93	10/25/93
Time Analyzed :	18:18	18:49	19:20	19:52
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701813	10 701814	10 701815	10 701816
Run Number :	ABB1025,5	ABB1025,6	ABB1025,7	ABB1025,8
Sample Name :	**GS-3-67**	**GS-3-67**	**GS-3-67**	**GS-3-67**
	(10-15)	**(18-22)**	**(28-32)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	(1)	(1)	ND
					400	1600	

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
(*) = Result was ND by second column confirmation analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(9)=MDL 25X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/25/93	10/26/93	10/26/93	10/26/93
Date Analyzed :	10/25/93	10/26/93	10/26/93	10/26/93
Time Analyzed :	20:23	19:29	20:02	20:35
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701817	10 701823	10 701824	10 701825
Run Number :	ABB1025,9	ABB1026,15	ABB1026,16	ABB1026,17
Sample Name :	**GS-3-67**	**GS-3-67**	**GS-3-68**	**GS-3-68**
	(52-56R)	**(76-78)**	**(8-12)**	**(8-12D)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
(*) = Result was ND by second column confirmation analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(9)=MDL 25X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/26/93	10/26/93	10/26/93	10/26/93
Date Analyzed :	10/26/93	10/26/93	10/26/93	10/26/93
Time Analyzed :	21:08	21:41	22:14	22:47
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701826	10 701827	10 701828	10 701829
Run Number :	ABB1026,18	ABB1026,19	ABB1026,20	ABB1026,21
Sample Name :	**GS-3-68**	**GS-3-68**	**GS-3-68**	**GS-3-68**
	(18-22)	**(28-32)**	**(28-32D)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/26/93	10/27/93	10/27/93	10/27/93
Date Analyzed :	10/26/93	10/27/93	10/27/93	10/27/93
Time Analyzed :	23:19	19:16	19:50	20:23
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701830	10 701831	10 701832	10 701833
Run Number :	ABB1026,22	ABB1027,18	ABB1027,19	ABB1027,20
Sample Name :	**GS-3-68**	**GS-3-68**	**GS-3-68**	**GS-3-68**
	(72-76)	**(94-97)**	**(94-97R)**	**(94-97FB)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/27/93	10/27/93	10/28/93	10/28/93
Date Analyzed :	10/27/93	10/27/93	10/28/93	10/28/93
Time Analyzed :	20:56	22:36	19:10	19:42
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701834	10 701837	10 701853	10 701854
Run Number :	ABB1027,21	ABB1027,24	ABB1028,19	ABB1028,20
Sample Name :	**GS-3-69**	**GS-3-69**	**GS-3-69**	**GS-3-69**
	(4-8)	**(10-14)**	**(18-22)**	**(28-32)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
						(3)	(3)
1,1-Dichloroethylene	75-35-4	4.0	ug/l	75(4)(C)	210(4)(C)	230(9)(C)	350(9)(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	15(C)	33(C)	400(9)(C)	375(9)(C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	58(4)(C)	110(4)(C)	75(C)	95(C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	9(C)	60(4)(C)	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	740(5)(C)	660(5)(C)	700(9)(C)	925(9)(C)
Toluene	108-88-3	2.0	ug/l	ND	3.8(C)	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	2.1(C)	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	8.9(C)	7.6(C)	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	2(D)	22(C)	20(C)
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	4.1(D)	11(D)	90(C)	85(C)
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	92(4)(C)	170(4)(C)	800(9)(C)	800(9)(C)
Naphthalene	91-20-3	4.0	ug/l	ND	7(D)	85(C)	55(C)

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/28/93	10/28/93	10/28/93	10/29/93
Date Analyzed :	10/29/93	10/29/93	10/29/93	10/29/93
Time Analyzed :	11:12	11:45	12:18	19:29
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701855	10 701856	10 701857	10 701864
Run Number :	ABB1029,5	ABB1029,6	ABB1029,7	ABB1029,20
Sample Name :	**GS-3-69**	**GS-3-69**	**GS-3-69**	**GS-3-69**
	(52-56)	**(70-74)**	**(80-83)**	**(95-105EX)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	6(C)	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	9.9(C)	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	2.2(C)	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	5.5(C)	21(C)	2.1(C)	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/29/93	10/29/93	10/29/93	10/29/93
Date Analyzed :		10/29/93	10/29/93	10/29/93	10/29/93
Time Analyzed :		20:02	20:35	21:09	21:41
Analyzed By :		RJS	RJS	RJS	RJS
Sample Number :		10 701865	10 701866	10 701867	10 701868
Run Number :		ABB1029,21	ABB1029,22	ABB1029,23	ABB1029,24
Sample Name :		**GS-3-69**	**GS-3-69**	**GS-3-70**	**GS-3-70**
		(95-105EXR)	**(931029)DI**	**(8-12)**	**(18-22)**
FIELD ANALYSIS:	**Water**				
Volatile Organics in Water-Modified Method 8010/8020					
	CAS Number	MDL ug/l	Units		
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	36(C)
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	26(C)
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	10(C)
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	2.3(C)
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	200(5)(C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/29/93	10/29/93	10/30/93	10/30/93
Date Analyzed :	10/29/93	10/29/93	10/31/93	10/31/93
Time Analyzed :	22:15	22:48	15:56	16:29
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701869	10 701870	10 701874	10 701875
Run Number :	ABB1029,25	ABB1029,26	ABB1031B,3	ABB1031B,4
Sample Name :	**GS-3-70 (18-22D)**	**GS-3-70 (28-32)**	**GS-3-70 (52-56)**	**GS-3-70 (52-56D)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	94(5)(C)	300(5)(C)	4.6 (C)	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	39(C)	84(5)(C)	6.4 (C)	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	16(C)	100(5)(C)	4.8 (C)	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	2.4(C)	ND	ND
Benzene	71-43-2	2.0	ug/l	3(C)	3.4(C)	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	200(5)(C)	680(5)(C)	27 (C)	9.5 (C)
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	10(C)	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	2.2(D)	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	29(C)	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/31/93	10/31/93	10/31/93	10/31/93
Date Analyzed :		10/31/93	10/31/93	10/31/93	10/31/93
Time Analyzed :		19:21	19:54	20:26	20:59
Analyzed By :		RJS	RJS	RJS	RJS
Sample Number :		10 701876	10 701877	10 701878	10 701879
Run Number :		ABB1031B,9	ABB1031B,10	ABB1031B,11	ABB1031B,12
Sample Name :		**GS-3-70 (68-69)**	**GS-3-70 (80-82)**	**GS-3-70 (80-82R)**	**GS-3-70 (90-92EX)**
FIELD ANALYSIS:	**Water**				

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	20 (C)	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	15 (C)	3.4 (C)	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	10 (C)	2.9 (C)	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	70(3)(C)	13 (C)	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/31/93	11/1/93	11/1/93	11/1/93
Date Analyzed :	10/31/93	11/1/93	11/1/93	11/1/93
Time Analyzed :	21:32	21:06	21:39	22:11
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701880	10 701881	10 701882	10 701883
Run Number :	ABB1031B,13	ABB1101,20	ABB1101,21	ABB1101,22
Sample Name :	**GS-3-70**	**GS-3-71**	**GS-3-71**	**GS-3-71**
	(90-92EXD)	**(8-12)**	**(18-22)**	**(18-22R)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
(*) = Result was ND by second column confirmation analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(9)=MDL 25X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/1/93	11/1/93	11/1/93	11/2/93
Date Analyzed :	11/2/93	11/2/93	11/2/93	11/3/93
Time Analyzed :	19:29	11:55	:53	9:42
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701886	10 701887	10 701888	10 701896
Run Number :	ABB1102,19	ABB1101,5	ABB1101,27	ABB1102,25
Sample Name :	**GS-3-71**	**GS-3-71**	**BAKER-2**	**GS-3-71**
	(28-32)	**(52-56)**		**(72-76)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
(*) = Result was ND by second column confirmation analysis
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(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(9)=MDL 25X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/2/93	11/2/93	11/8/93	11/8/93
Date Analyzed :	11/2/93	11/2/93	11/8/93	11/8/93
Time Analyzed :	20:37	21:10	6:16	6:50
Analyzed By :	RJS	RJS	SAB	SAB
Sample Number :	10 701897	10 701898	10 701903	10 701904
Run Number :	ABB1102,21	ABB1102,22	ABB1108,5	ABB1108,6
Sample Name :	**GS-3-71**	**GS-3-71**	**GS-3-72**	**GS-3-72**
	(91-101EX)	**(91-101EX R)**	**(10-14)**	**(18-22)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	16 (C)
							300

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
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(2)=MDL 2X higher than that listed above.
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(9)=MDL 25X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			11/8/93	11/8/93	11/8/93	11/8/93
Date Analyzed :			11/8/93	11/8/93	11/8/93	11/8/93
Time Analyzed :			7:24	7:59	8:33	9:07
Analyzed By :			SAB	SAB	SAB	SAB
Sample Number :			10 701905	10 701906	10 701907	10 701908
Run Number :			ABB1108,7	ABB1108,8	ABB1108,9	ABB1108,10
Sample Name :			**GS-3-72**	**GS-3-72**	**GS-3-72**	**GS-3-72**
			(28-32)	**(28-32D)**	**(52-55)**	**(72-76)**
FIELD ANALYSIS:	**Water**					
Volatile Organics in Water-Modified Method 8010/8020						
	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	4.3 *
							120

MDL = Method Detection Limit
ND = Not Detected
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(6)=MDL 50X higher than that listed above.
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(A)= Run at this dilution due to excessive matrix interferenc ence.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/8/93	11/8/93	11/9/93	11/9/93
Date Analyzed :	11/8/93	11/8/93	11/9/93	11/9/93
Time Analyzed :	9:42	10:16	18:45	19:19
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701909	10 701910	10 701913	10 701914
Run Number :	ABB1108,11	ABB1108,12	ABB1109,16	ABB1109,17
Sample Name :	**GS-3-72**	**GS-3-72**	**GS-3-73**	**GS-3-73**
	(72-76R)	**(90-94)**	**(9-13)**	**(18-22)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
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(A)= Run at this dilution due to excessive matrix interferenc ence.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		11/9/93	11/9/93	11/9/93	11/9/93
Date Analyzed :		11/9/93	11/9/93	11/9/93	11/9/93
Time Analyzed :		19:54	20:28	21:03	21:37
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701915	10 701916	10 701917	10 701918
Run Number :		ABB1109,18	ABB1109,19	ABB1109,20	ABB1109,21
Sample Name :		**GS-3-73**	**GS-3-73**	**GS-3-73**	**GS-3-73**
		(28-32)	**(28-32D)**	**(28-32R)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/9/93	11/10/93	11/10/93	11/10/93
Date Analyzed :	11/9/93	11/10/93	11/10/93	11/10/93
Time Analyzed :	22:12	18:44	19:18	19:53
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701921	10 701922	10 701923	10 701924
Run Number :	ABB1109,22	ABB1110,14	ABB1110,15	ABB1110,16
Sample Name :	**GS-3-73**	**GS-3-73**	**GS-3-73**	**GS-3-74**
	(72-73)	**(90-93)**	**(90-93R)**	**(9-13)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
(*) = Result was ND by second column confirmation analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
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(5)=MDL 20X higher than that listed above.
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(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		11/11/93	11/11/93	11/11/93	11/11/93
Date Analyzed :		11/11/93	11/11/93	11/11/93	11/11/93
Time Analyzed :		18:50	19:24	19:58	20:32
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701927	10 701928	10 701929	10 701930
Run Number :		ABB1111,9	ABB1111,10	ABB1111,11	ABB1111,12
Sample Name :		**GS-3-74**	**GS-3-74**	**GS-3-74**	**GS-3-74**
		(18-22)	**(28-32)**	**(28-32R)**	**(52-56)**
FIELD ANALYSIS:	**Water**				

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/11/93	11/12/93	11/12/93	11/12/93
Date Analyzed :	11/11/93	11/12/93	11/12/93	11/12/93
Time Analyzed :	21:07	18:49	19:22	19:57
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701931	10 701932	10 701933	10 701934
Run Number :	ABB1111,13	ABB1112,10	ABB1112,11	ABB1112,12
Sample Name :	**GS-3-74**	**GS-3-74**	**GS-3-74**	**GS-3-74**
	(52-56) FB	**(72-76)**	**(90-94)**	**(90-94R)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		11/12/93	11/12/93	11/12/93	11/13/93
Date Analyzed :		11/12/93	11/12/93	11/12/93	11/13/93
Time Analyzed :		20:31	21:05	21:39	18:53
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701935	10 701936	10 701937	10 701940
Run Number :		ABB1112,13	ABB1112,14	ABB1112,15	ABB1113,11
Sample Name :		**GS-3-75**	**GS-3-75**	**GS-3-75**	**GS-3-75**
		(9-13)	**(18-22)**	**(18-22D)**	**(28-32)**
FIELD ANALYSIS:	**Water**				
Volatile Organics in Water-Modified Method 8010/8020					
	CAS Number	MDL ug/l	Units		
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	8.1 *	6.6 *	4.9 *

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/13/93	11/13/93	11/13/93	11/13/93
Date Analyzed :	11/13/93	11/13/93	11/13/93	11/13/93
Time Analyzed :	19:27	20:00	20:34	21:08
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701941	10 701942	10 701943	10 701944
Run Number :	ABB1113,12	ABB1113,13	ABB1113,14	ABB1113,15
Sample Name :	**GS-3-75**	**GS-3-75**	**GS-3-75**	**GS-3-75**
	(51-53)	**(51-53R)**	**(111393)DI**	**(72-75)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/13/93	11/13/93	11/14/93	11/14/93
Date Analyzed :	11/13/93	11/13/93	11/14/93	11/14/93
Time Analyzed :	22:50	23:24	19:20	19:54
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701947	10 701948	10 701952	10 701953
Run Number :	ABB1113,18	ABB1113,19	ABB1114,4	ABB1114,5
Sample Name :	**GS-3-75**	**GS-3-75**	**GS-3-76**	**GS-3-76**
	(90-93)	**(90-93D)**	**(8-12)**	**(18-22)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	2.3 (C)	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/14/93	11/14/93	11/14/93	11/14/93
Date Analyzed :	11/15/93	11/14/93	11/14/93	11/14/93
Time Analyzed :	16:04	21:00	21:34	22:08
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701954	10 701955	10 701956	10 701957
Run Number :	ABB1115,12	ABB1114,7	ABB1114,8	ABB1114,9
Sample Name :	**GS-3-76 (18-22D)**	**GS-3-76 (28-32)**	**GS-3-76 (52-56)**	**GS-3-76 (62-66)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/14/93	11/15/93	11/15/93	11/15/93
Date Analyzed :	11/14/93	11/15/93	11/16/93	11/15/93
Time Analyzed :	22:41	18:29	16:00	19:37
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701958	10 701962	10 701963	10 701964
Run Number :	ABB1114,10	ABB1115,13	ABB1116,11	ABB1115,15
Sample Name :	**GS-3-76**	**GS-3-77**	**GS-3-77**	**GS-3-77**
	(62-66R)	**(10-14)**	**(18-22)**	**(18-22D)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
(*) = Result was ND by second column confirmation analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(9)=MDL 25X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/15/93	11/15/93	11/16/93	11/16/93
Date Analyzed :	11/15/93	11/15/93	11/16/93	11/16/93
Time Analyzed :	20:11	20:45	19:12	19:45
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701965	10 701966	10 701967	10 701968
Run Number :	ABB1115,16	ABB1115,17	ABB1116A,1	ABB1116A,2
Sample Name :	**GS-3-77**	**GS-3-77**	**GS-3-77**	**GS-3-77**
	(18-22R)	**(28-32)**	**(52-56)**	**(72-76)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
C = Confirmed By Second Column Analysis
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(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above. (1)
(8)=MDL 100X higher than that listed above.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		11/16/93	11/16/93	11/17/93	11/17/93
Date Analyzed :		11/16/93	11/16/93	11/17/93	11/17/93
Time Analyzed :		20:20	20:54	14:42	15:16
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701969	10 701970	10 701973	10 701974
Run Number :		ABB1116A,3	ABB1116A,4	ABB1117,8	ABB1117,9
Sample Name :		**GS-3-77**	**GS-3-77**	**GS-3-78**	**GS-3-78**
		(90-92)	**(90-92R)**	**(8-12)**	**(18-22)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
ND = Not Detected
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(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/17/93	11/17/93	11/17/93	11/29/93
Date Analyzed :	11/17/93	11/17/93	11/17/93	11/29/93
Time Analyzed :	17:00	17:35	18:10	19:04
Analyzed By :	SAB	SAB	SAB	RJS
Sample Number :	10 701977	10 701978	10 701979	10 701980
Run Number :	ABB1117,12	ABB1117,13	ABB1117,14	ABB1129,3
Sample Name :	**GS-3-78**	**GS-3-78**	**GS-3-78**	**GS-3-78**
	(28-32)	**(52-56)**	**(18-22R)**	**(72-76)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
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(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/29/93	11/29/93	11/29/93	11/30/93
Date Analyzed :	11/29/93	11/29/93	11/29/93	11/30/93
Time Analyzed :	19:39	20:13	20:47	17:04
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701981	10 701982	10 701983	10 701987
Run Number :	ABB1129,4	ABB1129,5	ABB1129,6	ABB1130,5
Sample Name :	**GS-3-78**	**GS-3-78**	**GS-3-79**	**GS-3-79**
	(72-76R)	**(90-93)**	**(8-12)**	**(18-22)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	11/30/93	11/30/93	11/30/93	11/30/93
Date Analyzed :	11/30/93	11/30/93	11/30/93	11/30/93
Time Analyzed :	17:38	18:11	18:45	19:19
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701988	10 701989	10 701991	10 701990
Run Number :	ABB1130,6	ABB1130,7	ABB1130,8	ABB1130,9
Sample Name :	**GS-3-79**	**GS-3-79**	**GS-3-79**	**GS-3-79**
	(28-32)	**(28-32D)**	**(52-56R)**	**(52-56)**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		11/30/93	11/30/93	11/30/93	11/30/93
Date Analyzed :		11/30/93	11/30/93	11/30/93	11/30/93
Time Analyzed :		19:52	20:26	21:00	21:34
Analyzed By :		RJS	RJS	RJS	RJS
Sample Number :		10 701992	10 701993	10 701994	10 701995
Run Number :		ABB1130,10	ABB1130,11	ABB1130,12	ABB1130,13
Sample Name :		**GS-3-79**	**GS-3-79**	**GS-3-79**	**GS-3-79**
		(72-76)	**(90-93)**	**(90-93FB)**	**(931130)DI**

FIELD ANALYSIS: **Water**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL ug/l	Units				
1,1-Dichloroethylene	75-35-4	4.0	ug/l	ND	ND	ND	ND
Methylene Chloride	75-09-2	2.0	ug/l	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	2.0	ug/l	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	2.0	ug/l	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	2.0	ug/l	ND	ND	ND	ND
Chloroform	67-66-3	2.0	ug/l	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	2.0	ug/l	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	2.0	ug/l	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	2.0	ug/l	ND	ND	ND	ND
Benzene	71-43-2	2.0	ug/l	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	2.0	ug/l	ND	ND	ND	ND
Toluene	108-88-3	2.0	ug/l	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	2.0	ug/l	ND	ND	ND	ND
Chlorobenzene	108-90-7	2.0	ug/l	ND	ND	ND	ND
EthylBenzene	100-41-4	2.0	ug/l	ND	ND	ND	ND
Total Xylenes	1330-20-7	6.0	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.0	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	2.0	ug/l	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	2.0	ug/l	ND	ND	ND	ND
Naphthalene	91-20-3	4.0	ug/l	ND	ND	ND	ND

MDL = Method Detection Limit
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(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(9)=MDL 25X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interferenc ence.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.

APPENDIX C
SITE 3 - LOW LEVEL SOIL ANALYSIS RESULTS

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			11/1/93	11/1/93	11/1/93	11/1/93
Date Analyzed :			11/2/93	11/2/93	11/2/93	11/2/93
Time Analyzed :			15:10	15:43	13:33	14:06
Analyzed By :			RJS	RJS	RJS	RJS
Sample Number :			10 701892	10 701893	10 701889	10 701890
Run Number :			ABB1102,11	ABB1102,12	ABB1102,8	ABB1102,9
Sample Name :			**GSS-3**	**GSS-3**	**GSS-3**	**GSS-3**
			O PIT-4 LEFT	**O PIT-5 RT.**	**PIT-1**	**PIT-2**

FIELD ANALYSIS: **LOW LEVEL , SOIL**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	0.0025 C
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	0.0075 C
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	(1)

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
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(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interference.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			11/1/93	9/2/93	9/2/93	9/3/93
Date Analyzed :			11/2/93	9/4/93	9/5/93	9/5/93
Time Analyzed :			14:38	3:11	11:20	12:01
Analyzed By :			RJS	SAB	SAB	SAB
Sample Number :			10 701891	10 701438	10 701439	10 701449
Run Number :			ABB1102,10	ABB0903A,12	ABB0905,3	ABB0905,4
Sample Name :			**GSS-3**	**GSS-3-34**	**GSS-3-34**	**GSS-3-35**
			PIT-3	**(0-2)**	**(4-6)**	**(2-4)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			9/3/93	9/4/93	9/4/93	9/6/93
Date Analyzed :			9/5/93	9/5/93	9/5/93	9/12/93
Time Analyzed :			12:42	13:24	14:06	16:19
Analyzed By :			SAB	SAB	SAB	JRA
Sample Number :			10 701450	10 701466	10 701467	10 701480
Run Number :			ABB0905,5	ABB0905,6	ABB0905,7	ABB0912,7
Sample Name :			**GSS-3-35**	**GSS-3-36**	**GSS-3-36**	**GSS-3-37**
			(4-6)	**(0-2)**	**(2-4)**	**(2-4)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/6/93	9/6/93	9/13/93	9/13/93
Date Analyzed :	9/12/93	9/12/93	9/15/93	9/15/93
Time Analyzed :	15:38	16:59	15:36	16:12
Analyzed By :	JRA	JRA	JRA	JRA
Sample Number :	10 701481	10 701482	10 701491	10 701492
Run Number :	ABB0912,6	ABB0912,8	ABB0915,12	ABB0915,13
Sample Name :	**GSS-3-37**	**GSS-3-37**	**GSS-3-38**	**GSS-3-38**
	(8-10)	**(8-10D)**	**(2-4)**	**(4-6)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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(B)= Changed After Validation
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			9/15/93	9/15/93	9/16/93	9/16/93
Date Analyzed :			9/17/93	9/17/93	9/17/93	9/17/93
Time Analyzed :			18:59	16:50	17:27	20:49
Analyzed By :			SAB	SAB	SAB	SAB
Sample Number :			10 701512	10 701513	10 701519	10 701521
Run Number :			ABB0917,16	ABB0917,13	ABB0917,14	ABB0917,19
Sample Name :			**GSS-3-39**	**GSS-3-39**	**GSS-3-40**	**GSS-3-40**
			(2-4)	**(4-6)**	**(4-6)**	**(6-8D)**

FIELD ANALYSIS: **LOW LEVEL , SOIL**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	0.027(C)	0.019(C)
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	**ND(E)**	0.007(C)
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	**ND(E)**	0.0038(C)
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	0.15 (3)(C)	0.16 (4)(C)
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	0.0032(C)
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	0.031(C)	0.13 (4)(C)
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	9/17/93	9/17/93	9/19/93	9/19/93
Date Analyzed :	9/18/93	9/19/93	9/20/93	9/20/93
Time Analyzed :	19:58	17:24	16:55	17:40
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701526	10 701527	10 701549	10 701550
Run Number :	ABB0918A,4	ABB0919,13	ABB0920A,4	ABB0920A,5
Sample Name :	**GSS-3-41**	**GSS-3-41**	**GSS-3-42**	**GSS-3-42**
	(0-2)	**(4-6)**	**(2-4)**	**(6-8)**

FIELD ANALYSIS: **LOW LEVEL , SOIL**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			9/20/93	9/20/93	9/21/93	9/21/93
Date Analyzed :			10/4/93	9/20/93	10/4/93	10/4/93
Time Analyzed :			11:19	20:48	11:57	12:35
Analyzed By :			RJS	SAB	RJS	RJS
Sample Number :			10 701551	10 701552	10 701566	10 701567
Run Number :			ABB1004,7	ABB0920A,9	ABB1004,8	ABB1004,9
Sample Name :			**GSS-3-43**	**GSS-3-43**	**GSS-3-44**	**GSS-3-44**
			(0-2)	**(2-4)**	**(0-2)**	**(4-6)**
FIELD ANALYSIS: LOW LEVEL , SOIL						
Volatile Organics in Water-Modified Method 8010/8020						
	CAS Number	MDL (mg/kg)	Units			
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	0.0032(C)
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/21/93	9/27/93	9/27/93	9/30/93
Date Analyzed :		9/22/93	10/4/93	10/4/93	10/5/93
Time Analyzed :		20:13	13:13	13:51	11:51
Analyzed By :		SAB	RJS	RJS	RJS
Sample Number :		10 701568	10 701569	10 701570	10 701590
Run Number :		ABB0922,19	ABB1004,10	ABB1004,11	ABB1005,7
Sample Name :		**GSS-3-44 4-6D**	**GSS-3-45 (2-4)**	**GSS-3-45 (6-8)**	**GSS-3-46 (4-6)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	0.0028(C)	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interference.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		9/30/93	10/1/93	10/1/93	10/1/93
Date Analyzed :		10/5/93	10/6/93	10/5/93	10/5/93
Time Analyzed :		12:29	13:55	13:44	14:23
Analyzed By :		RJS	RJS	RJS	RJS
Sample Number :		10 701591	10 701599	10 701602	10 701603
Run Number :		ABB1005,8	ABB1006,9	ABB1005,10	ABB1005,11
Sample Name :		**GSS-3-46**	**GSS-3-47**	**GSS-3-47**	**GSS-3-48**
		(6-8)	**(0-2)**	**(2-4)**	**(0-2)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	0.017(C)	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(7)=MDL 200X higher than that listed above.
(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interference.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/1/93	10/2/93	10/2/93	10/3/93
Date Analyzed :	10/5/93	10/5/93	10/5/93	10/5/93
Time Analyzed :	15:01	15:39	16:20	16:55
Analyzed By :	RJS	RJS	RJS	RJS
Sample Number :	10 701604	10 701628	10 701629	10 701630
Run Number :	ABB1005,12	ABB1005,13	ABB1005,14	ABB1005,15
Sample Name :	**GSS-3-48**	**GSS-3-49**	**GSS-3-49**	**GSS-3-50**
	(2-4)	**(2-4)**	**(4-6)**	**(0-2)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interference:
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			10/3/93	10/4/93	10/4/93	10/5/93
Date Analyzed :			10/5/93	10/6/93	10/6/93	10/6/93
Time Analyzed :			17:32	11:10	13:14	14:38
Analyzed By :			RJS	RJS	RJS	RJS
Sample Number :			10 701631	10 701645	10 701644	10 701659
Run Number :			ABB1005,16	ABB1006,5	ABB1006,8	ABB1006,10
Sample Name :			**GSS-3-50**	**GSS-3-51**	**GSS-3-51**	**GSS-3-52**
			(2-4)	**(2-4)**	**0-2**	**(0-2)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			10/5/93	10/11/93	10/11/93	10/11/93
Date Analyzed :			10/6/93	10/14/93	10/14/93	10/15/93
Time Analyzed :			12:32	16:41	17:19	13:26
Analyzed By :			RJS	SAB	SAB	SAB
Sample Number :			10 701660	10 701667	10 701668	10 701678
Run Number :			ABB1006,7	ABB1014,11	ABB1014,12	ABB1015,7
Sample Name :			**GSS-3-52**	**GSS-3-53**	**GSS-3-53**	**GSS-3-54**
			(6-8)	**(2-4)**	**(4-6)**	**(0-2)**

FIELD ANALYSIS: **LOW LEVEL , SOIL**

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/11/93	10/12/93	10/12/93	10/12/93
Date Analyzed :	10/15/93	10/15/93	10/15/93	10/15/93
Time Analyzed :	14:09	14:52	15:35	16:18
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701679	10 701680	10 701681	10 701682
Run Number :	ABB1015,8	ABB1015,9	ABB1015,10	ABB1015,11
Sample Name :	**GSS-3-54**	**GSS-3-55**	**GSS-3-55**	**GSS-3-55**
	(2-4)	**(4-6)**	**(6-8)**	**(6-8D)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
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(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/12/93	10/12/93	10/13/93	10/13/93
Date Analyzed :	10/16/93	10/16/93	10/16/93	10/16/93
Time Analyzed :	10:58	11:38	12:17	12:57
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701698	10 701699	10 701702	10 701703
Run Number :	ABB1016,3	ABB1016,4	ABB1016,5	ABB1016,6
Sample Name :	**GSS-3-56**	**GSS-3-56**	**GSS-3-57**	**GSS-3-57**
	(0-2)	**(4-6)**	**(2-4)**	**(6-8)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
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(8)=MDL 100X higher than that listed above.
(A)= Run at this dilution due to excessive matrix interference:
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/13/93	10/13/93	10/14/93	10/14/93
Date Analyzed :	10/16/93	10/16/93	10/16/93	10/16/93
Time Analyzed :	13:36	14:17	16:15	16:55
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701717	10 701718	10 701735	10 701736
Run Number :	ABB1016,7	ABB1016,8	ABB1016,11	ABB1016,12
Sample Name :	**GSS-3-58**	**GSS-3-58**	**GSS-3-59**	**GSS-3-59**
	(2-4)	**(4-6)**	**(2-4)**	**(8-10)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
(2)=MDL 2X higher than that listed above.
(3)=MDL 5X higher than that listed above.
(4)=MDL 10X higher than that listed above.
(5)=MDL 20X higher than that listed above.
(6)=MDL 50X higher than that listed above.
(7)=MDL 200X higher than that listed above.
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(A)= Run at this dilution due to excessive matrix interference.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			10/14/93	10/14/93	10/14/93	10/16/93
Date Analyzed :			10/16/93	10/16/93	10/16/93	10/20/93
Time Analyzed :			17:35	15:36	14:56	11:24
Analyzed By :			SAB	SAB	SAB	SAB
Sample Number :			10 701737	10 701720	10 701719	10 701753
Run Number :			ABB1016,13	ABB1016,10	ABB1016,9	ABB1020,4
Sample Name :			**GSS-3-59**	**GSS-3-60**	**GSS-3-60**	**GSS-3-61**
			(8-10D)	**(10-12)**	**(8-10)**	**(2-4)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
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(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:		10/16/93	10/16/93	10/16/93	10/17/93
Date Analyzed :		10/26/93	10/20/93	10/20/93	10/20/93
Time Analyzed :		11:22	12:35	13:11	14:58
Analyzed By :		SAB	SAB	SAB	SAB
Sample Number :		10 701754	10 701755	10 701756	10 701781
Run Number :		ABB1026,5	ABB1020,6	ABB1020,7	ABB1020,10
Sample Name :		**GSS-3-61**	**GSS-3-62**	**GSS-3-62**	**GSS-3-63**
		(6-8)	**(0-2)**	**(2-4)**	**(4-6)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:	10/17/93	10/17/93	10/17/93	10/17/93
Date Analyzed :	10/20/93	10/20/93	10/20/93	10/20/93
Time Analyzed :	15:33	16:09	13:46	14:22
Analyzed By :	SAB	SAB	SAB	SAB
Sample Number :	10 701782	10 701783	10 701763	10 701764
Run Number :	ABB1020,11	ABB1020,12	ABB1020,8	ABB1020,9
Sample Name :	**GSS-3-63**	**GSS-3-63**	**GSS-3-64**	**GSS-3-64**
	(6-8)	**(6-8D)**	**(0-2)**	**(2-4)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:				10/18/93	10/18/93	10/18/93	10/18/93
Date Analyzed :				10/20/93	10/20/93	10/20/93	10/20/93
Time Analyzed :				17:57	18:33	16:45	17:20
Analyzed By :				SAB	SAB	SAB	SAB
Sample Number :				10 701793	10 701794	10 701789	10 701790
Run Number :				ABB1020,15	ABB1020,16	ABB1020,13	ABB1020,14
Sample Name :				**GSS-3-65**	**GSS-3-65**	**GSS-3-66**	**GSS-3-66**
				(0-2)	**(2-4)**	**(0-2)**	**(2-4)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			10/25/93	10/25/93	10/26/93	10/26/93
Date Analyzed :			10/26/93	10/26/93	10/27/93	10/27/93
Time Analyzed :			11:57	12:31	14:00	14:31
Analyzed By :			RJS	RJS	RJS	RJS
Sample Number :			10 701818	10 701819	10 701820	10 701821
Run Number :			ABB1026,6	ABB1026,7	ABB1027,8	ABB1027,9
Sample Name :			**GSS-3-67**	**GSS-3-67**	**GSS-3-68**	**GSS-3-68**
			(2-4)	**(6-8)**	**(0-2)**	**(6-8)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			10/26/93	10/27/93	10/27/93	10/29/93
Date Analyzed :			10/27/93	10/28/93	10/28/93	11/1/93
Time Analyzed :			15:02	13:16	13:48	19:32
Analyzed By :			RJS	RJS	RJS	RJS
Sample Number :			10 701822	10 701838	10 701839	10 701871
Run Number :			ABB1027,10	ABB1028,9	ABB1028,10	ABB1101,17
Sample Name :			**GSS-3-68**	**GSS-3-69**	**GSS-3-69**	**GSS-3-70**
			(6-8D)	**(0-2)**	**(2-4)**	**(0-2)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	0.0099(C)	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	0.0074(C)	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	0.0055(C)	0.034(C)	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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(6)=MDL 50X higher than that listed above.
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(A)= Run at this dilution due to excessive matrix interference.
(D)= Unable to confirm due to system contamination and/or dilution of confirmation analysis.
(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:				10/29/93	10/29/93	11/1/93	11/1/93
Date Analyzed :				11/1/93	11/1/93	11/2/93	11/2/93
Time Analyzed :				20:04	20:36	16:15	16:48
Analyzed By :				RJS	RJS	RJS	RJS
Sample Number :				10 701872	10 701873	10 701894	10 701895
Run Number :				ABB1101,18	ABB1101,19	ABB1102,13	ABB1102,14
Sample Name :				**GSS-3-70**	**GSS-3-70**	**GSS-3-71**	**GSS-3-71**
				(4-6)	**(4-6D)**	**(4-6)**	**(6-8)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			11/8/93	11/8/93	11/9/93	11/9/93
Date Analyzed :			11/9/93	11/9/93	11/10/93	11/10/93
Time Analyzed :			14:41	15:15	13:26	14:00
Analyzed By :			SAB	SAB	SAB	SAB
Sample Number :			10 701899	10 701902	10 701911	10 701912
Run Number :			ABB1109,9	ABB1109,10	ABB1110,6	ABB1110,7
Sample Name :			**GSS-3-72**	**GSS-3-72**	**GSS-3-73**	**GSS-3-73**
			(4-6)	**(6-8)**	**(0-2)**	**(8-10)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	0.0053	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:				11/10/93	11/10/93	11/12/93	11/12/93
Date Analyzed :				11/10/93	11/10/93	11/13/93	11/13/93
Time Analyzed :				11:22	11:55	11:39	12:15
Analyzed By :				SAB	SAB	SAB	SAB
Sample Number :				10 701925	10 701926	10 701938	10 701939
Run Number :				ABB1111,4	ABB1111,5	ABB1113,4	ABB1113,5
Sample Name :				**GSS-3-74**	**GSS-3-74**	**GSS-3-75**	**GSS-3-75**
				(0-2)	**(6-8)**	**(4-6)**	**(6-8)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			11/14/93	11/14/93	11/14/93	11/15/93
Date Analyzed :			11/15/93	11/15/93	11/15/93	11/16/93
Time Analyzed :			12:35	13:09	13:50	10:24
Analyzed By :			SAB	SAB	SAB	SAB
Sample Number :			10 701949	10 701950	10 701951	10 701959
Run Number :			ABB1115,6	ABB1115,7	ABB1115,8	ABB1116,3
Sample Name :			**GSS-3-76**	**GSS-3-76**	**GSS-3-76**	**GSS-3-77**
			(2-4)	**(4-6)**	**(4-6D)**	**(0-2)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

MDL - Method Detection Limit ND=Not Detected
C - Confirmed By Second Column Analysis
(1)=Unable to report due to excessive matrix interference.
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2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:				11/15/93	11/15/93	11/17/93	11/17/93
Date Analyzed :				11/16/93	11/16/93	11/17/93	11/17/93
Time Analyzed :				10:59	11:33	19:22	19:57
Analyzed By :				SAB	SAB	SAB	SAB
Sample Number :				10 701960	10 701961	10 701971	10 701972
Run Number :				ABB1116,4	ABB1116,5	ABB1117,16	ABB1117,18
Sample Name :				**GSS-3-77**	**GSS-3-77**	**GSS-3-78**	**GSS-3-78**
				(6-8)	**(6-8D)**	**(4-6)**	**(6-8)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units				
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND	ND

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ABB Environmental Services, Inc.
2590 Executive Center Circle East
Tallahassee, FL 32301
Attn : Maria Pijnenburg

RE: On-Site Analysis at the NAS Cecil Field Site
Jacksonville, Florida
PACE Project Number: 930121.600

Date Recieved:			11/29/93	11/29/93	11/29/93
Date Analyzed :			12/1/93	12/1/93	12/1/93
Time Analyzed :			11:00	11:34	12:09
Analyzed By :			RJS	RJS	RJS
Sample Number :			10 701984	10 701985	10 701986
Run Number :			ABB1201,6	ABB1201,7	ABB1201,8
Sample Name :			**GSS-3-79**	**GSS-3-79**	**GSS-3-79**
			(0-2)	**(6-8)**	**(6-8D)**

FIELD ANALYSIS: LOW LEVEL , SOIL

Volatile Organics in Water-Modified Method 8010/8020

	CAS Number	MDL (mg/kg)	Units			
1,1-Dichloroethylene	75-35-4	0.0040	mg/Kg	ND	ND	ND
Methylene Chloride	75-09-2	0.0020	mg/Kg	ND	ND	ND
Trans-1,2-Dichloroethene	156-60-5	0.0020	mg/Kg	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.0020	mg/Kg	ND	ND	ND
Cis-1,2-Dichloroethene	156-59-2	0.0020	mg/Kg	ND	ND	ND
Chloroform	67-66-3	0.0020	mg/Kg	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	0.0020	mg/Kg	ND	ND	ND
Carbon Tetrachloride	56-23-5	0.0020	mg/Kg	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.0020	mg/Kg	ND	ND	ND
Benzene	71-43-2	0.0020	mg/Kg	ND	ND	ND
1,1,2-Trichloroethene (TCE)	79-01-6	0.0020	mg/Kg	ND	ND	ND
Toluene	108-88-3	0.0020	mg/Kg	ND	ND	ND
1,1,2,2-Tetrachloroethene (PCE)	127-18-4	0.0020	mg/Kg	ND	ND	ND
Chlorobenzene	108-90-7	0.0020	mg/Kg	ND	ND	ND
EthylBenzene	100-41-4	0.0020	mg/Kg	ND	ND	ND
Total Xylenes	1330-20-7	0.0060	mg/Kg	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	0.0020	mg/Kg	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	0.0020	mg/Kg	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	0.0020	mg/Kg	ND	ND	ND
Naphthalene	91-20-3	0.0040	mg/Kg	ND	ND	ND

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(B)= Changed After Validation
(E)=Did Not Confirm After Second Column Analysis

APPENDIX D

SITE 3 - MID LEVEL SOIL ANALYSIS RESULTS

pace
INCORPORATED
THE ASSURANCE OF QUALITY

STANDARD OPERATING PROCEDURE

Site Specific

Field Analytical Method For
The Determination of Volatile Organics
in Water and Soil at the NAS Cecil Field
Facility Located in Jacksonville, Florida

SOP NUMBER	
AUTHOR	Robert Schnobrich
EFFECTIVE DATE	January 19, 1994
SUPERSEDES	First Issue

APPROVAL

Robert A. Elliott — 01-20-94
Manager, Field Services — Date

Quality Assurance Officer — Date

I. PURPOSE

A. This is a purge and trap gas chromatographic method for the analysis of 22 volatile organic compounds in drinking water, ground water, wastewater, and soil. Typically target compound lists are used in Field Analytical Applications.

II. APPLICATION

A. CONCENTRATION RANGES

1. All of the ranges of the compounds start at their particular MDL (as determined by 40 CFR 136. Appendix B, July 1, 1987) and a majority end at 40 ppb. The concentration ranges are listed in Table IX. An example of a typical halogenated compound list and their concentration ranges are listed in Table IX.

B. METHOD DETECTION LIMITS

1. The method detection limit (MDL) is the minimum concentration of a compound that can be measured and reported with 99% confidence that the value is above zero. The MDL actually achieved in a given analysis will vary depending on instrument sensitivity and matrix effects; therefore, practical quantitation limits (PQLs) have been set. The PQL values are higher than the MDL. The PQLs are levels that can routinely be seen in the presence of possible matrix effects and variable laboratory conditions seen in a Mobile Laboratory Environment.

C. INTERFERENCES

1. Impurities in the purge gas and organic compounds outgassing from the plumbing ahead of the trap may cause contamination problems. The analytical system must be demonstrated to be free from contamination by running method blanks under the condition of analysis.

2. Contamination by carry-over can occur whenever high level and low level samples are sequentially analyzed. Rinsing the sample syringe twice with organic-free water and then analyzing organic-free water checks for cross-contamination.

D. HAZARDS AND PRECAUTIONS

1. The toxicity or carcinogenicity of each reagent used in this method has not been precisely defined; however, each chemical compound should be treated as a potential health hazard. Exposure to these chemicals must be reduced to the lowest possible level by whatever means available (i.e., gloves, lab coats, goggles, and dust masks). Reference files of OSHA regulations and MSDS's are available to all personnel involved in the analysis. Additional references to laboratory safety have been identified and are available for inspection by the analyst.

2. The following parameters covered by this method have been tentatively classified as known or suspected human or mammalian carcinogens: carbon tetrachloride, chloroform, vinyl chloride, and 1,4-dichlorobenzene. Primary standards of these toxic compounds should be prepared in a hood. A NIOSH/MESA approved toxic gas respirator should be worn when an analyst handles high concentrations of these toxic compounds.

III. RESPONSIBILITIES

A. PERSONNEL

1. All personnel involved in the preparation of sample containers are responsible for adherence to this SOP.

2. Personnel are responsible for ensuring that any deviations to this SOP are reported.

3. Personnel are responsible for reporting to the section supervisor any required changes to the SOP.

B. DEPARTMENT SUPERVISORS/MANAGERS

1. The department supervisors and managers are responsible for ensuring adherence to this SOP.

2. The department supervisor/manager is responsible for performing an annual review of this SOP and reporting any required revisions to the Quality Assurance Department.

C. QUALITY ASSURANCE OFFICE (QAO)

1. The QAO is responsible for conducting semi-annual laboratory audits to monitor adherence to this and other SOPs. Results of the audit will be reported to Regional Management and Corporate Quality.

2. The QAO is responsible for ensuring that all revisions to the SOP are implemented.

3. The QAO is responsible for determining distribution of and maintaining document control for this SOP.

IV. REVIEWS/REVISIONS

A. This SOP will be reviewed on an annual basis at a minimum.

B. At the time of review, any required revisions will be incorporated.

C. The revised SOP will be distributed to all appropriate personnel and the superseded version replaced.

V. DISTRIBUTION

A. This SOP will be issued to the Client Services Manager, the Section Supervisor, Corporate QAO, and any other areas deemed appropriate by Regional QAO.

VI. SUMMARY OF METHOD

A. ANALYTES

1. The 22 volatile organic compounds are as follows:

PARAMETER	CAS NUMBER
1,1-DICHLOROETHYLENE	75-35-4
METHYLENE CHLORIDE	75-09-2
TRANS-1,2-DICHLOROETHENE	156-60-5
1,1-DICHLORETHANE	75-34-3
CIS-1,2-DICHLORETHENE	156-59-2
CHLOROFORM	67-66-3
1,1,1-TRICHLOROETHANE	71-55-6
CARBON TETRACHLORIDE	56-23-5
1,2-DICHLOROETHANE	107-06-2
BENZENE	71-43-2
1,1,1-TRICHLOROETHENE (TCE)	79-10-6
TOLUENE	108-88-3
1,1,2,2-TETRACHLOROETHENE	127-189-4
CHLOROBENZENE	108-90-7
ETHYL BENZENE	100-41-4

PARAMETER	CAS NUMBER
TOTAL XYLENES	1330-20-7
1,3-DICHLOROBENZENE	541-73-1
1,4-DICHLOROBENZENE	106-46-7
1,2-DICHLOROBENZENE	95-50-1
NAPHTHALENE	91-20-3

B. MATRIX

1. This method is appropriate for analyzing drinking water, ground water, wastewater, and soil.

C. DESCRIPTION

1. Water Samples

Gases are volatilized by bubbling an inert gas through a 5-mL water sample contained in a specifically designed purging chamber at ambient temperature. The vapor is then swept through a sorbent tube where the volatiles are trapped. When the purging is complete, the trap is heated and backflushed with inert gas to desorb the volatiles onto a chromatographic column. A temperature program is used in the gas chromatographic system to separate the volatiles before detection with a photoinuizaton and halide-specific detector.

METHOD DETECTION LIMITS, PRACTICAL QUANTITATION LIMITS

Parameter	WATER Practical Quantitation Limits (PQLs) in ug/L
1,1-DICHLOROETHYLENE	4.0
METHYLENE CHLORIDE	2.0
TRANS-1,2- DICHLOLETHENE	2.0
1,1-DICHLOLETHENE	2.0
CIS-1,2,DICHLOLETHENE	2.0
CHLOROFORM	2.0
1,1,1-TRICHLOROETHANE	2.0
CARBON TETRACHLORIDE	2.0
1,2-DICHLOROETHANE	2.0
BENZENE	2.0
1,1,2-TRICHLOROETHANE	2.0
TOLUENE	2.0
1,1,2,2-TETRACHLOROETHENE	2.0
CHLOROBENZENE	2.0
ETHYL BENZENE	2.0
TOTAL XYLENES	6.0
1,3-DICHLOROBENZENE	2.0
1,4-DICHLOROBENZENE	2.0
1,2-DICHLOROBENZENE	2.0
NAPHTHALENE	4.0

METHOD DETECTION LIMITS, PRACTICAL QUANTITATION LIMITS

Parameter	SOIL (MEDIUM LEVEL) MDL in mg/kg	Practical Quantitation Limits (PQLs) in mg/kg
1,1-DICHLOROETHYLENE	.50	
METHYLENE CHLORIDE	.25	
TRANS-1,2- DICHLOROETHENE	.25	
1,1-DICHLOROETHANE	.25	
CIS-1,2,DICHLOROETHENE	.25	
CHLOROFORM	.25	
1,1,1-TRICHLOROETHANE	.25	
CARBON TETRACHLORIDE	.25	
1,2-DICHLOROETHANE	.25	
BENZENE	.25	
1,1,2-TRICHLOROETHANE	.25	
TOLUENE	.25	
1,1,2,2-TETRACHLOROETHENE	.25	
CHLOROBENZENE	.25	
ETHYL BENZENE	.25	
TOTAL XYLENES	.75	
1,3-DICHLOROBENZENE	.25	
1,4-DICHLOROBENZENE	.25	
1,2-DICHLOROBENZENE	.25	
NAPHTHALENE	.50	

VII. APPARATUS AND MATERIALS

A. GLASSWARE AND EQUIPMENT

1. Sampling Equipment: 40-mL vial, Teflon-faced silicone septum, screw cap with hole in center. Detergent wash vial and septum, then rinse with tap and organic-free water, and dry at 105° before use.

2. Syringes: 5-mL glass hypodermic with Luerlock tip.

3. Microsyringes: 10-uL, 25-uL, 100-uL and 250-uL.

4. Bottle: 15-mL, crimp top, with Teflon cap liner.

5. Volumetric flasks: 10-mL and 100-mL, Class A, with ground-glass stoppers.

6. Analytical balance capable of accurately determining weight to at least one decimal place.

B. INSTRUMENTS

1. Gas chromatograph: A Hewlett Packard Model 5890 (or equivalent) with temperature programing. Integrators or a data system with chromatograhic software is used for measuring peak areas.

2. Purge and Trap System:

   a. A Tekmar Model LSC200 (or equivalent) sample concentrator and a Tekmar Automatic Laboratory Sampler ALS 2016 (or equivalent) are used and equipped with a sample heater capable of maintaining the purge device at 40°C ± 1°C.

1. The trap construction from the trap inlet:
   Glass wool, 5 mm
   3% OV-1, approximately 0.042 gram
   Tenax, approximately 0.10 gram
   200 mesh Grade-15 silica gel, approximately 0.36 gram
   Activated charcoal, approximately 0.23 gram
   Glass wool, 5 mm

NOTE: For certain analyses traps may contain fewer components than those listed above.

2. Tubing:
   30 cm
   0.32 mm. I.D.
   0.53 mm. O.D.
   Alumina coated external uncoated internal capillary tubing
   - or - 1/16" stainless steel

3. Detectors:

   a. OI analytical 700A Hall Electrolytic Conductivity Detector (or equivalent)
      (HECD) operated at:

      1. Detector temperature is 250°C.

      2. Reactor temperature is 850°C.

      3. Solvent flow of n-propanol is 0.5 mL/minute.

      4. Hydrogen flow (reaction gas) is 30 mL/minute.

5. Electrometer range setting is 100.

b. Tracor - Photoionization Detector (or equivalent (PID) Operated at:

1. Detector Temperature is 250.

NOTE: Equivalent detectors by a different manufacturer may have slightly different conditions.

4. Column:

J&W DB 624, 30m X 0.53 mm i.d. (or equivalent)

- or - Supelco 3% sp 1000 8 ft. x 1/8 in od. (or equivalent).

C. REAGENTS

1. Reagent water: De-ionized water in which there are no interferents at the MDL of the parameters of interest.

2. Methanol - Pesticide quality or equivalent.

3. Trap materials:

a. 2,6-Diphenylene oxide polymer-Tenax (60/80 mesh), chromatographic grade. Supelco, Inc.

b. Methyl silicone packing--3% OV-1 on Chromosorb-W (60-80 mesh). Supelco, Inc.

c. Silica gel--35/60 mesh, Davison, grade-15. Supelco, Inc.

d. Coconut charcoal -- 6/10 mesh seived to 26 mesh. Supelco, Inc.

4. Working Standard Solutions

   a. Stock standard solutions for this method are prepared in "Purge and Trap" grade methanol (MeOH). Premade stock standards at 200 ug/mL are obtained from reputable vendors. (Some applications may require standards made from neat solutions).

   b. The Working Standard is prepared by filling a 10-mL volumetric flask with about nine milliliters of methanol. Pipet 0.5 mL of stock into the flask and fill to 10 mLs with methanol. Invert 3 times and store in a Teflon-sealed 10 mL amber vial at <0°C.

5. Internal Standard Solution

   a. Prepare a stock solution of bromochloromethane and fluorobenzene by filling a 100-mL volumetric flask with about 90 milliliters of methanol and adding 5 uL of fluorobenzene, bromochloromethane to the methanol. This stock is at a concentration of 100 ug/mL.

   b. Prepare a working standard by adding 9 mLs MeOH to a 10 mL volumetric flask. Pipet 0.5 mLs of the stock solution into the flask and dilute with MeOH to the mark. Invert the mix three times.

   c. The working standard solution is transferred into an amber bottle. The bottle is sealed with a Teflon-lined crimp cap and stored at <0°C.

d. The concentration of the working standard is 5 ug/mL. The addition of 10 uL of this internal standard solution to 5-mL aliquot of organic-free water will be equivalent to 10 ug/L.

6. Surrogate Solution

a. A prepare a stock solution of 2-Chlorotoluene by a 10 ml vol flask with about 9 ml of Methanel an adding 10ul of 2-Chlorotoluene to the methanol. This stock is at a concentration of 1077.6 ug/ml.

b. Prepare a working standard by adding 9mls methanol to a 10ul vol. flask add 46ul of stock solution and dilute to mark with methanol. Invert the mix three times.

c. The working surrogate standard solution is transfered into an amber bottle. The bottle is scaled with a Teflon Line crimped cap and stored at 4.0c.

d. The concentration of the working surrogate standard is 10ug/ml. The addition of 10L of this standard to 5ml aliquot of organic free water will be equivalent to 20ug/L.

7. Matrix Spike Solution

a. Prepare a spiking solution in methanol that contains the analytes of interest at 10 ug/mL using the procedures outlined in Section VII. The desired spike concentration should be at or near the midpoint of the calibration curve.

7. Solution Verification

a. Solutions will be validated against working standards before their initial use and within seven days before subsequent usage. The recovery of the solution must be greater than the lower warning limit on the X control chart for each control analyte.

VIII. SAMPLE HANDLING

A. Samples are collected in 40-mL amber glass sample vials. They are filled in such a manner that no air bubbles pass through the sample as the bottle is being filled. The vial is sealed with a screw cap and a Teflon-faced septum in such a manner that no air bubbles are trapped in it.

B. Water samples are preserved with hydrochloric acid (HCl) to a pH of less than 2. Preserved samples have a holding time of 14 days from sample collection when refrigerated at 4°C +/- 2°C.

C. Soils are collected in 125 mL sample jars with teflon lined caps.

D. Soil samples have a holding time of 14 days from sample collection when refrigerated at 4°C +/- 2°C.

IX. CALIBRATION

A. METHOD START-UP AND VALIDATION

1. To demonstrate the capability of the laboratory to generate valid data, the following steps need to be performed.

   a. Calibration standards are analyzed at three concentrations.

b. A calibration curve is established for each compound.

c. A spiked solution containing the parameters to be analyzed is prepared in methanol. The concentration of the spike solution is selected at 10 ug/mL. The addition of 10 uL of this solution to a 5-mL aliquot of organic-free water should yield results at the 20 ug/L level.

d. The average % spike recovery (R) and the standard deviation % (S) are calculated for the replicates. The calculated R and S values are compared to EPA literature and/or any other literature values available. The upper and lower control limits are calculated at ± 2 times the standard deviation. The upper and lower control limits and the average % recovery are utilized to construct control charts for the ongoing quality control.

e. The method detection limit is calculated by analyzing seven replicates prepared in blank water at 1 to 5 times higher than the estimated detection limit.

f. Method detection levels are calculated according to 40 CFR 136.Appendix B (July 1, 1987).

g. The data are evaluated and, if acceptable, the method can be utilized on a routine basis. Any changes in laboratory preparation or chromatography that may effect the recovery or detection of the compounds requires that this entire section be repeated.

B. INITIAL CALIBRATION

1. Instrument Calibration

a. Using the Working Standard, build a three point calibration curve for each compound of interest by carefully adding 2 uL, 10 uL, or 20 uL of the working standards into a 5-mL aliquot of organic-free water in a 5-mL Leurlock syringe. The recovered concentrations of the compounds at these levels are listed in Table IX-1.

b. The calibration curve is constructed utilizing the Internal Standard calculation procedure. Retention time windows must be established as follows:

1. Verify the retention time shift of the internal standards. The retention time shift between the initial and subsequent standards must be less than 2.0%. If this is not met, continue injecting replicated standards to meet this criterion.

2. Calculate the standard deviaion of the three absolute retention times for each analyte of interest.

3. The standard deviations determined in ii. shall be used to determine the retention time windows for a particular run sequence. Apply plus or minus three times the standard deviations in ii. to the retention times of each analyte of interest (from the daily calibration check). This range of retention time defines the retention time window for the compound of interest.

4. In those cases where the retention time window is less than 0.01 minutes, use +/- 1.0% of the retention time of the daily calibration check standard to define the retention time window.

c. The response factors for each compound is calculated by the data system for each level of calibration. These factors define the calibration curve for each compound of interest.

2. Analysis of Calibration Data

a. Tabulate peak height or area responses against concentration for each compound and internal standard and calculate response factors (RF) for each compound by using this equation:

$$RF = \frac{(A_{is})(C_s)}{}$$

equation 1

Where: A_s = response for parameter of concern
A_{is} = response for IS
C_s = concentration of parameter of concern
C_{is} = concentration of IS

b. If the percent relative standard deviation (RSD) for the response factors is $\leq$30%, the RF can be assumed to be invariant and the average RF can be used for calculations. The results can also be used to plot a calibration curve of response ratios:

A_{is} vs. RF

A is

C. DAILY CALIBRATION

1. Standard Preparation

Daily standards (midpoint concentrations of the calibration curve) are prepared by carefully adding 10 uL of the working standards and 10 uL of the internal standard to a 5-mL Leurlock syringe containing 5 mL of organic-free water.

2. Instrument Calibration

a. After the standards have been run, and are in control, a laboratory blank is analyzed to check the analytical system for interferences.

b. The blank must contain less than the quantitation level of each analyte of interest before sample analysis can start. After calibration has been completed and the system is free of interferences, sample analysis can start.

3. Calibration Data Analysis

a. 90% of the daily standard recoveries must have a percent difference of $\leq$25% when compared to the mean response factor over the calibration curve. If this criteria is not met. A recalibration is performed at three concentration levels for the appropriate compounds.

4. Calibration Check Standards

a. A spiked solution containing the parameters to be tested is prepared in organic free water. The concentration of the spike solution is 20 ug/L and is made by carefully adding 10 uL of Working Standard to a 5-mL Leurlock syringe containing 5 mL of organic-free water. The results must fall in the range of 2 times the standard deviation of an average recovery calculated for each compound over ten or more runs. The limits are updated by the PACE QA staff.

X. PROCEDURE

A. WATER

1. Loading Samples

a. Open the sample vial and slowly draw up slightly greater than 5 mL of sample. Adjust the volume to 5 mL exactly. If samples need dilution, a lesser volume is withdrawn and diluted to 5 mL with blank water.

b. Inject 10 uL of the internal standard solution into the 5 mL syringe containing sample. Secure the Leurlock syringe onto the sample valve. Open the valve, load the sample into sparging vessel, and close the sample valve to reseal the system. Remove the Leurlock syringe from the valve.

B. SOIL

1. Loading Samples (Medium Level)

a. Weigh 4 grams of soil into a 15 mL tared vial. Record the soil weight to the nearest 0.1 gram.

b. Onto the 4 grams of soil inject a known volume of surrogate to give the surrogate concentration of the soil a value near the midpoint of the calibration curve.

c. Quickly add 10 mLs Purge and Trap grade methanol. Cap and shake on a vortex mixer for 2 minutes. These steps must be performed rapidly to avoid loss of volatile organics and they must be done in a laboratory free of solvent fumes.

d. Allow the sample to come to ambient termperature prior to introducing it to the syring. Remove the plunger from a 5-mL syringe and attach a closed syringe valve. Carefully pour organic-free water into the syringe barrel to just short of overflowing. Replace the syringe plunger and compress the water. Open the syringe valve and vent any residual air while adjusting the water volume to 5.0 mL.

e. Add 100 uL of the methanol sample extract to the organic-free water. Inject 10 uL of internal standard into the syringe. Pull up the internal standard into a 25-uL syring. If no air bubbles are present, adjust the volume to exactly 10 uL and inject it into the 5-mL Leurlock syring containing the sample. Secure the Leurlock syring onto the sample valve. Open the valve, load the sample onto the sparging vessel, and close the sample valve to reseal system. Remove the Leurlock syringe from the valve.

2. Percent Moisture Determination

a. Determine the percent moisture by drying a 2-5 gram soil sample at 105°C + 5°C for an hour. Allow to cool in a desiccator before weighing. Concentrations of individual analytes will be reported to the dry weight of sediment.

$$\frac{\text{g of dry sample}}{\text{g of sample}} \times 100 = \%\ \text{moisture}$$

3. Trap Conditions

1. Purge 11 minutes (40 mL/minute of Helium or Nitrogen)

2. Desorb 4 minutes at 180°C

3. Bake approximately 8 minutes at 225°C.

4. Gas Chromatography

a. Detector:
Hall Electroconductivity Detector (HECD)
Detector temperature = 250°C

b. Column: (column/oven conditions may vary depending on compound list)

i. J&W DB 624 (or equivalent)
Column flow: 5.0 mL/minute of Helium or Nitrogen
Makeup flow: 25.0 mL/minute of Helium or Nitrogen
Initial temperature: 45°C for 5 minutes
Rate: 8 degrees/minute
Final temperature: 220°C for 30 minutes

XI. CALCULATIONS

A. Calculations are performed by the Internal Standard procedure.

B. The equations used to calculate the absolute amount of a component (y) are:

1. Concentration of (y) =

   amount ratio * concentration (IS) * dilution factor

2. Amount ratio: $\frac{\text{Area (y) * Response (y)}}{\text{Area (IS)* Response (IS)}}$

3. Therefore:

   Water:

$$\text{conc (y)} = \frac{\text{Area (y) * Response (y) * conc. (IS) * dilution factor}}{\text{Area (IS)* Response (IS)}}$$

where: Area (y) is the area of the sample peak for peak (y)
Response (y) is the response factor (concentration/area) for peak (y)
Response (IS) is the factor (concentration/area) for the internal standard peak.

Soil: (For both low and medium levels)

$$A = \frac{\text{Area (y) * Response (y) * conc. (IS) * dilution factor}}{\text{Area (IS)* Response (IS)}}$$

$$\text{conc (y)} = \frac{\text{A * Extraction Volume (L)}}{\text{Sample Weight (Kg) *1000}} * \frac{1}{\text{\% Dry Weight}}$$

Concentration (IS) is the concentration of internal standard which produced the internal standard peak.

XII. QUALITY CONTROL

A. Duplicate spikes are processed approximately one in every 20 samples to monitor the performance of the gas chromatographic system. The spikes are prepared by adding 10 uL of the matrix spike solution to 5 mL of water for purging. This results in a 20 ug/L concentration of each analyte. Spike results are compared to PACE control limits (which are + 2 times the standard deviation of an average recovery calculated for each compound over ten or more runs). Corrective actions are taken if the recoveries fall outside the limits specfied.

B. PRECISION AND ACCURACY DATA REVIEW

1. Replicate spiked samples are analyzed every 20 samples to monitor the performance of the gas chromatographic system.

   a. Samples and spikes are analyzed and the data is calculated and recorded on the worksheets.

   b. The spike data is in control if 90% of the recoveries fall within the limits listed in Attachment A. If the data is acceptable, QC data is recorded and the sample data is reported. This method of determining control of the analysis will be used until limits can be generated using historical spike recovery data.

   c. If the sample spike data is out of control, the check standard is evaluated. If that is within limits, the sample spike data for the compound in question is documented as "sample spike out of control due to matrix effects, check standard is in control." QC with appropriate comments is documented and sample data is reported.

   d. If the check standard data is also out of control, analysis must cease until the problem is corrected and documented. All samples since the last in-control situation are then re-analyzed.

C. All QA/QC, Documentation, Data Review, Data Deliverables, etc. will comply with procedures discussed in HAZWRAP Document DOE/HWP-69/R1, Revision 1; July 1990. Quality control charts will be generated an maintained upon establishment of QC limits. (See Section IX.B.1.b).

XIII. REFERENCES

A. Federal Register, Vol. 49, No. 209, Friday, Oct. 26, 1984. Method 601-Purgeable Halocarbons.

B. "Determination of Volatile Organics in Water by Purge and Trap Method", Method 465-B, Minnesota Department of Health.

C. Federal Register, Vol. 44, No. 231, Thursday, Nov. 29, 1979.

D. Federal Register, Vol. 44, No. 233, Monday, Dec. 3, 1979.

E. "The Determination of Halogenated Chemicals in Water by the Purge and Trap Method," Method 502.1, EPA #600/4-81-059.

F. 40 CFR Part 136, Appendix B, July 1, 1987.

TABLE IX-1

CONCENTRATION OF COMPOUNDS IN CALIBRATION CURVE (ug/L)

Compound	Low Std.	Mid Std.	High Std.
1,1-DICHLOROETHYLENE	4	20	40
METHYLENE CHLORIDE	4	20	40
TRANS-1,2-DICHLOROETHENE	4	20	40
1,1-DICHLOROETHANE	4	20	40
CIS-1,2-DICHLORETHENE	4	20	40
CHLOROFORM	4	20	40
1,1,1-TRICHLOROETHANE	4	20	40
CARBON TETRACHLORIDE	4	20	40
1,2-DICHLOROETHANE	4	20	40
BENZENE	4	20	40
1,1,2-TRICHLOROETHENE (TCE)	4	20	40
TOLUENE	4	20	40
1,1,2,2-TETRACHLOROETHENE	4	20	40
CHLOROBENZENE	4	20	40
ETHYL BENZENE	4	20	40
TOTAL XYLENES	4	20	40
1,3-DICHLOROBENZENE	4	20	40
1,2-DICHLOROBENZENE	4	20	40
1,4-DICHLOROBENZENE	4	20	40
NAPHTHALENE	4	20	40